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Foglight® Experience Monitor 5.8.1

SQL Reference Guide

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Legend

WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death.

CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

IMPORTANT NOTE, **NOTE**, **TIP**, **MOBILE**, or **VIDEO:** An information icon indicates supporting information.

Foglight Experience Monitor SQL Reference Guide
Updated - October 2017
Foglight Experience Monitor Version - 5.8.1

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Foglight Experience Monitor SQL reference

Foglight® Experience Monitor is a comprehensive appliance-based solution that empowers organizations to effectively manage, troubleshoot, and optimize all components of the service delivery chain under their control. With our turn-key, self-contained computer system, customers gain unprecedented visibility into the inner workings of their network infrastructure and the quality of the end user's experience. The appliance provides concise, accurate information in real-time about component performance, systematic failures, and a wealth of other information.

This *SQL Reference Guide* provides a description of the SQL databases that the Foglight Experience Monitor uses to store metrics and related information. This guide is intended for all users who need a deeper understanding of the Foglight Experience Monitor appliance.

This section provides a description of the Structured Query Language (SQL) databases that the Foglight Experience Monitor uses to store metrics and related information.

By navigating to **Help > Support Tools** in the Foglight Experience Monitor and clicking on either the **Enable Detailed Logging** or the **Disable Detailed Logging** links, you can see queries that the web console uses to obtain metrics from the database. For each page that you navigate to in the web console, logging statements are generated. Search for the text *SQL query* to see the query that the web console is using.

For details, see these topics:

- User Agent database
- User Session database

Database

The following table displays the individual databases that every appliance maintains.

Table 1. Database types

Database	Purpose
Alarm	Contains alarm
Application	Contains Application, Application by City, Application by Country, Application by Region, Application by ISP, Application by Subnet category metrics
Config	System use only
Enterprise	Contains Enterprise category metrics
HttpFault	Contains HttpFault entries
Instrumented Application	Contains Instrumented Application Component, Instrumented Application Component by City, Instrumented Application Component by Country, Instrumented Application Component by ISP, and Instrumented Application Component by Region category metrics
Location	Contains City, Country, ISP, and Region category metrics
Page	Contains Content Type, Hit, Page, Instrumented Page, Path, and Synthetic Service category metrics
Protocol	Contains Protocol category metrics
Server	Contains Server category metrics
Service	Contains Service, Application by City, Application by Country, Application by Region, Application by ISP, Application by Subnet category metrics
Site	Contains Site category metrics
Soap	Contains Soap Operation, Soap Server, Soap Web Service category metrics
SoapConsumer	Contains Soap Consumer category metrics
SoapFault	Contains Soap Fault entries
SoapTransaction	Contains Soap Transaction and Soap Transaction Step category metrics
Subnet	Contains Subnet category metrics
System	System use only
UserAgent	Contains User Agent category metrics
UserSession	Contains User Session category metrics
mysql	System use only

Tables

This section includes detailed information about the following topics:

- Metric tables
- Value Count tables
- Resource tables
- Relation tables

Metric tables

Metric tables contain all of the standard metrics for resources (or objects) that the system is monitoring. These include all metrics other than distributions and reference counters. The descriptions starting in section 3 include a table showing each column, its type, and a comment. Many of the comments show the actual metric label that appears in the web console. Some labels have a suffix that identifies the exact statistic that the column represents.

NOTE: Some of these statistics do not appear in the web console.

The following table presents these suffixes.

Table 2. Metric tables, label suffix types

Suffix	Meaning
Count	Number of events associated with the metric. For End-to-End Time this is the number of page downloads.
Sum	Sum total for all events. For End-to-End Time this is the sum total of the time taken for all page downloads in the interval.
Sum Sq	Square of the Sum.
Min	Minimum value seen during the interval.
Max	Maximum value seen during the interval.
Perc	Percentile (usually 95th percentile) for the metric.
Mean	Mean of all values seen during the interval. This equals Sum / Count.
Std Dev	Standard deviation of all values seen during the interval.
Pass	Numerator of a percentage metric. For Hit Redirect Ratio this is the total number of hits redirected.
Total	Denominator of a percentage metric. For Hit Redirect Ratio this is the total number of hits.

Every resource the system has monitored has a unique identifier that is present in the ResourceID column of every table. The algorithm used to calculate a resource identifier varies from category to category, but it is typically based on some unique aspect of the resource. For some categories (such as Application Component and Service) it is calculated from the unique configuration database item that defines the resource. For categories like Pages and Hits, the identifier is calculated using the URL of the underlying object.

An example of a resource identifier is shown here:

```
2af42c7f9c8aeab0fc412031e192e2119d
```

This object is from the Application Component category. The first two characters *2a* indicate the category of the object. Convert this number from hexadecimal to decimal and you get 42. See the CategoryID section for a complete list of category identifiers.

Value Count tables

ValueCount tables contain distribution and reference counter metrics for objects that the system is monitoring. The ResourceID column identifies the resource.

Each record in a ValueCount table represents a single data point for a distribution or reference counter metric. The Value and Count columns have different meanings depending on the type of metric which is identified by the MeasureID column (see MeasureID in Appendix A).

Table 3. Value Count tables

Metric Type	Value	Count
Distribution	Identifies a specific bucket of the distribution. Buckets are configurable in the web console and are numbered starting from 0.	Number of items in a specific bucket of the distribution.
Reference Counter	Identifies a specific HTTP code. See HTTP codes in Appendix A for a complete list.	Number of times the HTTP code appeared for this resource.

Resource tables

The Resource tables contain the internal and the display names of resources (or objects) that the system has monitored. For example, a Page resource with the name *quest.com/home.asp* that appears in the web resource has an entry in its resource table that correlates the resource's unique identifier with the page name.

Relation tables

Relation tables contain records that associate two related resources in the system. For example, for every Page resource in the system a relation table will contain a list of related Hit resources.

Alarm database

The Alarm database contains records for alarms that have been triggered by the system. It contains two tables: Alarm and Action.

For details, see these topics:

- Alarm table schema
- Action table schema

Alarm table schema

This table stores records containing information about alarms that have been triggered by the system.

* indicates the primary key

[1] indicates an index

Table 4. Alarm table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ID*	bigint(20) unsigned	Unique identifier for the alarm
AlarmDeIDf[1]	int(10) unsigned	Unique identifier for the alarm definition
CategoryID[1]	int(11)	See CategoryID in Appendix A
ResourceID	char(34)	Unique identifier for this resource (object)
ResourceName	text	Name of the resource that triggered the alarm
MeasureValue	text	Metric value used in evaluating alarm
TimeStamp[1]	datetime	See TimeStamp in Appendix A

Table 4. Alarm table schema

Column	Type	Comment
TimePeriod	int(10) unsigned	Numeric time period in which alarm triggered
PassCount	int(10) unsigned	unused
FailCount	int(10) unsigned	unused
LowThreshold	double	Lower bound threshold for alarm metric
HighThreshold	double	Upper bound threshold for alarm metric
TriggerValue	text	Metric value at the time of the alarm
Severity[1]	int(11)	0 = low, 1 = medium, 2 = high, 3 = critical
ActionFlowID	int(10) unsigned	Unique identifier for associated action flow
SourceAlarmID	int(10) unsigned	Unique identifier for alarm in probe database
SourceIP	varchar(40)	IP of probe where alarm was triggered
SessionID	char(34)	Unique identifier for user session that triggered alarm

Action table schema

This table stores records containing information about actions that have been triggered as a result of an alarm. Actions include email notifications, SNMP traps, and traceroutes.

* indicates the primary key

[1] indicates an index

Table 5. Action table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
AlarmID	bigint(20) unsigned	Unique identifier for the alarm
ActionType	int(10) unsigned	2 = notification, 3 = traceroute, 4 = snmp trap
ActionID	int(11)	Unique identifier for the action
CategoryID[1]	int(11)	See CategoryID in Appendix A
TimeStamp*	datetime	See TimeStamp in Appendix A
Status	int(11)	Numeric time period in which alarm triggered
Output	text	Output generated by the action
ActionSubType	int(11)	unused
Data1	varchar(256)	Results of the action
Data2	varchar(1024)	Results of the action

Application database

The Application database contains records for the Application categories:

- Application Component
- Application Component By City
- Application Component By Country
- Application Component By Isp
- Application Component By Region

- Application Component By Subnet

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Application Metric tables
- Application Value Count tables
- Application Resource tables

Application Metric tables

These tables contain metrics for Application category objects for a specific time interval.

This schema applies to the following tables:

- Application
- ApplicationByCity
- ApplicationByCountry
- ApplicationByIsp
- ApplicationByRegion
- ApplicationByServer
- ApplicationBySubnet

* indicates the primary key

[1] indicates an index

Table 6. Application Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min

Table 6. Application Metric table schema

Column	Type	Comment
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max

Table 6. Application Metric table schema

Column	Type	Comment
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSum Sq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc
PageEndToEndTimeMean	double	Page End-to-End Time – Mean

Table 6. Application Metric table schema

Column	Type	Comment
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageThinkTimeCnt	bigint(20) unsigned	Page Think Time – Count
PageThinkTimeSum	double	Page Think Time – Sum
PageThinkTimeSumSq	double	Page Think Time – Sum Sq
PageThinkTimeMin	double	Page Think Time – Min
PageThinkTimeMax	double	Page Think Time – Max
PageThinkTimePerc	double	Page Think Time – Perc
PageThinkTimeMean	double	Page Think Time – Mean
PageThinkTimeStd	double	Page Think Time – Std Dev
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate – Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate – Total
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc

Table 6. Application Metric table schema

Column	Type	Comment
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev
PageConnectionCountCnt	bigint(20) unsigned	Page Connection Count –Count
PageConnectionCountSum	double	Page Connection Count – Sum
PageConnectionCountSumSq	double	Page Connection Count – Sum Sq
PageConnectionCountMin	double	Page Connection Count – Min
PageConnectionCountMax	double	Page Connection Count – Max
PageConnectionCountPerc	double	Page Connection Count – Perc
PageConnectionCountMean	double	Page Connection Count – Mean
PageConnectionCountStd	double	Page Connection Count – Std Dev
PageElementCountCnt	bigint(20) unsigned	Page Element Count – Count
PageElementCountSum	double	Page Element Count – Sum
PageElementCountSumSq	double	Page Element Count – Sum Sq
PageElementCountMin	double	Page Element Count – Min
PageElementCountMax	double	Page Element Count – Max
PageElementCountPerc	double	Page Element Count – Perc
PageElementCountMean	double	Page Element Count – Mean
PageElementCountStd	double	Page Element Count – Std Dev
PageDownloadSizeCnt	bigint(20) unsigned	Page Download Size – Count
PageDownloadSizeSum	double	Page Download Size – Sum
PageDownloadSizeSumSq	double	Page Download Size – Sum Sq
PageDownloadSizeMin	double	Page Download Size – Min
PageDownloadSizeMax	double	Page Download Size – Max
PageDownloadSizePerc	double	Page Download Size – Perc
PageDownloadSizeMean	double	Page Download Size – Mean
PageDownloadSizeStd	double	Page Download Size – Std Dev
PageTimeoutCount	bigint(20) unsigned	Page Timeout Count
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
UserCount	bigint(20) unsigned	User Count
SessionCount	bigint(20) unsigned	Session Count

Table 6. Application Metric table schema

Column	Type	Comment
ApplicationTimeCnt	bigint(20) unsigned	Application Time – Count
ApplicationTimeSum	double	Application Time – Sum
ApplicationTimeSumSq	double	Application Time – Sum Sq
ApplicationTimeMin	double	Application Time – Min
ApplicationTimeMax	double	Application Time – Max
ApplicationTimePerc	double	Application Time – Perc
ApplicationTimeMean	double	Application Time – Mean
ApplicationTimeStd	double	Application Time – Std Dev
ProcessingLoadPass	bigint(20) unsigned	Processing Load Percentage – Pass
ProcessingLoadTotal	bigint(20) unsigned	Processing Load Percentage – Total
ProcessingLoadPerc	double	Processing Load Percentage
ProcessingTimeServiceLevelPass	bigint(20) unsigned	Processing Time Service Level – Pass
ProcessingTimeServiceLevelTotal	bigint(20) unsigned	Processing Time Service Level – Total
ProcessingTimeServiceLevelPerc	double	Processing Time Service Level
EndToEndTimeServiceLevelPass	bigint(20) unsigned	End-to-End Time Service Level – Pass
EndToEndTimeServiceLevelTotal	bigint(20) unsigned	End-to-End Time Service Level – Total
EndToEndTimeServiceLevelPerc	double	End-to-End Time Service Level
PagePeakCount	int(10) unsigned	Page Peak Count per Second

Application Value Count tables

These tables contain distributions and reference counter metrics for Application category objects for a specific time interval.

This schema applies to the following tables:

- ApplicationValueCount
- ApplicationByCityValueCount
- ApplicationByCountryValueCount
- ApplicationByIspValueCount
- ApplicationByRegionValueCount
- ApplicationByServer
- ApplicationBySubnetValueCount

* indicates the primary key

[1] indicates an index

Table 7. Application Value Count tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier

Table 7. Application Value Count tables schema

Column	Type	Comment
MeasureID *	smallint(6)	See MeasureID in Appendix A
GroupID *	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Application Resource tables

These tables contain information about the resources (or objects) in the Application categories.

This schema applies to the following tables:

- ApplicationResource
- ApplicationByCityResource
- ApplicationByCountryResource
- ApplicationByIspResource
- ApplicationByRegionResource
- ApplicationByServerResource
- ApplicationBySubnetResource

* indicates the primary key

[1] indicates an index

Table 8. Application Resource tables schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource
ConfigurationID	bigint(20)	Configuration database identifier for the Application

Enterprise database

The Enterprise database contains records for the Enterprise category.

For details, see these topics:

- Enterprise Metric table
- Enterprise ValueCount table
- Enterprise Resource table

Enterprise Metric table

This table contains metrics for an Enterprise object for a specific time interval.

This schema applies to the following table:

- Enterprise

* indicates the primary key

[1] indicates an index

Table 9. Enterprise Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count - User
ClientPacketSum	double	IP Packet Byte Volume - User
ClientPacketSumSq	double	IP Packet Size - User - Sum Sq
ClientPacketMin	double	IP Packet Size - User - Min
ClientPacketMax	double	IP Packet Size - User - Max
ClientPacketPerc	double	IP Packet Size - User - Perc
ClientPacketMean	double	IP Packet Size - User - Mean
ClientPacketStd	double	IP Packet Size - User - Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count - Server
ServerPacketSum	double	IP Packet Byte Volume - Server
ServerPacketSumSq	double	IP Packet Byte Volume - Server Sq
ServerPacketMin	double	IP Packet Size - Server - Min
ServerPacketMax	double	IP Packet Size - Server - Max
ServerPacketPerc	double	IP Packet Size - Server - Perc
ServerPacketMean	double	IP Packet Size - Server - Mean
ServerPacketStd	double	IP Packet Size - Server - Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size - User - Count
RequestDataSum	double	Command Byte Volume - User
RequestDataSumSq	double	Command Data Size - User - Sum Sq
RequestDataMin	double	Command Data Size - User - Min
RequestDataMax	double	Command Data Size - User - Max
RequestDataPerc	double	Command Data Size - User - Perc
RequestDataMean	double	Command Data Size - User - Mean
RequestDataStd	double	Command Data Size - User - Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size - Server - Count
ResponseDataSum	double	Command Byte Volume - Server
ResponseDataSumSq	double	Command Data Size - Server - Sum Sq
ResponseDataMin	double	Command Data Size - Server - Min
ResponseDataMax	double	Command Data Size - Server - Max
ResponseDataPerc	double	Command Data Size - Server - Perc

Table 9. Enterprise Metric table schema

Column	Type	Comment
ResponseDataMean	double	Command Data Size - Server - Mean
ResponseDataStd	double	Command Data Size - Server - Std Dev
ConnectionDurationCnt	bigint(20) unsigned	Connection Duration - Count
ConnectionDurationSum	double	Connection Duration - Sum
ConnectionDurationSumSq	double	Connection Duration - Sum Sq
ConnectionDurationMin	double	Connection Duration - Min
ConnectionDurationMax	double	Connection Duration - Max
ConnectionDurationPerc	double	Connection Duration - Perc
ConnectionDurationMean	double	Connection Duration - Mean
ConnectionDurationStd	double	Connection Duration - Std Dev
ConnectionCount	bigint(20) unsigned	Connection Count
ConnectionOpenWaitCount	bigint(20) unsigned	Connection Open Wait Count
ConnectionEstablishedCount	bigint(20) unsigned	Connection Established Count
ConnectionClosedCount	bigint(20) unsigned	Connection Closed Count
ConnectionTimeoutCount	bigint(20) unsigned	Connection Timeout Count
ConnectionResetCount	bigint(20) unsigned	Connection Reset Count
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time - Count
HitEndToEndTimeSum	double	Hit End-to-End Time - Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time - Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time - Min
HitEndToEndTimeMax	double	Hit End-to-End Time - Max
HitEndToEndTimePerc	double	Hit End-to-End Time - Perc
HitEndToEndTimeMean	double	Hit End-to-End Time - Mean
HitEndToEndTimeStd	double	Hit End-to-End Time - Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time - Count
CommandCompletionTimeSum	double	Command Completion Time - Sum
CommandCompletionTimeSumSq	double	Command Completion Time - Sum Sq
CommandCompletionTimeMin	double	Command Completion Time - Min
CommandCompletionTimeMax	double	Command Completion Time - Max
CommandCompletionTimePerc	double	Command Completion Time - Perc
CommandCompletionTimeMean	double	Command Completion Time - Mean
CommandCompletionTimeStd	double	Command Completion Time - Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time - Count
CommandProcessingTimeSum	double	Command Processing Time - Sum
CommandProcessingTimeSumSq	double	Command Processing Time - Sum Sq
CommandProcessingTimeMin	double	Command Processing Time - Min
CommandProcessingTimeMax	double	Command Processing Time - Max
CommandProcessingTimePerc	double	Command Processing Time - Perc
CommandProcessingTimeMean	double	Command Processing Time - Mean
CommandProcessingTimeStd	double	Command Processing Time - Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time - Count

Table 9. Enterprise Metric table schema

Column	Type	Comment
CommandInitialResponseTimeSum	double	Command Initial Response Time - Sum
CommandInitialResponseTimeSum Sq	double	Command Initial Response Time - Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time - Min
CommandInitialResponseTimeMax	double	Command Initial Response Time - Max
CommandInitialResponseTimePerc	double	Command Initial Response Time - Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time - Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time - Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time - Count
CommandClientTimeSum	double	Command Client Time - Sum
CommandClientTimeSumSq	double	Command Client Time - Sum Sq
CommandClientTimeMin	double	Command Client Time - Min
CommandClientTimeMax	double	Command Client Time - Max
CommandClientTimePerc	double	Command Client Time - Perc
CommandClientTimeMean	double	Command Client Time - Mean
CommandClientTimeStd	double	Command Client Time - Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency - Count
CommandNetworkLatencySum	double	Command Network Latency - Sum
CommandNetworkLatencySumSq	double	Command Network Latency - Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency - Min
CommandNetworkLatencyMax	double	Command Network Latency - Max
CommandNetworkLatencyPerc	double	Command Network Latency - Perc
CommandNetworkLatencyMean	double	Command Network Latency - Mean
CommandNetworkLatencyStd	double	Command Network Latency - Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio - Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio - Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio - Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio - Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio - Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio - Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio - Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio - Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
UserStickinessCnt	bigint(20) unsigned	User Stickiness - Count
UserStickinessSum	double	User Stickiness - Sum

Table 9. Enterprise Metric table schema

Column	Type	Comment
UserStickinessSumSq	double	User Stickiness - Sum Sq
UserStickinessMin	double	User Stickiness - Min
UserStickinessMax	double	User Stickiness - Max
UserStickinessPerc	double	User Stickiness - Perc
UserStickinessMean	double	User Stickiness - Mean
UserStickinessStd	double	User Stickiness - Std Dev
UserCount	bigint(20) unsigned	User Count
SessionCount	bigint(20) unsigned	Session Count
AccessSpeedCnt	bigint(20) unsigned	Access Speed - Count
AccessSpeedSum	double	Access Speed - Sum
AccessSpeedSumSq	double	Access Speed - Sum Sq
AccessSpeedMin	double	Access Speed - Min
AccessSpeedMax	double	Access Speed - Max
AccessSpeedPerc	double	Access Speed - Perc
AccessSpeedMean	double	Access Speed - Mean
AccessSpeedStd	double	Access Speed - Std Dev
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio - Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio - Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time - Count
PageEndToEndTimeSum	double	Page End-to-End Time - Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time - Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time - Min
PageEndToEndTimeMax	double	Page End-to-End Time - Max
PageEndToEndTimePerc	double	Page End-to-End Time - Perc
PageEndToEndTimeMean	double	Page End-to-End Time - Mean
PageEndToEndTimeStd	double	Page End-to-End Time - Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time - Count
PageProcessingTimeSum	double	Page Processing Time - Sum
PageProcessingTimeSumSq	double	Page Processing Time- Sum Sq
PageProcessingTimeMin	double	Page Processing Time - Min
PageProcessingTimeMax	double	Page Processing Time - Max
PageProcessingTimePerc	double	Page Processing Time - Perc
PageProcessingTimeMean	double	Page Processing Time - Mean
PageProcessingTimeStd	double	Page Processing Time - Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time - Count
PageClientTimeSum	double	Page Client Time - Sum
PageClientTimeSumSq	double	Page Client Time - Sum Sq
PageClientTimeMin	double	Page Client Time - Min
PageClientTimeMax	double	Page Client Time - Max
PageClientTimePerc	double	Page Client Time - Perc

Table 9. Enterprise Metric table schema

Column	Type	Comment
PageClientTimeMean	double	Page Client Time - Mean
PageClientTimeStd	double	Page Client Time - Std
PageThinkTimeCnt	bigint(20) unsigned	Page Think Time - Count
PageThinkTimeSum	double	Page Think Time - Sum
PageThinkTimeSumSq	double	Page Think Time - Sum Sq
PageThinkTimeMin	double	Page Think Time - Min
PageThinkTimeMax	double	Page Think Time - Max
PageThinkTimePerc	double	Page Think Time - Perc
PageThinkTimeMean	double	Page Think Time - Mean
PageThinkTimeStd	double	Page Think Time - Std Dev
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time - Count
PageStopTimeSum	double	Page Stop Time - Sum
PageStopTimeSumSq	double	Page Stop Time - Sum Sq
PageStopTimeMin	double	Page Stop Time - Min
PageStopTimeMax	double	Page Stop Time - Max
PageStopTimePerc	double	Page Stop Time - Perc
PageStopTimeMean	double	Page Stop Time - Mean
PageStopTimeStd	double	Page Stop Time - Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate - Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate - Total
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency - Count
PageNetworkLatencySum	double	Page Network Latency - Sum
PageNetworkLatencySumSq	double	Page Network Latency - Sum Sq
PageNetworkLatencyMin	double	Page Network Latency - Min
PageNetworkLatencyMax	double	Page Network Latency - Max
PageNetworkLatencyPerc	double	Page Network Latency - Perc
PageNetworkLatencyMean	double	Page Network Latency - Mean
PageNetworkLatencyStd	double	Page Network Latency - Std Dev
PageConnectionCountCnt	bigint(20) unsigned	Page Connection Count - Count
PageConnectionCountSum	double	Page Connection Count - Sum
PageConnectionCountSumSq	double	Page Connection Count - Sum Sq
PageConnectionCountMin	double	Page Connection Count - Min
PageConnectionCountMax	double	Page Connection Count - Max
PageConnectionCountPerc	double	Page Connection Count - Perc
PageConnectionCountMean	double	Page Connection Count - Mean
PageConnectionCountStd	double	Page Connection Count - Std Dev
PageElementCountCnt	bigint(20) unsigned	Page Element Count - Count
PageElementCountSum	double	Page Element Count - Sum
PageElementCountSumSq	double	Page Element Count - Sum Sq
PageElementCountMin	double	Page Element Count - Min
PageElementCountMax	double	Page Element Count - Max

Table 9. Enterprise Metric table schema

Column	Type	Comment
PageElementCountPerc	double	Page Element Count - Perc
PageElementCountMean	double	Page Element Count - Mean
PageElementCountStd	double	Page Element Count - Std Dev
PageDownloadSizeCnt	bigint(20) unsigned	Page Download Size - Count
PageDownloadSizeSum	double	Page Download Size - Sum
PageDownloadSizeSumSq	double	Page Download Size - Sum Sq
PageDownloadSizeMin	double	Page Download Size - Min
PageDownloadSizeMax	double	Page Download Size - Max
PageDownloadSizePerc	double	Page Download Size - Perc
PageDownloadSizeMean	double	Page Download Size - Mean
PageDownloadSizeStd	double	Page Download Size - Std Dev
PageTimeoutCount	bigint(20) unsigned	Page Timeout Count
DownloadTime1Cnt	bigint(20) unsigned	End-to-End Time Dialup Users - Count
DownloadTime1Sum	double	End-to-End Time Dialup Users - Sum
DownloadTime1SumSq	double	End-to-End Time Dialup Users - Sum Sq
DownloadTime1Min	double	End-to-End Time Dialup Users - Min
DownloadTime1Mean	double	End-to-End Time Dialup Users - Mean
DownloadTime1Max	double	End-to-End Time Dialup Users - Max
DownloadTime1Perc	double	End-to-End Time Dialup Users - Perc
DownloadTime1Mean	double	End-to-End Time Dialup Users - Mean
DownloadTime1Std	double	End-to-End Time Dialup Users - Std Dev
DownloadTime2Cnt	bigint(20) unsigned	End-to-End Time ISDN Users - Count
DownloadTime2Sum	double	End-to-End Time ISDN Users - Sum
DownloadTime2SumSq	double	End-to-End Time ISDN Users - Sum Sq
DownloadTime2Min	double	End-to-End Time ISDN Users - Min
DownloadTime2Mean	double	End-to-End Time ISDN Users - Mean
DownloadTime2Max	double	End-to-End Time ISDN Users - Max
DownloadTime2Perc	double	End-to-End Time ISDN Users - Perc
DownloadTime2Mean	double	End-to-End Time ISDN Users - Mean
DownloadTime2Std	double	End-to-End Time ISDN Users - Std Dev
DownloadTime3Cnt	bigint(20) unsigned	End-to-End Time Low-End Users - Count
DownloadTime3Sum	double	End-to-End Time Low-End Users - Sum
DownloadTime3SumSq	double	End-to-End Time Low-End Users - Sum Sq
DownloadTime3Min	double	End-to-End Time Low-End Users - Min
DownloadTime3Mean	double	End-to-End Time Low-End Users - Mean
DownloadTime3Max	double	End-to-End Time Low-End Users - Max
DownloadTime3Perc	double	End-to-End Time Low-End Users - Perc
DownloadTime3Mean	double	End-to-End Time Low-End Users - Mean
DownloadTime3Std	double	End-to-End Time Low-End Users - Std Dev
DownloadTime4Cnt	bigint(20) unsigned	End-to-End Time High-End Users - Count
DownloadTime4Sum	double	End-to-End Time High-End Users - Sum
DownloadTime4SumSq	double	End-to-End Time High-End Users - Sum Sq

Table 9. Enterprise Metric table schema

Column	Type	Comment
DownloadTime4Min	double	End-to-End Time High-End Users - Min
DownloadTime4Mean	double	End-to-End Time High-End Users - Mean
DownloadTime4Max	double	End-to-End Time High-End Users - Max
DownloadTime4Perc	double	End-to-End Time High-End Users - Perc
DownloadTime4Mean	double	End-to-End Time High-End Users - Mean
DownloadTime4Std	double	End-to-End Time High-End Users - Std Dev
DownloadTime5Cnt	bigint(20) unsigned	End-to-End Time T1 Users - Count
DownloadTime5Sum	double	End-to-End Time T1 Users - Sum
DownloadTime5SumSq	double	End-to-End Time T1 Users - Sum Sq
DownloadTime5Min	double	End-to-End Time T1 Users - Min
DownloadTime5Mean	double	End-to-End Time T1 Users - Mean
DownloadTime5Max	double	End-to-End Time T1 Users - Max
DownloadTime5Perc	double	End-to-End Time T1 Users - Perc
DownloadTime5Mean	double	End-to-End Time T1 Users - Mean
DownloadTime5Std	double	End-to-End Time T1 Users - Std Dev
ProcessingTimeServiceLevelPass	bigint(20) unsigned	Processing Time Service Level - Pass
ProcessingTimeServiceLevelTotal	bigint(20) unsigned	Processing Time Service Level - Total
ProcessingTimeServiceLevelPerc	double	Processing Time Service Level
EndToEndTimeServiceLevelPass	bigint(20) unsigned	End-to-End Time Service Level - Pass
EndToEndTimeServiceLevelTotal	bigint(20) unsigned	End-to-End Time Service Level - Total
EndToEndTimeServiceLevelPerc	double	End-to-End Time Service Level
ClicksPerSessionCnt	bigint(20) unsigned	Clicks per Session - Count
ClicksPerSessionSum	double	Clicks per Session - Sum
ClicksPerSessionSumSq	double	Clicks per Session - Sum Sq
ClicksPerSessionMin	double	Clicks per Session - Min
ClicksPerSessionMean	double	Clicks per Session - Mean
ClicksPerSessionMax	double	Clicks per Session - Max
ClicksPerSessionPerc	double	Clicks per Session - Perc
ClicksPerSessionMean	double	Clicks per Session - Mean
ClicksPerSessionStd	double	Clicks per Session - Std Dev
ServiceCount	bigint(20) unsigned	Service Count

Enterprise ValueCount table

This table contains distributions and reference counter metrics for an Enterprise object for a specific time interval.

This schema applies to following table:

- EnterpriseValueCount

* indicates the primary key

[1] indicates an index

Table 10. Enterprise ValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Enterprise Resource table

This table contains information about the resources (or objects) in the Enterprise category.

This schema applies for the following table:

- EnterpriseResource

* indicates the primary key

[1] indicates an index

Table 11. Enterprise Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	Unused
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

HTTP Fault database

The HttpFault database contains records for the HTTP Fault category.

HTTP Fault table

This table contains records for each HTTP Fault object.

This schema applies to the following table:

- Httpfault

* indicates the primary key

[1] indicates an index

Table 12. HTTP Fault table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ResourceID *	char(34)	Unique identifier for this resource (object)
TimeStamp *	datetime	See TimeStamp in Appendix A
URL	varchar(1024)	URL that triggered the fault
ServerID	char(34)	Unique identifier for Server where fault occurred
UserSessionID	char(34)	Unique identifier for User session that triggered fault
HitID	char(34)	Unique identifier for Hit that fault occurred on
ResponseCode	int(10) unsigned	HTTP response code that was returned (4xx 5xx)
EventTime	datetime	Date and time the fault occurred
Referrer	varchar(1024)	Referring URL

Location database

The Location database contains records for the Location categories:

- City
- Country
- Isp
- Region

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Location Metric table
- Location ValueCount tables
- Location Resource tables

Location Metric table

This table contains metrics for Location category objects for a specific time interval.

This schema applies to the following tables:

- City
- Country
- Isp
- Region

* indicates the primary key

[1] indicates an index

Table 13. Location Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A

Table 13. Location Metric table schema

Column	Type	Comment
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq

Table 13. Location Metric table schema

Column	Type	Comment
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min

Table 13. Location Metric table schema

Column	Type	Comment
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
UserStickinessCnt	bigint(20) unsigned	User Stickiness – Count
UserStickinessSum	double	User Stickiness – Sum
UserStickinessSumSq	double	User Stickiness – Sum Sq
UserStickinessMin	double	User Stickiness – Min
UserStickinessMax	double	User Stickiness – Max
UserStickinessPerc	double	User Stickiness – Perc
UserStickinessMean	double	User Stickiness – Mean
UserStickinessStd	double	User Stickiness – Std Dev
UserCount	bigint(20) unsigned	User Count
SessionCount	bigint(20) unsigned	Session Count
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc
PageEndToEndTimeMean	double	Page End-to-End Time – Mean
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev

Table 13. Location Metric table schema

Column	Type	Comment
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate – Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate – Total
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev
AccessSpeedCnt	bigint(20) unsigned	Access Speed – Count
AccessSpeedSum	double	Access Speed – Sum
AccessSpeedSumSq	double	Access Speed – Sum Sq
AccessSpeedMin	double	Access Speed – Min
AccessSpeedMax	double	Access Speed – Max
AccessSpeedPerc	double	Access Speed – Perc

Table 13. Location Metric table schema

Column	Type	Comment
AccessSpeedMean	double	Access Speed – Mean
AccessSpeedStd	double	Access Speed – Std Dev

Location ValueCount tables

These tables contain distributions and reference counter metrics for Location category objects for a specific time interval.

This schema applies to the following tables:

- CityValueCount
- CountryValueCount
- IspValueCount
- RegionValueCount

* indicates the primary key

[1] indicates an index

Table 14. Location ValueCount tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Location Resource tables

These tables contain information about the resources (or objects) in the Location categories.

This schema applies to the following tables:

- CityResource
- CountryResource
- IspResource
- RegionResource

* indicates the primary key

[1] indicates an index

Table 15. Location Resource tables schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource
CountryCode	varchar(64)	Unique identifier for the country
RegionCode	varchar(128)	Unique identifier for the region
Latitude	double	**CityResource only**: Latitude of city in degrees
Longitude	double	**CityResource only**: Longitude of city in degrees

Instrumented Application database

The Instrumented Application database contains records for the Instrumented Application categories:

- Instrumented Application Component
- Instrumented Application Component by City
- Instrumented Application Component by Country
- Instrumented Application Component by ISP
- Instrumented Application Component by Region

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Instrumented Application Metric tables
- Instrumented Application Resource tables

Instrumented Application Metric tables

These tables contain metrics for Instrumented Application category objects for a specific time interval.

This schema applies to the following tables:

- InstrumentedApplication
- InstrumentedApplicationByCity
- InstrumentedApplicationByCountry
- InstrumentedApplicationByISP
- InstrumentedApplicationByRegion

* indicates the primary key

[1] indicates an index

Table 16. Instrumented Application Metric tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType*	tinyint(4)	See TimeType in Appendix A
TimePeriod*	tinyint(3) unsigned	See TimePeriod in Appendix A

Table 16. Instrumented Application Metric tables schema

Column	Type	Comment
ResourceID*	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
InstrumentMcs1Cnt	bigint(20) unsigned	Custom Standard Metric #1 - Count
InstrumentMcs1Sum	double	Custom Standard Metric #1 - Sum
InstrumentMcs1SumSq	double	Custom Standard Metric #1 - Sum Sq
InstrumentMcs1Min	double	Custom Standard Metric #1 - Min
InstrumentMcs1Max	double	Custom Standard Metric #1 - Max
InstrumentMcs1Perc	double	Custom Standard Metric #1 - Perc
InstrumentMcs1Mean	double	Custom Standard Metric #1 - Mean
InstrumentMcs1Std	double	Custom Standard Metric #1 - Std Dev
InstrumentMcs2Cnt	bigint(20) unsigned	Custom Standard Metric #2 - Count
InstrumentMcs2Sum	double	Custom Standard Metric #2 - Sum
InstrumentMcs2SumSq	double	Custom Standard Metric #2 - Sum Sq
InstrumentMcs2Min	double	Custom Standard Metric #2 - Min
InstrumentMcs2Max	double	Custom Standard Metric #2 - Max
InstrumentMcs2Perc	double	Custom Standard Metric #2 - Perc
InstrumentMcs2Mean	double	Custom Standard Metric #2 - Mean
InstrumentMcs2Std	double	Custom Standard Metric #2 - Std Dev
InstrumentMcs3Cnt	bigint(20) unsigned	Custom Standard Metric #3 - Count
InstrumentMcs3Sum	double	Custom Standard Metric #3 - Sum
InstrumentMcs3SumSq	double	Custom Standard Metric #3 - Sum Sq
InstrumentMcs3Min	double	Custom Standard Metric #3 - Min
InstrumentMcs3Max	double	Custom Standard Metric #3 - Max
InstrumentMcs3Perc	double	Custom Standard Metric #3 - Perc
InstrumentMcs3Mean	double	Custom Standard Metric #3 - Mean
InstrumentMcs3Std	double	Custom Standard Metric #3 - Std Dev
InstrumentMcs4Cnt	bigint(20) unsigned	Custom Standard Metric #4 - Count
InstrumentMcs4Sum	double	Custom Standard Metric #4 - Sum
InstrumentMcs4SumSq	double	Custom Standard Metric #4 - Sum Sq
InstrumentMcs4Min	double	Custom Standard Metric #4 - Min
InstrumentMcs4Max	double	Custom Standard Metric #4 - Max
InstrumentMcs4Perc	double	Custom Standard Metric #4 - Perc
InstrumentMcs4Mean	double	Custom Standard Metric #4 - Mean
InstrumentMcs4Std	double	Custom Standard Metric #4 - Std Dev
InstrumentMcs5Cnt	bigint(20) unsigned	Custom Standard Metric #5 - Count
InstrumentMcs5Sum	double	Custom Standard Metric #5 - Sum
InstrumentMcs5SumSq	double	Custom Standard Metric #5 - Sum Sq
InstrumentMcs5Min	double	Custom Standard Metric #5 - Min
InstrumentMcs5Max	double	Custom Standard Metric #5 - Max

Table 16. Instrumented Application Metric tables schema

Column	Type	Comment
InstrumentMcs5Perc	double	Custom Standard Metric #5 - Perc
InstrumentMcs5Mean	double	Custom Standard Metric #5 - Mean
InstrumentMcs5Std	double	Custom Standard Metric #5 - Std Dev
InstrumentCount1	double	Custom Count Metric #1
InstrumentCount2	double	Custom Count Metric #2
InstrumentCount3	double	Custom Count Metric #3
InstrumentCount4	double	Custom Count Metric #4
InstrumentCount5	double	Custom Count Metric #5
LoadTimeCnt	bigint(20) unsigned	Load Time - Count
LoadTimeSum	double	Load Time - Sum
LoadTimeSumSq	double	Load Time - Sum Sq
LoadTimeMin	double	Load Time - Min
LoadTimeMax	double	Load Time - Max
LoadTimePerc	double	Load Time - Perc
LoadTimeMean	double	Load Time - Mean
LoadTimeStd	double	Load Time - Std Dev
UnloadTimeCnt	bigint(20) unsigned	Unload Time - Count
UnloadTimeSum	double	Unload Time - Sum
UnloadTimeSumSq	double	Unload Time - Sum Sq
UnloadTimeMin	double	Unload Time - Min
UnloadTimeMax	double	Unload Time - Max
UnloadTimePerc	double	Unload Time - Perc
UnloadTimeMean	double	Unload Time - Mean
UnloadTimeStd	double	Unload Time - Std Dev
PageViewCount	bigint(20) unsigned	Page Views
SessionCount	bigint(20) unsigned	Session Count

Instrumented Application Resource tables

These tables contain information about the resources (or objects) in the Instrumented Application categories.

This schema applies to the following tables:

- InstrumentedApplicationResource
- InstrumentedApplicationByCityResource
- InstrumentedApplicationByCountryResource
- InstrumentedApplicationByISPResource
- InstrumentedApplicationByRegionResource

* indicates the primary key

Table 17. Instrumented Application Resource tables schema

Column	Type	Comment
Inactive	tinyint(1)	For internal use only
ResourceID*	char(34)	Unique identifier for this resource (object)

Table 17. Instrumented Application Resource tables schema

Column	Type	Comment
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource
ConfigurationID	bigint(20)	Configuration database identifier for the Instrumented Application

Page database

The Page database contains records for the Page categories:

- Content Type
- Hit
- Page
- Instrumented Page
- Path
- Synthetic Service

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Content Type Metric table
- Hits Metric table
- Page Metric table
- Instrumented Page Metric table
- Path Metric table
- Synthetic Service Metric table
- Page ValueCount tables
- Page Resource tables
- Page Relation tables

Content Type Metric table

This table contains metrics for Content Type category objects for a specific time interval.

This schema applies to the following table:

- ContentType

* indicates the primary key

[1] indicates an index

Table 18. Content Type Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A

Table 18. Content Type Metric table schema

Column	Type	Comment
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min

Table 18. Content Type Metric table schema

Column	Type	Comment
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max

Table 18. Content Type Metric table schema

Column	Type	Comment
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio

Hits Metric table

This table contains metrics for Hit category objects for a specific time interval.

This schema applies to the following table:

- Hit

* indicates the primary key

[1] indicates an index

Table 19. Hits Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count

Table 19. Hits Metric table schema

Column	Type	Comment
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum

Table 19. Hits Metric table schema

Column	Type	Comment
CommandInitialResponseTimeSumq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
HitSize	bigint(20) unsigned	Hit Size
ResponseCodeCount	bigint(20) unsigned	Response Code Count

Page Metric table

This table contains metrics for Page category objects for a specific time interval.

This schema applies to the following table:

- Page

* indicates the primary key

[1] indicates an index

Table 20. Page Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A

Table 20. Page Metric table schema

Column	Type	Comment
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	SeeTimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio

Table 20. Page Metric table schema

Column	Type	Comment
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc
PageEndToEndTimeMean	double	Page End-to-End Time – Mean
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageThinkTimeCnt	bigint(20) unsigned	Page Think Time – Count
PageThinkTimeSum	double	Page Think Time – Sum
PageThinkTimeSumSq	double	Page Think Time – Sum Sq
PageThinkTimeMin	double	Page Think Time – Min
PageThinkTimeMax	double	Page Think Time – Max
PageThinkTimePerc	double	Page Think Time – Perc
PageThinkTimeMean	double	Page Think Time – Mean
PageThinkTimeStd	double	Page Think Time – Std Dev
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate – Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate – Total

Table 20. Page Metric table schema

Column	Type	Comment
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev
PageConnectionCountCnt	bigint(20) unsigned	Page Connection Count – Count
PageConnectionCountSum	double	Page Connection Count – Sum
PageConnectionCountSumSq	double	Page Connection Count – Sum Sq
PageConnectionCountMin	double	Page Connection Count – Min
PageConnectionCountMax	double	Page Connection Count – Max
PageConnectionCountPerc	double	Page Connection Count – Perc
PageConnectionCountMean	double	Page Connection Count – Mean
PageConnectionCountStd	double	Page Connection Count – Std Dev
PageElementCountCnt	bigint(20) unsigned	Page Element Count – Count
PageElementCountSum	double	Page Element Count – Sum
PageElementCountSumSq	double	Page Element Count – Sum Sq
PageElementCountMin	double	Page Element Count – Min
PageElementCountMax	double	Page Element Count – Max
PageElementCountPerc	double	Page Element Count – Perc
PageElementCountMean	double	Page Element Count – Mean
PageElementCountStd	double	Page Element Count – Std Dev
PageDownloadSizeCnt	bigint(20) unsigned	Page Download Size – Count
PageDownloadSizeSum	double	Page Download Size – Sum
PageDownloadSizeSumSq	double	Page Download Size – Sum Sq
PageDownloadSizeMin	double	Page Download Size – Min
PageDownloadSizeMax	double	Page Download Size – Max
PageDownloadSizePerc	double	Page Download Size – Perc
PageDownloadSizeMean	double	Page Download Size – Mean
PageDownloadSizeStd	double	Page Download Size – Std Dev
PageTimeoutCount	bigint(20) unsigned	Page Timeout Count
PageExitCount	bigint(20) unsigned	Page Exit Count
ComponentListSize	bigint(20) unsigned	Component List Size

Instrumented Page Metric table

This table contains metrics for Instrumented Page category objects for a specific time interval.

This schema applies to the following table:

- InstrumentedPage

* indicates the primary key

[1] indicates an index

Table 21. Instrumented Page Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType*	tinyint(4)	See TimeType in Appendix A
TimePeriod*	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID*	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
InstrumentMcs1Cnt	bigint(20) unsigned	Custom Standard Metric #1 - Count
InstrumentMcs1Sum	double	Custom Standard Metric #1 - Sum
InstrumentMcs1SumSq	double	Custom Standard Metric #1 - Sum Sq
InstrumentMcs1Min	double	Custom Standard Metric #1 - Min
InstrumentMcs1Max	double	Custom Standard Metric #1 - Max
InstrumentMcs1Perc	double	Custom Standard Metric #1 - Perc
InstrumentMcs1Mean	double	Custom Standard Metric #1 - Mean
InstrumentMcs1Std	double	Custom Standard Metric #1 - Std Dev
InstrumentMcs2Cnt	bigint(20) unsigned	Custom Standard Metric #2 - Count
InstrumentMcs2Sum	double	Custom Standard Metric #2 - Sum
InstrumentMcs2SumSq	double	Custom Standard Metric #2 - Sum Sq
InstrumentMcs2Min	double	Custom Standard Metric #2 - Min
InstrumentMcs2Max	double	Custom Standard Metric #2 - Max
InstrumentMcs2Perc	double	Custom Standard Metric #2 - Perc
InstrumentMcs2Mean	double	Custom Standard Metric #2 - Mean
InstrumentMcs2Std	double	Custom Standard Metric #2 - Std Dev
InstrumentMcs3Cnt	bigint(20) unsigned	Custom Standard Metric #3 - Count
InstrumentMcs3Sum	double	Custom Standard Metric #3 - Sum
InstrumentMcs3SumSq	double	Custom Standard Metric #3 - Sum Sq
InstrumentMcs3Min	double	Custom Standard Metric #3 - Min
InstrumentMcs3Max	double	Custom Standard Metric #3 - Max
InstrumentMcs3Perc	double	Custom Standard Metric #3 - Perc
InstrumentMcs3Mean	double	Custom Standard Metric #3 - Mean
InstrumentMcs3Std	double	Custom Standard Metric #3 - Std Dev
InstrumentMcs4Cnt	bigint(20) unsigned	Custom Standard Metric #4 - Count
InstrumentMcs4Sum	double	Custom Standard Metric #4 - Sum
InstrumentMcs4SumSq	double	Custom Standard Metric #4 - Sum Sq
InstrumentMcs4Min	double	Custom Standard Metric #4 - Min
InstrumentMcs4Max	double	Custom Standard Metric #4 - Max
InstrumentMcs4Perc	double	Custom Standard Metric #4 - Perc
InstrumentMcs4Mean	double	Custom Standard Metric #4 - Mean
InstrumentMcs4Std	double	Custom Standard Metric #4 - Std Dev

Table 21. Instrumented Page Metric table schema

Column	Type	Comment
InstrumentMcs5Cnt	bigint(20) unsigned	Custom Standard Metric #5 - Count
InstrumentMcs5Sum	double	Custom Standard Metric #5 - Sum
InstrumentMcs5SumSq	double	Custom Standard Metric #5 - Sum Sq
InstrumentMcs5Min	double	Custom Standard Metric #5 - Min
InstrumentMcs5Max	double	Custom Standard Metric #5 - Max
InstrumentMcs5Perc	double	Custom Standard Metric #5 - Perc
InstrumentMcs5Mean	double	Custom Standard Metric #5 - Mean
InstrumentMcs5Std	double	Custom Standard Metric #5 - Std Dev
InstrumentCount1	double	Custom Count Metric #1
InstrumentCount2	double	Custom Count Metric #2
InstrumentCount3	double	Custom Count Metric #3
InstrumentCount4	double	Custom Count Metric #4
InstrumentCount5	double	Custom Count Metric #5
LoadTimeCnt	bigint(20) unsigned	Load Time - Count
LoadTimeSum	double	Load Time - Sum
LoadTimeSumSq	double	Load Time - Sum Sq
LoadTimeMin	double	Load Time - Min
LoadTimeMax	double	Load Time - Max
LoadTimePerc	double	Load Time - Perc
LoadTimeMean	double	Load Time - Mean
LoadTimeStd	double	Load Time - Std Dev
UnloadTimeCnt	bigint(20) unsigned	Unload Time - Count
UnloadTimeSum	double	Unload Time - Sum
UnloadTimeSumSq	double	Unload Time - Sum Sq
UnloadTimeMin	double	Unload Time - Min
UnloadTimeMax	double	Unload Time - Max
UnloadTimePerc	double	Unload Time - Perc
UnloadTimeMean	double	Unload Time - Mean
UnloadTimeStd	double	Unload Time - Std Dev
PageViewCount	bigint(20) unsigned	Page Views

Path Metric table

This table contains metrics for Path category objects for a specific time interval.

This schema applies to the following table:

- Path

* indicates the primary key

[1] indicates an index

Table 22. Path Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
PathDurationCnt	bigint(20) unsigned	Path Duration – Count
PathDurationSum	double	I Path Duration – Sum
PathDurationSumSq	double	Path Duration – Sum Sq
PathDurationMin	double	Path Duration – Min
PathDurationMax	double	Path Duration – Max
PathDurationPerc	double	Path Duration – Perc
PathDurationMean	double	Path Duration – Mean
PathDurationStd	double	Path Duration – Std Dev
PathEndToEndCnt	bigint(20) unsigned	Path End-to-End Time – Count
PathEndToEndSum	double	Path End-to-End Time – Sum
PathEndToEndSumSq	double	Path End-to-End Time – Sum Sq
PathEndToEndMin	double	Path End-to-End Time – Min
PathEndToEndMax	double	Path End-to-End Time – Max
PathEndToEndPerc	double	Path End-to-End Time – Perc
PathEndToEndMean	double	Path End-to-End Time – Mean
PathEndToEndStd	double	Path End-to-End Time – Std Dev

Synthetic Service Metric table

This table contains metrics for Synthetic Transaction category objects for a specific time interval.

This schema applies to the following table:

- SyntheticService

* indicates the primary key

[1] indicates an index

Table 23. Synthetic Service Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A

Table 23. Synthetic Service Metric table schema

Column	Type	Comment
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
PathDurationCnt	bigint(20) unsigned	Path Duration – Count
PathDurationSum	double	I Path Duration – Sum
PathDurationSumSq	double	Path Duration – Sum Sq
PathDurationMin	double	Path Duration – Min
PathDurationMax	double	Path Duration – Max
PathDurationPerc	double	Path Duration – Perc
PathDurationMean	double	Path Duration – Mean
PathDurationStd	double	Path Duration – Std Dev
PathEndToEndCnt	bigint(20) unsigned	Path End-to-End Time – Count
PathEndToEndSum	double	Path End-to-End Time – Sum
PathEndToEndSumSq	double	Path End-to-End Time – Sum Sq
PathEndToEndMin	double	Path End-to-End Time – Min
PathEndToEndMax	double	Path End-to-End Time – Max
PathEndToEndPerc	double	Path End-to-End Time – Perc
PathEndToEndMean	double	Path End-to-End Time – Mean
PathEndToEndStd	double	Path End-to-End Time – Std Dev

Page ValueCount tables

These tables contain distributions and reference counter metrics for Page category objects for a specific time interval.

This schema applies to the following tables:

- ContentTypeValueCount
- HitValueCount
- PageValueCount
- RegionValueCount

* indicates the primary key

[1] indicates an index

Table 24. Page ValueCount tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)

Table 24. Page ValueCount tables schema

Column	Type	Comment
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Page Resource tables

These tables contain information about the resources (or objects) in the Page categories.

This schema applies to the following tables:

- ContentTypeResource
- HitResource
- PageResource
- InstrumentedPageResource

* indicates the primary key

[1] indicates an index

Table 25. Page Resource tables schema 1

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource
HTTP	tinyint(1)	1 = resource has HTTP metrics
HTTPS	tinyint(1)	1 = resource has HTTPS metrics

This schema applies to the following tables:

- PathResource
- SyntheticServiceResource

Table 26. Page Resource tables schema 2

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

Page Relation tables

These tables contain information about object relationships in the Page categories whose metrics have been recorded. The ResourceID and ChildResourceID columns identify the parent and child objects respectively.

This schema applies to the following tables:

- HitRelation
- PageRelation
- PathRelation

- SyntheticServiceRelation

* indicates the primary key

[1] indicates an index

Table 27. Page Relation tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
ChildResourceID *	char(34)	Unique identifier for this resource (object)
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
SequenceID	smallint(6)	Ordinal position in a sequence if applicable
ChildGroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ChildCount	bigint(20)	Count for the relationship if applicable

Protocol database

The Protocol database contains records for the HTTP Protocol and TCP Protocol categories. The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Protocol Metric tables
- Protocol ValueCount table
- Protocol Resource table
- TCP Protocol Metric tables
- TCP Protocol Resource table

Protocol Metric tables

This table contains metrics for Protocol category objects for a specific time interval.

This schema applies to the following table:

- Protocol

* indicates the primary key

[1] indicates an index

Table 28. Protocol Metric tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)

Table 28. Protocol Metric tables schema

Column	Type	Comment
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max

Table 28. Protocol Metric tables schema

Column	Type	Comment
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumSq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc

Table 28. Protocol Metric tables schema

Column	Type	Comment
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
ConnectionDurationCnt	bigint(20) unsigned	Connection Duration – Count
ConnectionDurationSum	double	Connection Duration – Sum
ConnectionDurationSumSq	double	Connection Duration – Sum Sq
ConnectionDurationMin	double	Connection Duration – Min
ConnectionDurationMax	double	Connection Duration – Max
ConnectionDurationPerc	double	Connection Duration – Perc
ConnectionDurationMean	double	Connection Duration – Mean
ConnectionDurationStd	double	Connection Duration – Std Dev
ConnectionCount	bigint(20) unsigned	Connection Count
ConnectionOpenWaitCount	bigint(20) unsigned	Connection Open Wait Count
ConnectionEstablishedCount	bigint(20) unsigned	Connection Established Count
ConnectionClosedCount	bigint(20) unsigned	Connection Closed Count
ConnectionTimeoutCount	bigint(20) unsigned	Connection Timeout Count
ConnectionResetCount	bigint(20) unsigned	Connection Reset Count
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc

Table 28. Protocol Metric tables schema

Column	Type	Comment
PageEndToEndTimeMean	double	Page End-to-End Time – Mean
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev
UserStickinessCnt	bigint(20) unsigned	User Stickiness – Count
UserStickinessSum	double	User Stickiness – Sum
UserStickinessSumSq	double	User Stickiness – Sum Sq
UserStickinessMin	double	User Stickiness – Min
UserStickinessMax	double	User Stickiness – Max
UserStickinessPerc	double	User Stickiness – Perc
UserStickinessMean	double	User Stickiness – Mean
UserStickinessStd	double	User Stickiness – Std Dev

Table 28. Protocol Metric tables schema

Column	Type	Comment
UserCount	bigint(20) unsigned	User Count
SessionCount	bigint(20) unsigned	Session Count

Protocol ValueCount table

This table contains distributions and reference counter metrics for Protocol category objects for a specific time interval.

This schema applies to the following table:

- ProtocolValueCount

* indicates the primary key

[1] indicates an index

Table 29. Protocol ValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Protocol Resource table

These tables contain information about the resources (or objects) in the Server category.

This schema applies to the following table:

- ProtocolResource

* indicates the primary key

[1] indicates an index

Table 30. Protocol Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

TCP Protocol Metric tables

This table contains metrics for TCP Protocol category objects for a specific time interval.

This schema applies to the following tables:

- TcpProtocol
- TcpProtocolServer
- TcpProtocolSubnet

* indicates the primary key

[1] indicates an index

Table 31. TCP Protocol Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ConnectionDurationCnt	bigint(20) unsigned	Connection Duration – Count
ConnectionDurationSum	double	Connection Duration – Sum
ConnectionDurationSumSq	double	Connection Duration – Sum Sq
ConnectionDurationMin	double	Connection Duration – Min
ConnectionDurationMax	double	Connection Duration – Max
ConnectionDurationPerc	double	Connection Duration – Perc
ConnectionDurationMean	double	Connection Duration – Mean
ConnectionDurationStd	double	Connection Duration – Std Dev
ConnectionCount	bigint(20) unsigned	Connection Count
ConnectionOpenWaitCount	bigint(20) unsigned	Connection Open Wait Count
ConnectionEstablishedCount	bigint(20) unsigned	Connection Established Count
ConnectionClosedCount	bigint(20) unsigned	Connection Closed Count
ConnectionTimeoutCount	bigint(20) unsigned	Connection Timeout Count
ConnectionResetCount	bigint(20) unsigned	Connection Reset Count
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TcpCommandClientTimeCnt	bigint(20) unsigned	TCP Command Client Time – Count
TcpCommandClientTimeSum	double	TCP Command Client Time – Sum
TcpCommandClientTimeSumSq	double	TCP Command Client Time – Sum Sq
TcpCommandClientTimeMin	double	TCP Command Client Time – Min
TcpCommandClientTimeMax	double	TCP Command Client Time – Max
TcpCommandClientTimePerc	double	TCP Command Client Time – Perc
TcpCommandClientTimeMean	double	TCP Command Client Time – Mean
TcpCommandClientTimeStd	double	TCP Command Client Time – Std Dev
TcpCommandCompletionTimeCnt	bigint(20) unsigned	TCP Command Completion Time – Count
TcpCommandCompletionTimeSum	double	TCP Command Completion Time – Sum
TcpCommandCompletionTimeSumSq	double	TCP Command Completion Time – Sum Sq

Table 31. TCP Protocol Metric table schema

Column	Type	Comment
TcpCommandCompletionTimeMin	double	TCP Command Completion Time – Min
TcpCommandCompletionTimeMax	double	TCP Command Completion Time – Max
TcpCommandCompletionTimeMean	double	TCP Command Completion Time – Perc
TcpCommandCompletionTimePerc	double	TCP Command Completion Time – Mean
TcpCommandCompletionTimeStd	double	TCP Command Completion Time – Std Dev
TcpCommandCount	bigint(20) unsigned	TCP Command Count
TcpCommandProcessingTimeCnt	bigint(20) unsigned	TCP Command Processing Time - Count
TcpCommandProcessingTimeSum	double	TCP Command Processing Time – Sum
TcpCommandProcessingTimeSumSq	double	TCP Command Processing Time – Sum Sq
TcpCommandProcessingTimeMin	double	TCP Command Processing Time – Sum Sq
TcpCommandProcessingTimeMax	double	TCP Command Processing Time – Max
TcpCommandProcessingimePerc	double	TCP Command Processing Time – Perc
TcpCommandProcessingTimeMean	double	TCP Command Processing Time – Mean
TcpCommandProcessingTimeStd	double	TCP Command Processing Time – Std Dev
TcpControlSegmentsClientCnt	bigint(20) unsigned	TCP Control Segment Count - Client
TcpControlSegmentsClientMax	double	Segment Size - Client - Max
TcpControlSegmentsClientMean	double	Segment Size - Client - Mean
TcpControlSegmentsClientMin	double	Segment Size - Client - Min
TcpControlSegmentsClientPerc	double	Segment Size - Client - Perc
TcpControlSegmentsClientSum	double	Segment Byte Volume - Client
TcpControlSegmentsClientSumSq	double	Segment Size - Client - SumSq
TcpControlSegmentsClientStd	double	Segment Size - Client - Std Dev
TcpControlSegmentsServerCnt	bigint(20) unsigned	TCP Control Segment Count - Server
TcpControlSegmentsServerMax	double	Segment Size - Server - Max
TcpControlSegmentsServerMean	double	Segment Size - Server - Mean
TcpControlSegmentsServerMin	double	Segment Size - Server - Min
TcpControlSegmentsServerPerc	double	Segment Size - Server - Perc
TcpControlSegmentsServerStd	double	Segment Size - Server - Std Dev
TcpControlSegmentsServerSum	double	Segment Byte Volume - Server
TcpControlSegmentsServerSumSq	double	Segment Size - Server - SumSq
TcpDataSegmentsClientCnt	bigint(20) unsigned	TCP Data Segment Count - Client
TcpDataSegmentsClientMax	double	Segment Size - Client - Max
TcpDataSegmentsClientMean	double	Segment Size - Client - Mean
TcpDataSegmentsClientMin	double	Segment Size - Client - Min
TcpDataSegmentsClientPerc	double	Segment Size - Client - Perc
TcpDataSegmentsClientStd	double	Segment Size - Client - Std Dev
TcpDataSegmentsClientSum	double	TcpDataSegmentsClientSum
TcpDataSegmentsClientSumSq	double	Data Segment Size - Client - SumSq
TcpDataSegmentsServerCnt	bigint(20) unsigned	TCP Data Segment Count - Server

Table 31. TCP Protocol Metric table schema

Column	Type	Comment
TcpDataSegmentsServerMax	double	TCP Data Segment Size - Server - Max
TcpDataSegmentsServerMean	double	TCP Data Segment Size - Server - Mean
TcpDataSegmentsServerMin	double	TCP Data Segment Size - Server - Min
TcpDataSegmentsServerPerc	double	TCP Data Segment Size - Server - Perc
TcpDataSegmentsServerStd	double	TCP Data Segment Size - Server - Std Dev
TcpDataSegmentsServerSum	double	TCP Data Segment Byte Volume - Server
TcpDataSegmentsServerSumSq	double	TCP Data Segment Size - Server - SumSq
TcpDupResendSegmentsClientCnt	bigint(20) unsigned	TCP Duplicate Resend Segment Count - Client
TcpDupResendSegmentsClientMax	double	TCP Duplicate Resend Segment Size - Client - Max
TcpDupResendSegmentsClientMean	double	TCP Duplicate Resend Segment Size - Client - Mean
TcpDupResendSegmentsClientMin	double	TCP Duplicate Resend Segment Size - Client - Min
TcpDupResendSegmentsClientPerc	double	TCP Duplicate Resend Segment Size - Client - Perc
TcpDupResendSegmentsClientStd	double	TCP Duplicate Resend Segment Size - Client - Std Dev
TcpDupResendSegmentsClientSum	double	TCP Duplicate Resend Segment Byte Volume - Client
TcpDupResendSegmentsClientSumSq	double	TCP Duplicate Resend Segment Size - Client - SumSq
TcpDupResendSegmentsServerCnt	bigint(20) unsigned	TCP Duplicate Resend Segment Count - Server
TcpDupResendSegmentsServerMax	double	TCP Duplicate Resend Segment Size - Server - Max
TcpDupResendSegmentsServerMean	double	TCP Duplicate Resend Segment Size - Server - Mean
TcpDupResendSegmentsServerMin	double	TCP Duplicate Resend Segment Size - Server - Min
TcpDupResendSegmentsServerPerc	double	TCP Duplicate Resend Segment Size - Server - Perc
TcpDupResendSegmentsServerStd	double	TCP Duplicate Resend Segment Size - Server - Std Dev
TcpDupResendSegmentsServerSum	double	TCP Duplicate Resend Segment Byte Volume - Server
TcpDupResendSegmentsServerSumSq	double	TCP Duplicate Resend Segment Size - Server - SumSq
TcpFragmentedSegmentsClientCnt	bigint(20) unsigned	TCP Fragmented Segment Count – Client
TcpFragmentedSegmentsClientSum	double	TCP Fragmented Segment Byte Volume – Client
TcpFragmentedSegmentsClientSumSq	double	TCP Fragmented Segment Size – Client – Sum Sq

Table 31. TCP Protocol Metric table schema

Column	Type	Comment
TcpFragmentedSegmentsClientMax	double	TCP Fragmented Segment Size – Client – Max
TcpFragmentedSegmentsClientPerc	double	TCP Fragmented Segment Size – Client – Perc
TcpFragmentedSegmentsServerCnt	bigint(20) unsigned	TCP Fragmented Segment Count – Server
TcpFragmentedSegmentsServerSum	double	TCP Fragmented Segment Byte Volume – Server
TcpFragmentedSegmentsServerSumSq	double	TCP Fragmented Segment Size – Server – Sum Sq
TcpFragmentedSegmentsServerMin	double	TCP Fragmented Segment Size – Server – Min
TcpFragmentedSegmentsServerMax	double	TCP Fragmented Segment Size – Server – Max
TcpFragmentedSegmentsServerPerc	double	TCP Fragmented Segment Size – Server – Perc
TcpInvalidChecksumSegmentsClientCnt	bigint(20) unsigned	TCP Invalid Checksum Segment Count – Client
TcpInvalidChecksumSegmentsClientSum	double	TCP Invalid Checksum Segment Byte Volume – Client
TcpInvalidChecksumSegmentsClientSumSq	double	TCP Invalid Checksum Segment Size – Client – Sum Sq
TcpInvalidChecksumSegmentsClientMin	double	TCP Invalid Checksum Segment Size – Client – Min
TcpInvalidChecksumSegmentsClientMax	double	TCP Invalid Checksum Segment Size – Client – Max
TcpInvalidChecksumSegmentsClientPerc	double	TCP Invalid Checksum Segment Size – Client – Perc
TcpInvalidChecksumSegmentsServerCnt	bigint(20) unsigned	TCP Invalid Checksum Segment Count – Server
TcpInvalidChecksumSegmentsServerSum	double	TCP Invalid Checksum Segment Byte Volume – Server
TcpInvalidChecksumSegmentsServerSumSq	double	TCP Invalid Checksum Segment Size – Server – Sum Sq
TcpInvalidChecksumSegmentsServerMin	double	TCP Invalid Checksum Segment Size – Server – Min
TcpInvalidChecksumSegmentsServerMax	double	TCP Invalid Checksum Segment Size – Server – Max
TcpInvalidChecksumSegmentsServerPerc	double	TCP Invalid Checksum Segment Size – Server – Perc
TcpNetworkLatencyTimeCnt	bigint(20) unsigned	TCP Network Latency - Count
TcpNetworkLatencySum	double	TCP Network Latency – Sum
TcpNetworkLatencySumSq	double	TCP Network Latency – Sum Sq
TcpNetworkLatencyMin	double	TCP Network Latency – Min

Table 31. TCP Protocol Metric table schema

Column	Type	Comment
TcpNetworkLatencyMax	double	TCP Network Latency – Max
TcpNetworkLatencyPerc	double	TCP Network Latency – Perc
TcpNetworkLatencyMean	double	TCP Network Latency – Mean
TcpNetworkLatencyStd	double	TCP Network Latency – Std Dev
TcpOpenConnPeakCount	int(10) unsigned	TCP Open Connection Peak Count per Second
TcpPayloadBytesClient	int(10) unsigned	TCP Payload Byte Volume - Client
TcpPayloadBytesServer	int(10) unsigned	TCP Payload Byte Volume – Server
TCPQueueSizeCnt	bigint(20) unsigned	TCP Queue Size - Count
TCPQueueSizeMax	double	TCP Queue Size - Max
TCPQueueSizeMean	double	TCP Queue Size - Mean
TCPQueueSizeMin	double	TCP Queue Size - Min
TCPQueueSizePerc	double	TCP Queue Size - Perc
TCPQueueSizeStd	double	TCP Queue Size - Std Dev
TCPQueueSizeSum	double	TCP Queue Size - Sum
TCPQueueSizeSumSq	double	TCP Queue Size - SumSq
TcpResendSegmentsClientCnt	bigint(20) unsigned	TCP Resend Segment Count - Client
TcpResendSegmentsClientMax	double	TCP Resend Segment Size - Client - Max
TcpResendSegmentsClientMean	double	TCP Resend Segment Size - Client - Mean
TcpResendSegmentsClientMin	double	TCP Resend Segment Size - Client - Min
TcpResendSegmentsClientPerc	double	TCP Resend Segment Size - Client - Perc
TcpResendSegmentsClientStd	double	TCP Resend Segment Size - Client - Std Dev
TcpResendSegmentsClientSum	double	TCP Resend Segment Byte Volume - Client
TcpResendSegmentsClientSumSq	double	TCP Resend Segment Size - Client - SumSq
TcpResendSegmentsServerCnt	bigint(20) unsigned	TCP Resend Segment Count - Server
TcpResendSegmentsServerMax	double	TCP Resend Segment Size - Server - Max
TcpResendSegmentsServerMean	double	TCP Resend Segment Size - Server - Mean
TcpResendSegmentsServerMin	double	TCP Resend Segment Size - Server - Min
TcpResendSegmentsServerPerc	double	TCP Resend Segment Size - Server - Perc
TcpResendSegmentsServerStd	double	TCP Resend Segment Size - Server - Std Dev

Table 31. TCP Protocol Metric table schema

Column	Type	Comment
TcpResendSegmentsServerSum	double	TCP Resend Segment Byte Volume - Server
TcpResendSegmentsServerSumSq	double	TCP Resend Segment Size - Server - SumSq
TcpResponseTimeSum	double	TCP Response Time – Sum
TcpResponseTimeSumSq	double	TCP Response Time – Sum Sq
TcpResponseTimeMin	double	TCP Response Time – Min
TcpResponseTimeMax	double	TCP Response Time – Max
TcpResponseTimePerc	double	TCP Response Time – Perc
TcpResponseTimeMean	double	TCP Response Time – Mean
TcpResponseTimeStd	double	TCP Response Time – Std Dev
TcpSegmentsClientCnt	bigint(20) unsigned	TCP Segment Count – Client
TcpSegmentsClientSum	double	TCP Segment Byte Volume – Client
TcpSegmentsClientSumSq	double	TCP Segment Size – Client – Sum Sq
TcpSegmentsClientMin	double	TCP Segment Size – Client – Min
TcpSegmentsClientMax	double	TCP Segment Size – Client – Max
TcpSegmentsClientPerc	double	TCP Segment Size – Client – Perc
TcpSegmentsClientMean	double	TCP Segment Size – Client – Mean
TcpSegmentsClientStd	double	TCP Segment Size – Client – Std Dev
TcpSegmentsServerCnt	bigint(20) unsigned	TCP Segment Count – Server
TcpSegmentsServerSum	double	TCP Segment Byte Volume – Server
TcpSegmentsServerSumSq	double	TCP Segment Size – Server – Sum Sq
TcpSegmentsServerMin	double	TCP Segment Size – Server – Min
TcpSegmentsServerMax	double	TCP Segment Size – Server – Max
TcpSegmentsServerPerc	double	TCP Segment Size – Server – Perc
TcpSegmentsServerMean	double	TCP Segment Size – Server – Mean
TcpSegmentsServerStd	double	TCP Server Time – Min
TcpTimeoutHalfOpenCount	bigint(20) unsigned	TCP Timeout Count - Half-Open
TcpTimeoutIdleCount	bigint(20) unsigned	TCP Timeout Count - Idle
TcpTimeoutSynCount	bigint(20) unsigned	TCP Timeout Count - Syn
TcpUrgentSegmentsClientCnt	bigint(20) unsigned	TCP Urgent Segment Count - Client
TcpUrgentSegmentsClientMax	double	TCP Urgent Segment Size - Client - Max
TcpUrgentSegmentsClientMean	double	TCP Urgent Segment Size - Client - Mean
TcpUrgentSegmentsClientMin	double	TCP Urgent Segment Size - Client - Min
TcpUrgentSegmentsClientPerc	double	TCP Urgent Segment Size - Client - Perc
TcpUrgentSegmentsClientStd	double	TCP Urgent Segment Size - Client - Std Dev
TcpUrgentSegmentsClientSum	double	TCP Urgent Segment Byte Volume - Client
TcpUrgentSegmentsClientSumSq	double	TCP Urgent Segment Size - Client - SumSq
TcpUrgentSegmentsServerCnt	bigint(20) unsigned	TCP Urgent Segment Count - Server

Table 31. TCP Protocol Metric table schema

Column	Type	Comment
TcpUrgentSegmentsServerMax	double	TCP Urgent Segment Size - Server - Max
TcpUrgentSegmentsSeverMean	double	TCP Urgent Segment Size - Server - Mean
TcpUrgentSegmentsServerMin	double	TCP Urgent Segment Size - Server - Min
TcpUrgentSegmentsServerPerc	double	TCP Urgent Segment Size - Server - Perc
TcpUrgentSegmentsServerStd	double	TCP Urgent Segment Size - Server - Std Dev
TcpUrgentSegmentsServerSum	double	TCP Urgent Segment Byte Volume - Server
TcpUrgentSegmentsServerSumSq	double	TCP Urgent Segment Size - Server - SumSq
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
TimeType *	tinyint(4)	See TimeType in Appendix A

TCP Protocol Resource table

These tables contain information about the resources (or objects) in the TCP Protocol category.

This schema applies to the following tables:

- TcpProtocolResource
- TcpProtocolResourceServer
- TcpProtocolResourceSubnet

* indicates the primary key

[1] indicates an index

Table 32. TCP Protocol Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

Server database

The Server database contains records for the Server category.

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Server Metric table
- Server ValueCount table
- Server Resource table

- Server Relation table
- Server by Port Metric table
- Server by Port Resource table

Server Metric table

This table contains metrics for Server category objects for a specific time interval.

This schema applies to the following table:

- Server

* indicates the primary key

[1] indicates an index

Table 33. Server Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max

Table 33. Server Metric table schema

Column	Type	Comment
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc

Table 33. Server Metric table schema

Column	Type	Comment
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
ConnectionDurationCnt	bigint(20) unsigned	Connection Duration
ConnectionDurationSum	double	Connection Duration – Sum
ConnectionDurationSumSq	double	Connection Duration – Sum Sq
ConnectionDurationMin	double	Connection Duration – Min
ConnectionDurationMax	double	Connection Duration – Max
ConnectionDurationPerc	double	Connection Duration – Perc
ConnectionDurationMean	double	Connection Duration – Mean
ConnectionDurationStd	double	Connection Duration – Std Dev
ConnectionCount	bigint(20) unsigned	Connection Count
ConnectionOpenWaitCount	bigint(20) unsigned	Connection Open Wait Count
ConnectionEstablishedCount	bigint(20) unsigned	Connection Established Count
ConnectionClosedCount	bigint(20) unsigned	Connection Closed Count
ConnectionTimeoutCount	bigint(20) unsigned	Connection Timeout Count
ConnectionResetCount	bigint(20) unsigned	Connection Reset Count
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass

Table 33. Server Metric table schema

Column	Type	Comment
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
ProcessingLoadPass	bigint(20) unsigned	Processing Load – Pass
ProcessingLoadTotal	bigint(20) unsigned	Processing Load – Total
ProcessingLoadPerc	Double	Processing Load
CommandProcessingTimeServiceLevelPass	bigint(20) unsigned	Command Processing Time Service Level – Pass
CommandProcessingTimeServiceLevelTotal	bigint(20) unsigned	Command Processing Time Service Level – Total
CommandProcessingTimeServiceLevelPerc	double	Command Processing Time Service Level

Server ValueCount table

This table contains distributions and reference counter metrics for Server category objects for a specific time interval.

This schema applies to the following table:

- ServerValueCount

* indicates the primary key

[1] indicates an index

Table 34. Server ValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Server Resource table

These tables contain information about the resources (or objects) in the Server category.

This schema applies to the following table:

- ServerResource

* indicates the primary key

[1] indicates an index

Table 35. Server Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

Server Relation table

These tables contain information about object relationships in the Page categories whose metrics have been recorded. The ResourceID and ChildResourceID columns identify the parent and child objects respectively.

This schema applies to the following table:

- ServerRelation

* indicates the primary key

[1] indicates an index

Table 36. Server Relation table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
ChildResourceID *	char(34)	Unique identifier for this resource (object)
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
SequenceID	smallint(6)	Ordinal position in a sequence if applicable
ChildGroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ChildCount	bigint(20)	Count for the relationship if applicable

Server by Port Metric table

This table contains metrics for a Server By Port object for a specific time interval.

This schema applies to the following table:

- ServerbyPort

* indicates the primary key

[1] indicates an index

Table 37. Server by Port Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
SSLConnectionsStarted	bigint(20) unsigned	SSL Connections Started
SSLConnectionsReleased	bigint(20) unsigned	SSL Connections Released
SSLConnectionErrors	bigint(20) unsigned	SSL Connection Errors
SSLConnectionErrorRatePass	bigint(20) unsigned	SSL Connection Error Rate – Pass
SSLConnectionErrorRateTotal	bigint(20) unsigned	SSL Connection Error Rate – Total
SSLConnectionErrorRatePerc	bigint(20) unsigned	SSL Connection Error Rate
SSLErrNoRsaKey	bigint(20) unsigned	Missing SSL Key
SSLErrHandshakeType	bigint(20) unsigned	Invalid SSL Handshake Type
SSLErrCipher	bigint(20) unsigned	Cipher Suite Not Found
SSLErrKeyex	bigint(20) unsigned	Unknown Key Exchange
SSLErrReuseSecret	bigint(20) unsigned	Missing Reusable Secret
SSLErrClientHello	bigint(20) unsigned	Unexpected ClientHello Message
SSLErrServerHello	bigint(20) unsigned	Unexpected ServerHello Message
SSLErrContentType	bigint(20) unsigned	Invalid SSL Content
SSLErrRecLen	bigint(20) unsigned	Invalid SSL Record Length
SSLErrFieldLen	bigint(20) unsigned	Field out of Range
SSLErrVersion	bigint(20) unsigned	Invalid SSL Version Number
SLLErrMemAlloc	bigint(20) unsigned	SSL Memory Error
SSLErrCreateRsa	bigint(20) unsigned	Incomplete SSL Key
SSLErrUseRsa	bigint(20) unsigned	Invalid SSL Key
SSLErrInvalidState	bigint(20) unsigned	Invalid SSL State

Server by Port Resource table

These tables contain information about the resources (or objects) in the Server category.

This schema applies to the following table:

- ServerbyPortResource

* indicates the primary key

[1] indicates an index

Table 38. Server by Port Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted

Table 38. Server by Port Resource table schema

ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

Service database

The Service database contains records for the Application categories:

- Service
- Service By City
- Service By Country
- Service By Isp
- Service By Region
- Service By Subnet

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Service Metric tables
- Service Step Metric tables
- Service ValueCount tables
- Service Resource tables
- Service Relation tables

Service Metric tables

These tables contain metrics for Service category objects for a specific time interval.

This schema applies to the following tables:

- Service
- ServiceByCity
- ServiceByCountry
- ServiceByIsp
- ServiceByRegion
- ServiceBySubnet

* indicates the primary key

[1] indicates an index

Table 39. service Metric tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A

Table 39. service Metric tables schema

Column	Type	Comment
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
ServiceCount	bigint(20) unsigned	Service Count
ServiceAbortCount	bigint(20) unsigned	Service Abort Count
ServiceTimeoutCount	bigint(20) unsigned	Service Timeout Count
ServiceDurationCnt	bigint(20) unsigned	Service Duration – Count

Table 39. service Metric tables schema

Column	Type	Comment
ServiceDurationSum	double	Service Duration – Sum
ServiceDurationSumSq	double	Service Duration – Sum Sq
ServiceDurationMin	double	Service Duration – Min
ServiceDurationMax	double	Service Duration – Max
ServiceDurationPerc	double	Service Duration – Perc
ServiceDurationMean	double	Service Duration – Mean
ServiceDurationStd	double	Service Duration – Std Dev
ServiceEndToEndTimeCnt	bigint(20) unsigned	Service End-to-End Time – Count
ServiceEndToEndTimeSum	double	Service End-to-End Time – Sum
ServiceEndToEndTimeSumSq	double	Service End-to-End Time – Sum Sq
ServiceEndToEndTimeMin	double	Service End-to-End Time – Min
ServiceEndToEndTimeMax	double	Service End-to-End Time – Max
ServiceEndToEndTimePerc	double	Service End-to-End Time – Perc
ServiceEndToEndTimeMean	double	Service End-to-End Time – Mean
ServiceEndToEndTimeStd	double	Service End-to-End Time – Std Dev
ServiceThinkTimeCnt	bigint(20) unsigned	Service Think Time – Count
ServiceThinkTimeSum	double	Service Think Time – Sum
ServiceThinkTimeSumSq	double	Service Think Time – Sum Sq
ServiceThinkTimeMin	double	Service Think Time – Min
ServiceThinkTimeMax	double	Service Think Time – Max
ServiceThinkTimePerc	double	Service Think Time – Perc
ServiceThinkTimeMean	double	Service Think Time – Mean
ServiceThinkTimeStd	double	Service Think Time – Std Dev
ServiceCommandInitialResponseTimeCnt	bigint(20) unsigned	Service Command Initial Response Time – Count
ServiceCommandInitialResponseTimeSum	double	Service Command Initial Response Time – Sum
ServiceCommandInitialResponseTimeSum Sq	double	Service Command Initial Response Time – Sum Sq
ServiceCommandInitialResponseTimeMin	double	Service Command Initial Response Time – Min
ServiceCommandInitialResponseTimeMax	double	Service Command Initial Response Time – Max
ServiceCommandInitialResponseTimePerc	double	Service Command Initial Response Time – Perc
ServiceCommandInitialResponseTimeMean	double	Service Command Initial Response Time – Mean
ServiceCommandInitialResponseTimeStd	double	Service Command Initial Response Time – Std Dev
ServiceProcessingTimeCnt	bigint(20) unsigned	Service Processing Time – Count
ServiceProcessingTimeSum	double	Service Processing Time – Sum
ServiceProcessingTimeSumSq	double	Service Processing Time – Sum Sq
ServiceProcessingTimeMin	double	Service Processing Time – Min
ServiceProcessingTimeMax	double	Service Processing Time – Max
ServiceProcessingTimePerc	double	Service Processing Time – Perc

Table 39. service Metric tables schema

Column	Type	Comment
ServiceProcessingTimeMean	double	Service Processing Time – Mean
ServiceProcessingTimeStd	double	Service Processing Time – Std Dev
ServiceClientTimeCnt	bigint(20) unsigned	Service Client Time – Count
ServiceClientTimeSum	double	Service Client Time – Sum
ServiceClientTimeSumSq	double	Service Client Time – Sum Sq
ServiceClientTimeMin	double	Service Client Time – Min
ServiceClientTimeMax	double	Service Client Time – Max
ServiceClientTimePerc	double	Service Client Time – Perc
ServiceClientTimeMean	double	Service Client Time – Mean
ServiceClientTimeStd	double	Service Client Time – Std Dev
ServiceNetworkLatencyCnt	bigint(20) unsigned	Service Network Latency – Count
ServiceNetworkLatencySum	double	Service Network Latency – Sum
ServiceNetworkLatencySumSq	double	Service Network Latency – Sum Sq
ServiceNetworkLatencyMin	double	Service Network Latency – Min
ServiceNetworkLatencyMax	double	Service Network Latency – Max
ServiceNetworkLatencyPerc	double	Service Network Latency – Perc
ServiceNetworkLatencyMean	double	Service Network Latency – Mean
ServiceNetworkLatencyStd	double	Service Network Latency – Std Dev
ServicePeakCount	int(10) unsigned	Service Peak Count per Second
ServiceRequestPeakCount	int(10) unsigned	Service Request Peak Count per Second
ServiceProcessingLoadPass	bigint(20) unsigned	Service Processing Load – Pass
ServiceProcessingLoadTotal	bigint(20) unsigned	Service Processing Load – Total
ServiceProcessingLoadPerc	double	Service Processing Load
ServiceProcessingTimeServiceLevelPass	bigint(20) unsigned	Service Processing Time Service Level – Pass
ServiceProcessingTimeServiceLevelTotal	bigint(20) unsigned	Service Processing Time Service Level – Total
ServiceProcessingTimeServiceLevelPerc	double	Service Processing Time Service Level
ServiceStartCount	bigint(20) unsigned	Service Started Count

Service Step Metric tables

These tables contain metrics for Service Step category objects for a specific time interval.

This schema applies to the following tables:

- ServiceStep
- ServiceStepByCity
- ServiceStepByCountry
- ServiceStepByIsp
- ServiceStepByRegion
- ServiceStepBySubnet

* indicates the primary key

[1] indicates an index

Table 40. Service Step Metric tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts

Table 40. Service Step Metric tables schema

Column	Type	Comment
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc
PageEndToEndTimeMean	double	Page End-to-End Time – Mean
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageThinkTimeCnt	bigint(20) unsigned	Page Think Time – Count
PageThinkTimeSum	double	Page Think Time – Sum
PageThinkTimeSumSq	double	Page Think Time – Sum Sq
PageThinkTimeMin	double	Page Think Time – Min
PageThinkTimeMax	double	Page Think Time – Max
PageThinkTimePerc	double	Page Think Time – Perc
PageThinkTimeMean	double	Page Think Time – Mean
PageThinkTimeStd	double	Page Think Time – Std Dev
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean

Table 40. Service Step Metric tables schema

Column	Type	Comment
PageStopTimeStd	double	Page Stop Time – Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate – Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate – Total
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev
PageConnectionCountCnt	bigint(20) unsigned	Page Connection Count – Count
PageConnectionCountSum	double	Page Connection Count – Sum
PageConnectionCountSumSq	double	Page Connection Count – Sum Sq
PageConnectionCountMin	double	Page Connection Count – Min
PageConnectionCountMax	double	Page Connection Count – Max
PageConnectionCountPerc	double	Page Connection Count – Perc
PageConnectionCountMean	double	Page Connection Count – Mean
PageConnectionCountStd	double	Page Connection Count – Std Dev
PageElementCountCnt	bigint(20) unsigned	Page Element Count – Count
PageElementCountSum	double	Page Element Count – Sum
PageElementCountSumSq	double	Page Element Count – Sum Sq
PageElementCountMin	double	Page Element Count – Min
PageElementCountMax	double	Page Element Count – Max
PageElementCountPerc	double	Page Element Count – Perc
PageElementCountMean	double	Page Element Count – Mean
PageElementCountStd	double	Page Element Count – Std Dev
PageDownloadSizeCnt	bigint(20) unsigned	Page Download Size – Count
PageDownloadSizeSum	double	Page Download Size – Sum
PageDownloadSizeSumSq	double	Page Download Size – Sum Sq
PageDownloadSizeMin	double	Page Download Size – Min
PageDownloadSizeMax	double	Page Download Size – Max
PageDownloadSizePerc	double	Page Download Size – Perc
PageDownloadSizeMean	double	Page Download Size – Mean
PageDownloadSizeStd	double	Page Download Size – Std Dev
PageTimeoutCount	bigint(20) unsigned	Page Timeout Count
StepStartedCount	bigint(20) unsigned	Step Started Count
StepCompletionCount	bigint(20) unsigned	Step Completion Count
StepAbortCount	bigint(20) unsigned	Step Abort Count
StepTimeoutCount	bigint(20) unsigned	Step Timeout Count

Service ValueCount tables

These tables contain distributions and reference counter metrics for Service category objects for a specific time interval.

This schema applies to the following tables:

- ServiceValueCount
- ServiceByCityValueCount
- ServiceByCountryValueCount
- ServiceByIspValueCount
- ServiceByRegionValueCount
- ServiceBySubnetValueCount
- ServiceStepValueCount
- ServiceStepByCityValueCount
- ServiceStepByCountryValueCount
- ServiceStepByIspValueCount
- ServiceStepByRegionValueCount
- ServiceStepBySubnetValueCount

* indicates the primary key

[1] indicates an index

Table 41. Service ValueCount tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Service Resource tables

These tables contain information about the resources (or objects) in the Service categories.

This schema applies to the following tables:

- ServiceResource
- ServiceByCityResource
- ServiceByCountryResource
- ServiceByIspResource
- ServiceByRegionResource

- ServiceBySubnetResource
- ServiceStepResource
- ServiceStepByCityResource
- ServiceStepByCountryResource
- ServiceStepByIspResource
- ServiceStepByRegionResource
- ServiceStepBySubnetResource

* indicates the primary key

[1] indicates an index

Table 42. Service Resource tables schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource
ConfigurationID	bigint(20)	Configuration database identifier for the Service

Service Relation tables

These tables contain information about object relationships in the Service categories whose metrics have been recorded. The ResourceID and ChildResourceID columns identify the parent and child objects respectively.

This schema applies to the following tables:

- ServiceRelation
- ServiceByCityRelation
- ServiceByCountryRelation
- ServiceByIspRelation
- ServiceByRegionRelation
- ServiceBySubnetRelation

* indicates the primary key

[1] indicates an index

Table 43. Service Relation tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
ChildResourceID *	char(34)	Unique identifier for this resource (object)
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
SequenceID	smallint(6)	Ordinal position in a sequence if applicable

Table 43. Service Relation tables schema

Column	Type	Comment
ChildGroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ChildCount	bigint(20)	Count for the relationship if applicable

Site database

The Site database contains records for the Site category. The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Site Metric tables
- Site ValueCount table
- Site Resource table

Site Metric tables

This table contains metrics for Site category objects for a specific time interval. This schema applies to the following table:

- Site

* indicates the primary key

[1] indicates an index

Table 44. Site Metric tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq

Table 44. Site Metric tables schema

Column	Type	Comment
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min

Table 44. Site Metric tables schema

Column	Type	Comment
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc

Table 44. Site Metric tables schema

Column	Type	Comment
PageEndToEndTimeMean	double	Page End-to-End Time – Mean
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageThinkTimeCnt	bigint(20) unsigned	Page Think Time – Count
PageThinkTimeSum	double	Page Think Time – Sum
PageThinkTimeSumSq	double	Page Think Time – Sum Sq
PageThinkTimeMin	double	Page Think Time – Min
PageThinkTimeMax	double	Page Think Time – Max
PageThinkTimePerc	double	Page Think Time – Perc
PageThinkTimeMean	double	Page Think Time – Mean
PageThinkTimeStd	double	Page Think Time – Std Dev
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev

Table 44. Site Metric tables schema

Column	Type	Comment
PageConnectionCountCnt	bigint(20) unsigned	Page Connection Count – Count
PageConnectionCountSum	double	Page Connection Count – Sum
PageConnectionCountSumSq	double	Page Connection Count – Sum Sq
PageConnectionCountMin	double	Page Connection Count – Min
PageConnectionCountMax	double	Page Connection Count – Max
PageConnectionCountPerc	double	Page Connection Count – Perc
PageConnectionCountMean	double	Page Connection Count – Mean
PageConnectionCountStd	double	Page Connection Count – Std Dev
PageElementCountCnt	bigint(20) unsigned	Page Element Count – Count
PageElementCountSum	double	Page Element Count – Sum
PageElementCountSumSq	double	Page Element Count – Sum Sq
PageElementCountMin	double	Page Element Count – Min
PageElementCountMax	double	Page Element Count – Max
PageElementCountPerc	double	Page Element Count – Perc
PageElementCountMean	double	Page Element Count – Mean
PageElementCountStd	double	Page Element Count – Std Dev
PageDownloadSizeCnt	bigint(20) unsigned	Page Download Size – Count
PageDownloadSizeSum	double	Page Download Size – Sum
PageDownloadSizeSumSq	double	Page Download Size – Sum Sq
PageDownloadSizeMin	double	Page Download Size – Min
PageDownloadSizeMax	double	Page Download Size – Max
PageDownloadSizePerc	double	Page Download Size – Perc
PageDownloadSizeMean	double	Page Download Size – Mean
PageDownloadSizeStd	double	Page Download Size – Std Dev
PageTimeoutCount	bigint(20) unsigned	Page Timeout Count
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
UserStickinessCnt	bigint(20) unsigned	User Stickiness – Count
UserStickinessSum	double	User Stickiness – Sum
UserStickinessSumSq	double	User Stickiness – Sum Sq
UserStickinessMin	double	User Stickiness – Min

Table 44. Site Metric tables schema

Column	Type	Comment
UserStickinessMax	double	User Stickiness – Max
UserStickinessPerc	double	User Stickiness – Perc
UserStickinessMean	double	User Stickiness – Mean
UserStickinessStd	double	User Stickiness – Std Dev
UserCount	bigint(20) unsigned	User Count
SessionCount	bigint(20) unsigned	Session Count
SiteStickinessCnt	bigint(20) unsigned	Site Stickiness – Count
SiteStickinessSum	double	Site Stickiness – Sum
SiteStickinessSumSq	double	Site Stickiness – Sum Sq
SiteStickinessMin	double	Site Stickiness – Min
SiteStickinessMax	double	Site Stickiness – Max
SiteStickinessPerc	double	Site Stickiness – Perc
SiteStickinessMean	double	Site Stickiness – Mean
SiteStickinessStd	double	Site Stickiness – Std Dev

Site ValueCount table

This table contains distributions and reference counter metrics for Site category objects for a specific time interval.

This schema applies to the following table:

- SiteValueCount

* indicates the primary key

[1] indicates an index

Table 45. Site ValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Site Resource table

These tables contain information about the resources (or objects) in the Site category.

This schema applies to the following table:

- SiteResource

* indicates the primary key

[1] indicates an index

Table 46. Site Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource
HTTP	tinyint(1)	1 = resource has HTTP metrics
HTTPS	tinyint(1)	1 = resource has HTTPS metrics

Soap Database

The Soap database contains records for the following categories:

- Soap Operation
- Soap Application
- Soap Server
- Soap Web Service

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Soap Operation Metric table
- Soap Application Metric table
- Soap Server Metric table
- Soap Web Service Metric table
- Soap ValueCount tables
- Soap Resource tables
- Soap Relation tables

Soap Operation Metric table

This table contains metrics for Soap Operation category objects for a specific time interval.

This schema applies to the following table:

- SoapOperation

* indicates the primary key

[1] indicates an index

Table 47. Soap Operation Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A

Table 47. Soap Operation Metric table schema

Column	Type	Comment
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
SoapOperationCompletionTimeCnt	bigint(20) unsigned	Soap Operation Completion Time – Count
SoapOperationCompletionTimeSum	double	Soap Operation Completion Time – Sum
SoapOperationCompletionTimeSumSq	double	Soap Operation Completion Time – Sum Sq
SoapOperationCompletionTimeMin	double	Soap Operation Completion Time – Min

Table 47. Soap Operation Metric table schema

Column	Type	Comment
SoapOperationCompletionTimeMax	double	Soap Operation Completion Time – Max
SoapOperationCompletionTimePerc	double	Soap Operation Completion Time – Perc
SoapOperationCompletionTimeMean	double	Soap Operation Completion Time – Mean
SoapOperationCompletionTimeStd	double	Soap Operation Completion Time – Std Dev
SoapOperationProcessingTimeCnt	bigint(20) unsigned	Soap Operation Processing Time – Count
SoapOperationProcessingTimeSum	double	Soap Operation Processing Time – Sum
SoapOperationProcessingTimeSumSq	double	Soap Operation Processing Time – Sum Sq
SoapOperationProcessingTimeMin	double	Soap Operation Processing Time – Min
SoapOperationProcessingTimeMax	double	Soap Operation Processing Time – Max
SoapOperationProcessingTimePerc	double	Soap Operation Processing Time – Perc
SoapOperationProcessingTimeMean	double	Soap Operation Processing Time – Mean
SoapOperationProcessingTimeStd	double	Soap Operation Processing Time – Std Dev
SoapOperationInitialResponseTimeCnt	bigint(20) unsigned	Soap Operation Initial Response Time – Count
SoapOperationInitialResponseTimeSum	double	Soap Operation Initial Response Time – Sum
SoapOperationInitialResponseTimeSumSq	double	Soap Operation Initial Response Time – Sum Sq
SoapOperationInitialResponseTimeMin	double	Soap Operation Initial Response Time – Min
SoapOperationInitialResponseTimeMax	double	Soap Operation Initial Response Time – Max
SoapOperationInitialResponseTimePerc	double	Soap Operation Initial Response Time – Perc
SoapOperationInitialResponseTimeMean	double	Soap Operation Initial Response Time – Mean
SoapOperationInitialResponseTimeStd	double	Soap Operation Initial Response Time – Std Dev
SoapOperationClientTimeCnt	bigint(20) unsigned	Soap Operation Client Time – Count
SoapOperationClientTimeSum	double	Soap Operation Client Time – Sum
SoapOperationClientTimeSumSq	double	Soap Operation Client Time – Sum Sq
SoapOperationClientTimeMin	double	Soap Operation Client Time – Min
SoapOperationClientTimeMax	double	Soap Operation Client Time – Max
SoapOperationClientTimePerc	double	Soap Operation Client Time – Perc
SoapOperationClientTimeMean	double	Soap Operation Client Time – Mean
SoapOperationClientTimeStd	double	Soap Operation Client Time – Std Dev
SoapOperationNetworkLatencyCnt	bigint(20) unsigned	Soap Operation Network Latency – Count
SoapOperationNetworkLatencySum	double	Soap Operation Network Latency – Sum
SoapOperationNetworkLatencySumSq	double	Soap Operation Network Latency – Sum Sq
SoapOperationNetworkLatencyMin	double	Soap Operation Network Latency – Min
SoapOperationNetworkLatencyMax	double	Soap Operation Network Latency – Max
SoapOperationNetworkLatencyPerc	double	Soap Operation Network Latency – Perc

Table 47. Soap Operation Metric table schema

Column	Type	Comment
SoapOperationNetworkLatencyMean	double	Soap Operation Network Latency – Mean
SoapOperationNetworkLatencyStd	double	Soap Operation Network Latency – Std Dev
SoapOperationEndToEndTimeCnt	bigint(20) unsigned	Soap Operation End-to-End Time – Count
SoapOperationEndToEndTimeSum	double	Soap Operation End-to-End Time – Sum
SoapOperationEndToEndTimeSumSq	double	Soap Operation End-to-End Time – Sum Sq
SoapOperationEndToEndTimeMin	double	Soap Operation End-to-End Time – Min
SoapOperationEndToEndTimeMax	double	Soap Operation End-to-End Time – Max
SoapOperationEndToEndTimePerc	double	Soap Operation End-to-End Time – Perc
SoapOperationEndToEndTimeMean	double	Soap Operation End-to-End Time – Mean
SoapOperationEndToEndTimeStd	double	Soap Operation End-to-End Time – Std Dev
SoapOperationTimeoutCount	bigint(20) unsigned	Soap Operation Timeout Count
SoapOperationCount	bigint(20) unsigned	Soap Operation Count
SoapOperationSuccessRatioPass	bigint(20) unsigned	Soap Operation Success Ratio – Pass
SoapOperationSuccessRatioTotal	bigint(20) unsigned	Soap Operation Success Ratio – Total
SoapOperationSuccessRatioPass	double	Soap Operation Success Ratio
SoapOperationProviderOverheadTotal	bigint(20) unsigned	Soap Operation Provider Overhead – Pass
SoapOperationProviderOverheadTotl	bigint(20) unsigned	Soap Operation Provider Overhead – Total
SoapOperationProviderOverheadPerc	double	Soap Operation Provider Overhead
SoapOperationConsumerOverheadPass	bigint(20) unsigned	Soap Operation Consumer Overhead – Pass
SoapOperationConsumerOverheadTotal	bigint(20) unsigned	Soap Operation Consumer Overhead – Total
SoapOperationConsumerOverheadPerc	double	Soap Operation Consumer Overhead
ResponseCodeCount	bigint(20) unsigned	ResponseCodeCount
SOAPOperationThinkTimeCnt	bigint(20) unsigned	SOAP Operation Think Time - Count
SOAPOperationThinkTimeSum	double	SOAP Operation Think Time – Sum
SOAPOperationThinkTimeSumSq	double	SOAP Operation Think Time – Sum Sq
SOAPOperationThinkTimeMin	double	SOAP Operation Think Time – Min
SOAPOperationThinkTimeMax	double	SOAP Operation Think Time – Max
SOAPOperationThinkTimePerc	double	SOAP Operation Think Time – Perc
SOAPOperationThinkTimeMean	double	SOAP Operation Think Time – Mean
SOAPOperationThinkTimeStd	double	SOAP Operation Think Time – Std Dev

Soap Application Metric table

This table contains metrics for Soap Application category objects for a specific time interval.

This schema applies to the following table:

* Soap Application

Table 48. Soap Application Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count

Table 48. Soap Application Metric table schema

Column	Type	Comment
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
SoapOperationCompletionTimeCnt	bigint(20) unsigned	Soap Operation Completion Time – Count
SoapOperationCompletionTimeSum	double	Soap Operation Completion Time – Sum
SoapOperationCompletionTimeSumSq	double	Soap Operation Completion Time – Sum Sq
SoapOperationCompletionTimeMin	double	Soap Operation Completion Time – Min
SoapOperationCompletionTimeMax	double	Soap Operation Completion Time – Max
SoapOperationCompletionTimePerc	double	Soap Operation Completion Time – Perc
SoapOperationCompletionTimeMean	double	Soap Operation Completion Time – Mean
SoapOperationCompletionTimeStd	double	Soap Operation Completion Time – Std Dev
SoapOperationProcessingTimeCnt	bigint(20) unsigned	Soap Operation Processing Time – Count
SoapOperationProcessingTimeSum	double	Soap Operation Processing Time – Sum
SoapOperationProcessingTimeSumSq	double	Soap Operation Processing Time – Sum Sq
SoapOperationProcessingTimeMin	double	Soap Operation Processing Time – Min
SoapOperationProcessingTimeMax	double	Soap Operation Processing Time – Max
SoapOperationProcessingTimePerc	double	Soap Operation Processing Time – Perc
SoapOperationProcessingTimeMean	double	Soap Operation Processing Time – Mean
SoapOperationProcessingTimeStd	double	Soap Operation Processing Time – Std Dev
SoapOperationInitialResponseTimeCnt	bigint(20) unsigned	Soap Operation Initial Response Time – Count
SoapOperationInitialResponseTimeSum	double	Soap Operation Initial Response Time – Sum

Table 48. Soap Application Metric table schema

Column	Type	Comment
SoapOperationInitialResponseTimeSumSq	double	Soap Operation Initial Response Time – Sum Sq
SoapOperationInitialResponseTimeMin	double	Soap Operation Initial Response Time – Min
SoapOperationInitialResponseTimeMax	double	Soap Operation Initial Response Time – Max
SoapOperationInitialResponseTimePerc	double	Soap Operation Initial Response Time – Perc
SoapOperationInitialResponseTimeMean	double	Soap Operation Initial Response Time – Mean
SoapOperationInitialResponseTimeStd	double	Soap Operation Initial Response Time – Std Dev
SoapOperationClientTimeCnt	bigint(20) unsigned	Soap Operation Client Time – Count
SoapOperationClientTimeSum	double	Soap Operation Client Time – Sum
SoapOperationClientTimeSumSq	double	Soap Operation Client Time – Sum Sq
SoapOperationClientTimeMin	double	Soap Operation Client Time – Min
SoapOperationClientTimeMax	double	Soap Operation Client Time – Max
SoapOperationClientTimePerc	double	Soap Operation Client Time – Perc
SoapOperationClientTimeMean	double	Soap Operation Client Time – Mean
SoapOperationClientTimeStd	double	Soap Operation Client Time – Std Dev
SoapOperationNetworkLatencyCnt	bigint(20) unsigned	Soap Operation Network Latency – Count
SoapOperationNetworkLatencySum	double	Soap Operation Network Latency – Sum
SoapOperationNetworkLatencySumSq	double	Soap Operation Network Latency – Sum Sq
SoapOperationNetworkLatencyMin	double	Soap Operation Network Latency – Min
SoapOperationNetworkLatencyMax	double	Soap Operation Network Latency – Max
SoapOperationNetworkLatencyPerc	double	Soap Operation Network Latency – Perc
SoapOperationNetworkLatencyMean	double	Soap Operation Network Latency – Mean
SoapOperationNetworkLatencyStd	double	Soap Operation Network Latency – Std Dev
SoapOperationEndToEndTimeCnt	bigint(20) unsigned	Soap Operation End-to-End Time – Count
SoapOperationEndToEndTimeSum	double	Soap Operation End-to-End Time – Sum
SoapOperationEndToEndTimeSumSq	double	Soap Operation End-to-End Time – Sum Sq

Table 48. Soap Application Metric table schema

Column	Type	Comment
SoapOperationEndToEndTimeMin	double	Soap Operation End-to-End Time – Min
SoapOperationEndToEndTimeMax	double	Soap Operation End-to-End Time – Max
SoapOperationEndToEndTimePerc	double	Soap Operation End-to-End Time – Perc
SoapOperationEndToEndTimeMean	double	Soap Operation End-to-End Time – Mean
SoapOperationEndToEndTimeStd	double	Soap Operation End-to-End Time – Std Dev
SoapOperationTimeoutCount	bigint(20) unsigned	Soap Operation Timeout Count
SoapOperationCount	bigint(20) unsigned	Soap Operation Count
SoapOperationSuccessRatioPass	bigint(20) unsigned	Soap Operation Success Ratio – Pass
SoapOperationSuccessRatioTotal	bigint(20) unsigned	Soap Operation Success Ratio – Total
SoapOperationSuccessRatioPass	double	Soap Operation Success Ratio
SoapOperationProviderOverheadTotal	bigint(20) unsigned	Soap Operation Provider Overhead – Pass
SoapOperationProviderOverheadTotl	bigint(20) unsigned	Soap Operation Provider Overhead – Total
SoapOperationProviderOverheadPerc	double	Soap Operation Provider Overhead
SoapOperationConsumerOverheadPass	bigint(20) unsigned	Soap Operation Consumer Overhead – Pass
SoapOperationConsumerOverheadTotal	bigint(20) unsigned	Soap Operation Consumer Overhead – Total
SoapOperationConsumerOverheadPerc	double	Soap Operation Consumer Overhead
ResponseCodeCount	bigint(20) unsigned	ResponseCodeCount
SOAPOperationThinkTimeCnt	bigint(20) unsigned	SOAP Operation Think Time - Count
SOAPOperationThinkTimeSum	double	SOAP Operation Think Time – Sum
SOAPOperationThinkTimeSumSq	double	SOAP Operation Think Time – Sum Sq
SOAPOperationThinkTimeMin	double	SOAP Operation Think Time – Min
SOAPOperationThinkTimeMax	double	SOAP Operation Think Time – Max
SOAPOperationThinkTimePerc	double	SOAP Operation Think Time – Perc
SOAPOperationThinkTimeMean	double	SOAP Operation Think Time – Mean
SOAPOperationThinkTimeStd	double	SOAP Operation Think Time – Std Dev
SOAPOperationEndToEndTimeServiceLevelPass	bigint(20) unsigned	SOAP Operation End-to-End Time Service Level - Pass

Table 48. Soap Application Metric table schema

Column	Type	Comment
SOAPOperationEndToEndTimeServiceLevelPerc	double	SOAP Operation End-to-End Time Service Level
SOAPOperationEndToEndTimeServiceLevelTotal	bigint(20) unsigned	SOAP Operation End-to-End Time Service Level - Total
SOAPOperationProcessingTimeServiceLevelPass	bigint(20) unsigned	SOAP Operation Processing Time Service Level - Pass
SOAPOperationProcessingTimeServiceLevelPerc	double	SOAP Operation Processing Time Service Level
SOAPOperationProcessingTimeServiceLevelTotal	bigint(20) unsigned	SOAP Operation Processing Time Service Level - Total
SOAPOperationRequestPeakCount	int(11)	SOAP Operation Request Peak Count per Second

Soap Server Metric table

This table contains metrics for Soap Server category objects for a specific time interval.

This schema applies to the following table:

- SoapServer

* indicates the primary key

[1] indicates an index

Table 49. Soap Server Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max

Table 49. Soap Server Metric table schema

Column	Type	Comment
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
SoapOperationCompletionTimeCnt	bigint(20) unsigned	Soap Operation Completion Time – Count
SoapOperationCompletionTimeSum	double	Soap Operation Completion Time – Sum
SoapOperationCompletionTimeSumSq	double	Soap Operation Completion Time – Sum Sq
SoapOperationCompletionTimeMin	double	Soap Operation Completion Time – Min
SoapOperationCompletionTimeMax	double	Soap Operation Completion Time – Max
SoapOperationCompletionTimePerc	double	Soap Operation Completion Time – Perc
SoapOperationCompletionTimeMean	double	Soap Operation Completion Time – Mean
SoapOperationCompletionTimeStd	double	Soap Operation Completion Time – Std Dev
SoapOperationProcessingTimeCnt	bigint(20) unsigned	Soap Operation Processing Time – Count
SoapOperationProcessingTimeSum	double	Soap Operation Processing Time – Sum
SoapOperationProcessingTimeSumq	double	Soap Operation Processing Time – Sum Sq
SoapOperationProcessingTimeMin	double	Soap Operation Processing Time – Min
SoapOperationProcessingTimeMax	double	Soap Operation Processing Time – Max
SoapOperationProcessingTimePerc	double	Soap Operation Processing Time – Perc
SoapOperationProcessingTimeMean	double	Soap Operation Processing Time – Mean
SoapOperationProcessingTimeStd	double	Soap Operation Processing Time – Std Dev
SoapOperationInitialResponseTiment	bigint(20) unsigned	Soap Operation Initial Response Time – Count
SoapOperationInitialResponseTimeSum	double	Soap Operation Initial Response Time – Sum

Table 49. Soap Server Metric table schema

Column	Type	Comment
SoapOperationInitialResponseTimeSumSq	double	Soap Operation Initial Response Time – Sum Sq
SoapOperationInitialResponseTimeMin	double	Soap Operation Initial Response Time – Min
SoapOperationInitialResponseTimeMax	double	Soap Operation Initial Response Time – Max
SoapOperationInitialResponseTimePerc	double	Soap Operation Initial Response Time – Perc
SoapOperationInitialResponseTimeMean	double	Soap Operation Initial Response Time – Mean
SoapOperationInitialResponseTimeStd	double	Soap Operation Initial Response Time – Std Dev
SoapOperationClientTimeCnt	bigint(20) unsigned	Soap Operation Client Time – Count
SoapOperationClientTimeSum	double	Soap Operation Client Time – Sum
SoapOperationClientTimeSumSq	double	Soap Operation Client Time – Sum Sq
SoapOperationClientTimeMin	double	Soap Operation Client Time – Min
SoapOperationClientTimeMax	double	Soap Operation Client Time – Max
SoapOperationClientTimePerc	double	Soap Operation Client Time – Perc
SoapOperationClientTimeMean	double	Soap Operation Client Time – Mean
SoapOperationClientTimeStd	double	Soap Operation Client Time – Std Dev
SoapOperationNetworkLatencyCnt	bigint(20) unsigned	Soap Operation Network Latency – Count
SoapOperationNetworkLatencySum	double	Soap Operation Network Latency – Sum
SoapOperationNetworkLatencySumSq	double	Soap Operation Network Latency – Sum Sq
SoapOperationNetworkLatencyMin	double	Soap Operation Network Latency – Min
SoapOperationNetworkLatencyMax	double	Soap Operation Network Latency – Max
SoapOperationNetworkLatencyPerc	double	Soap Operation Network Latency – Perc
SoapOperationNetworkLatencyMean	double	Soap Operation Network Latency – Mean
SoapOperationNetworkLatencyStd	double	Soap Operation Network Latency – Std Dev
SoapOperationEndToEndTimeCnt	bigint(20) unsigned	Soap Operation End-to-End Time – Count
SoapOperationEndToEndTimeSum	double	Soap Operation End-to-End Time – Sum
SoapOperationEndToEndTimeSumSq	double	Soap Operation End-to-End Time – Sum Sq
SoapOperationEndToEndTimeMin	double	Soap Operation End-to-End Time – Min
SoapOperationEndToEndTimeMax	double	Soap Operation End-to-End Time – Max
SoapOperationEndToEndTimePerc	double	Soap Operation End-to-End Time – Perc
SoapOperationEndToEndTimeMean	double	Soap Operation End-to-End Time – Mean
SoapOperationEndToEndTimeStd	double	Soap Operation End-to-End Time – Std Dev
SoapOperationTimeoutCount	bigint(20) unsigned	Soap Operation Timeout Count
SoapOperationCount	bigint(20) unsigned	Soap Operation Count
SoapOperationSuccessRatioPass	bigint(20) unsigned	Soap Operation Success Ratio – Pass
SoapOperationSuccessRatioTotal	bigint(20) unsigned	Soap Operation Success Ratio – Total
SoapOperationSuccessRatioPerc	double	Soap Operation Success Ratio

Table 49. Soap Server Metric table schema

Column	Type	Comment
SOAPOperationThinkTimeCnt	bigint(20) unsigned	SOAP Operation Think Time - Count
SOAPOperationThinkTimeSum	double	SOAP Operation Think Time – Sum
SOAPOperationThinkTimeSumSq	double	SOAP Operation Think Time – Sum Sq
SOAPOperationThinkTimeMin	double	SOAP Operation Think Time – Min
SOAPOperationThinkTimeMax	double	SOAP Operation Think Time – Max
SOAPOperationThinkTimePerc	double	SOAP Operation Think Time – Perc
SOAPOperationThinkTimeMean	double	SOAP Operation Think Time – Mean
SOAPOperationThinkTimeStd	double	SOAP Operation Think Time – Std Dev
SOAPOperationConsumerOverheadPass	bigint(20) unsigned	SOAP Operation Consumer Overhead - Pass
SOAPOperationConsumerOverheadPerc	double	SOAP Operation Consumer Overhead
SOAPOperationConsumerOverheadTotal	bigint(20) unsigned	SOAP Operation Consumer Overhead – Total
SOAPOperationProviderOverheadPass	bigint(20) unsigned	SOAP Operation Provider Overhead - Pass
SOAPOperationProviderOverheadPerc	double	SOAP Operation Provider Overhead
SOAPOperationProviderOverheadTotal	bigint(20) unsigned	SOAP Operation Provider Overhead – Total
ResponseCodeCount	bigint(20) unsigned	Total Response Codes
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
ConnectionDurationCnt	biging(20) unsigned	Connection Duration
ConnectionDurationSum	double	Connection Duration – Sum
ConnectionDurationSumSq	double	Connection Duration – Sum Sq
ConnectionDurationMin	double	Connection Duration – Min
ConnectionDurationMax	double	Connection Duration – Max
ConnectionDurationPerc	double	Connection Duration – Perc
ConnectionDurationMean	double	Connection Duration – Mean
ConnectionDurationStd	double	Connection Duration – Std Dev
ConnectionCount	bigint(20) unsigned	Connection Count
ConnectionOpenWaitCount	bigint(20) unsigned	Connection Open Wait Count
ConnectionEstablishedCount	bigint(20) unsigned	Connection Established Count
ConnectionClosedCount	bigint(20) unsigned	Connection Closed Count
ConnectionTimeoutCount	bigint(20) unsigned	Connection Timeout Count
ConnectionResetCount	bigint(20) unsigned	Connection Reset Count

Soap Web Service Metric table

This table contains metrics for Soap Web Service category objects for a specific time interval.

This schema applies to the following table:

- SoapWebService

* indicates the primary key

[1] indicates an index

Table 50. Soap Web Service Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq

Table 50. Soap Web Service Metric table schema

Column	Type	Comment
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
SoapOperationCompletionTimeCnt	bigint(20) unsigned	Soap Operation Completion Time – Count
SoapOperationCompletionTimeSum	double	Soap Operation Completion Time – Sum
SoapOperationCompletionTimeSumSq	double	Soap Operation Completion Time – Sum Sq
SoapOperationCompletionTimeMin	double	Soap Operation Completion Time – Min
SoapOperationCompletionTimeMax	double	Soap Operation Completion Time – Max
SoapOperationCompletionTimePerc	double	Soap Operation Completion Time – Perc
SoapOperationCompletionTimeMean	double	Soap Operation Completion Time – Mean
SoapOperationCompletionTimeStd	double	Soap Operation Completion Time – Std Dev
SoapOperationProcessingTimeCnt	bigint(20) unsigned	Soap Operation Processing Time – Count
SoapOperationProcessingTimeSum	double	Soap Operation Processing Time – Sum
SoapOperationProcessingTimeSumq	double	Soap Operation Processing Time – Sum Sq
SoapOperationProcessingTimeMin	double	Soap Operation Processing Time – Min
SoapOperationProcessingTimeMax	double	Soap Operation Processing Time – Max
SoapOperationProcessingTimePerc	double	Soap Operation Processing Time – Perc
SoapOperationProcessingTimeMean	double	Soap Operation Processing Time – Mean
SoapOperationProcessingTimeStd	double	Soap Operation Processing Time – Std Dev
SoapOperationInitialResponseTimeCnt	bigint(20) unsigned	Soap Operation Initial Response Time – Count
SoapOperationInitialResponseTimeSum	double	Soap Operation Initial Response Time – Sum
SoapOperationInitialResponseTimeSumSq	double	Soap Operation Initial Response Time – Sum Sq
SoapOperationInitialResponseTimeMin	double	Soap Operation Initial Response Time – Min
SoapOperationInitialResponseTimeMax	double	Soap Operation Initial Response Time – Max
SoapOperationInitialResponseTimePerc	double	Soap Operation Initial Response Time – Perc
SoapOperationInitialResponseTimeMean	double	Soap Operation Initial Response Time – Mean
SoapOperationInitialResponseTimeSd	double	Soap Operation Initial Response Time – Std Dev
SoapOperationClientTimeCnt	bigint(20) unsigned	Soap Operation Client Time – Count
SoapOperationClientTimeSum	double	Soap Operation Client Time – Sum
SoapOperationClientTimeSumSq	double	Soap Operation Client Time – Sum Sq
SoapOperationClientTimeMin	double	Soap Operation Client Time – Min
SoapOperationClientTimeMax	double	Soap Operation Client Time – Max

Table 50. Soap Web Service Metric table schema

Column	Type	Comment
SoapOperationClientTimePerc	double	Soap Operation Client Time – Perc
SoapOperationClientTimeMean	double	Soap Operation Client Time – Mean
SoapOperationClientTimeStd	double	Soap Operation Client Time – Std Dev
SoapOperationNetworkLatencyCnt	bigint(20) unsigned	Soap Operation Network Latency – Count
SoapOperationNetworkLatencySum	double	Soap Operation Network Latency – Sum
SoapOperationNetworkLatencySumSq	double	Soap Operation Network Latency – Sum Sq
SoapOperationNetworkLatencyMin	double	Soap Operation Network Latency – Min
SoapOperationNetworkLatencyMax	double	Soap Operation Network Latency – Max
SoapOperationNetworkLatencyPerc	double	Soap Operation Network Latency – Perc
SoapOperationNetworkLatencyMean	double	Soap Operation Network Latency – Mean
SoapOperationNetworkLatencyStd	double	Soap Operation Network Latency – Std Dev
SoapOperationEndToEndTimeCnt	bigint(20) unsigned	Soap Operation End-to-End Time – Count
SoapOperationEndToEndTimeSum	double	Soap Operation End-to-End Time – Sum
SoapOperationEndToEndTimeSumSq	double	Soap Operation End-to-End Time – Sum Sq
SoapOperationEndToEndTimeMin	double	Soap Operation End-to-End Time – Min
SoapOperationEndToEndTimeMax	double	Soap Operation End-to-End Time – Max
SoapOperationEndToEndTimePerc	double	Soap Operation End-to-End Time – Perc
SoapOperationEndToEndTimeMean	double	Soap Operation End-to-End Time – Mean
SoapOperationEndToEndTimeStd	double	Soap Operation End-to-End Time – Std Dev
SoapOperationTimeoutCount	bigint(20) unsigned	Soap Operation Timeout Count
SoapOperationCount	bigint(20) unsigned	Soap Operation Count
SoapOperationSuccessRatioPass	bigint(20) unsigned	Soap Operation Success Ratio – Pass
SoapOperationSuccessRatioTotal	bigint(20) unsigned	Soap Operation Success Ratio – Total
SoapOperationSuccessRatioPerc	double	Soap Operation Success Ratio
SoapOperationRequestPeakCount	int(11)	Soap Operation Request Peak Count per Second
SoapOperationPeakCount	int(11)	Soap Operation Peak Count per Second
SOAPOperationThinkTimeCnt	bigint(20) unsigned	SOAP Operation Think Time - Count
SOAPOperationThinkTimeSum	double	SOAP Operation Think Time – Sum
SOAPOperationThinkTimeSumSq	double	SOAP Operation Think Time – Sum Sq
SOAPOperationThinkTimeMin	double	SOAP Operation Think Time – Min
SOAPOperationThinkTimeMax	double	SOAP Operation Think Time – Max
SOAPOperationThinkTimePerc	double	SOAP Operation Think Time – Perc
SOAPOperationThinkTimeMean	double	SOAP Operation Think Time – Mean
SOAPOperationThinkTimeStd	double	SOAP Operation Think Time – Std Dev
SOAPOperationConsumerOverheadPass	bigint(20) unsigned	SOAP Operation Consumer Overhead - Pass
SOAPOperationConsumerOverheadPerc	double	SOAP Operation Consumer Overhead
SOAPOperationConsumerOverheadTotal	bigint(20) unsigned	SOAP Operation Consumer Overhead – Total

Table 50. Soap Web Service Metric table schema

Column	Type	Comment
SOAPOperationProviderOverheadPass	bigint(20) unsigned	SOAP Operation Provider Overhead - Pass
SOAPOperationProviderOverheadPerc	double	SOAP Operation Provider Overhead
SOAPOperationProviderOverheadTotal	bigint(20) unsigned	SOAP Operation Provider Overhead – Total

Soap ValueCount tables

This table contains distributions and reference counter metrics for the SOAP Application, Soap Operation, Soap Server and Soap Web Service categories for a specific time interval.

This schema applies to the following tables:

- SoapApplicationValueCount
- SoapOperationValueCount
- SoapServerValueCount
- SoapWebServiceValueCount

* indicates the primary key

[1] indicates an index

Table 51. Soap ValueCount tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Soap Resource tables

These tables contain information about the resources (or objects) in the Soap Application, Soap Operation, Soap Server and Soap Web Service categories.

This schema applies to the following tables:

- SoapApplicationResource
- SoapOperationResource
- SoapServerResource
- SoapWebServiceResource

* indicates the primary key

[1] indicates an index

Table 52. Soap Resource tables schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

Soap Relation tables

These tables contain information about object relationships in the Soap Web Service and Soap Server categories whose metrics have been recorded. The ResourceID and ChildResourceID columns identify the parent and child objects respectively.

This schema applies to the following tables:

- SoapWebServiceRelation
- SoapServerRelation

* indicates the primary key

[1] indicates an index

Table 53. Soap Relation tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
ChildResourceID *	char(34)	Unique identifier for this resource (object)
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
SequenceID	smallint(6)	Ordinal position in a sequence if applicable
ChildGroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ChildCount	bigint(20)	Count for the relationship if applicable

Soap Consumer database

This database contains records for the Soap Consumer category.

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Soap Consumer Metric tables
- Soap Consumer ValueCount table
- Soap Consumer Resource table
- Soap Consumer Relation table

Soap Consumer Metric tables

This table contains metrics for Soap Consumer category objects for a specific time interval.

This schema applies to the following table:

- SoapConsumer

* indicates the primary key

[1] indicates an index

Table 54. Soap Consumer Metric tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq

Table 54. Soap Consumer Metric tables schema

Column	Type	Comment
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
SoapOperationCompletionTimeCnt	bigint(20) unsigned	Soap Operation Completion Time – Count
SoapOperationCompletionTimeSum	double	Soap Operation Completion Time – Sum
SoapOperationCompletionTimeSumq	double	Soap Operation Completion Time – Sum Sq
SoapOperationCompletionTimeMin	double	Soap Operation Completion Time – Min
SoapOperationCompletionTimeMax	double	Soap Operation Completion Time – Max
SoapOperationCompletionTimePerc	double	Soap Operation Completion Time – Perc
SoapOperationCompletionTimeMean	double	Soap Operation Completion Time – Mean
SoapOperationCompletionTimeStd	double	Soap Operation Completion Time – Std Dev
SoapOperationProcessingTimeCnt	bigint(20) unsigned	Soap Operation Processing Time – Count
SoapOperationProcessingTimeSum	double	Soap Operation Processing Time – Sum
SoapOperationProcessingTimeSumq	double	Soap Operation Processing Time – Sum Sq
SoapOperationProcessingTimeMin	double	Soap Operation Processing Time – Min
SoapOperationProcessingTimeMax	double	Soap Operation Processing Time – Max
SoapOperationProcessingTimePerc	double	Soap Operation Processing Time – Perc
SoapOperationProcessingTimeMean	double	Soap Operation Processing Time – Mean
SoapOperationProcessingTimeStd	double	Soap Operation Processing Time – Std Dev
SoapOperationInitialResponseTiment	bigint(20) unsigned	Soap Operation Initial Response Time – Count
SoapOperationInitialResponseTimeSum	double	Soap Operation Initial Response Time – Sum
SoapOperationInitialResponseTimeSumSq	double	Soap Operation Initial Response Time – Sum Sq
SoapOperationInitialResponseTimein	double	Soap Operation Initial Response Time – Min
SoapOperationInitialResponseTimex	double	Soap Operation Initial Response Time – Max
SoapOperationInitialResponseTimePerc	double	Soap Operation Initial Response Time – Perc
SoapOperationInitialResponseTimeMean	double	Soap Operation Initial Response Time – Mean
SoapOperationInitialResponseTimeStd	double	Soap Operation Initial Response Time – Std Dev
SoapOperationClientTimeCnt	bigint(20) unsigned	Soap Operation Client Time – Count
SoapOperationClientTimeSum	double	Soap Operation Client Time – Sum
SoapOperationClientTimeSumSq	double	Soap Operation Client Time – Sum Sq
SoapOperationClientTimeMin	double	Soap Operation Client Time – Min
SoapOperationClientTimeMax	double	Soap Operation Client Time – Max

Table 54. Soap Consumer Metric tables schema

Column	Type	Comment
SoapOperationClientTimePerc	double	Soap Operation Client Time – Perc
SoapOperationClientTimeMean	double	Soap Operation Client Time – Mean
SoapOperationClientTimeStd	double	Soap Operation Client Time – Std Dev
SoapOperationNetworkLatencyCnt	bigint(20) unsigned	Soap Operation Network Latency – Count
SoapOperationNetworkLatencySum	double	Soap Operation Network Latency – Sum
SoapOperationNetworkLatencySumq	double	Soap Operation Network Latency – Sum Sq
SoapOperationNetworkLatencyMin	double	Soap Operation Network Latency – Min
SoapOperationNetworkLatencyMax	double	Soap Operation Network Latency – Max
SoapOperationNetworkLatencyPerc	double	Soap Operation Network Latency – Perc
SoapOperationNetworkLatencyMean	double	Soap Operation Network Latency – Mean
SoapOperationNetworkLatencyStd	double	Soap Operation Network Latency – Std Dev
SoapOperationEndToEndTimeCnt	bigint(20) unsigned	Soap Operation End-to-End Time – Count
SoapOperationEndToEndTimeSum	double	Soap Operation End-to-End Time – Sum
SoapOperationEndToEndTimeSumSq	double	Soap Operation End-to-End Time – Sum Sq
SoapOperationEndToEndTimeMin	double	Soap Operation End-to-End Time – Min
SoapOperationEndToEndTimeMax	double	Soap Operation End-to-End Time – Max
SoapOperationEndToEndTimePerc	double	Soap Operation End-to-End Time – Perc
SoapOperationEndToEndTimeMean	double	Soap Operation End-to-End Time – Mean
SoapOperationEndToEndTimeStd	double	Soap Operation End-to-End Time – Std Dev
SoapOperationTimeoutCount	bigint(20) unsigned	Soap Operation Timeout Count
SoapOperationCount	bigint(20) unsigned	Soap Operation Count
SoapOperationSuccessCount	bigint(20) unsigned	Soap Operation Success Count
SoapOperationFailureCount	bigint(20) unsigned	Soap Operation Failure Count
SoapOperationSuccessRatioPass	bigint(20) unsigned	Soap Operation Success Ratio – Pass
SoapOperationSuccessRatioTotal	bigint(20) unsigned	Soap Operation Success Ratio – Total
SoapOperationSuccessRatioPerc	double	Soap Operation Success Ratio
SOAPOperationThinkTimeCnt	bigint(20) unsigned	SOAP Operation Think Time - Count
SOAPOperationThinkTimeSum	double	SOAP Operation Think Time – Sum
SOAPOperationThinkTimeSumSq	double	SOAP Operation Think Time – Sum Sq
SOAPOperationThinkTimeMin	double	SOAP Operation Think Time – Min
SOAPOperationThinkTimeMax	double	SOAP Operation Think Time – Max
SOAPOperationThinkTimePerc	double	SOAP Operation Think Time – Perc
SOAPOperationThinkTimeMean	double	SOAP Operation Think Time – Mean
SOAPOperationThinkTimeStd	double	SOAP Operation Think Time – Std Dev
ResponseCodeCount	bigint(20) unsigned	Total Response Codes
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max

Table 54. Soap Consumer Metric tables schema

Column	Type	Comment
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev

Soap Consumer ValueCount table

This table contains distributions and reference counter metrics for the Soap Consumer category for a specific time interval.

This schema applies to the following table:

- SoapConsumerValueCount

* indicates the primary key

[1] indicates an index

Table 55. Soap Consumer ValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Soap Consumer Resource table

These tables contain information about the resources (or objects) in the Soap Consumer category.

This schema applies to the following table:

- SoapConsumerResource

* indicates the primary key

[1] indicates an index

Table 56. Soap Consumer Resource table

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

Soap Consumer Relation table

These tables contain information about object relationships in the Soap Consumer category. The ResourceID and ChildResourceID columns identify the parent and child objects respectively.

This schema applies to the following table:

- SoapConsumerRelation

* indicates the primary key

[1] indicates an index

Table 57. Soap Consumer Relation table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
ChildResourceID *	char(34)	Unique identifier for this resource (object)
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
SequenceID	smallint(6)	Ordinal position in a sequence if applicable
ChildGroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ChildCount	bigint(20)	Count for the relationship if applicable

Soap Fault database

The SoapFault database contains records for the Soap Fault category.

Soap Fault table

This table contains records for each Http Fault object.

This schema applies to the following table:

- SoapFault

* indicates the primary key

[1] indicates an index

Table 58. Soap Fault table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ResourceID *	char(34)	Unique identifier for this resource (object)
TimeStamp *	datetime	See TimeStamp in Appendix A
FaultCode	varchar(1024)	SOAP fault code
FaultSubCode	varchar(1024)	SOAP fault sub-code
FaultString	varchar(1024)	SOAP fault string

Table 58. Soap Fault table schema

Column	Type	Comment
FaultActor	varchar(1024)	SOAP fault actor
FaultDetail	varchar(1024)	SOAP fault details
SoapWebService	char(34)	Unique identifier for Soap Web Service where fault occurred
SoapOperation	char(34)	Unique identifier for the Soap Operation that had the fault
SoapServer	char(34)	Unique identifier for the Soap Server where the fault occurred
SoapConsumer	char(34)	Unique identifier for the Soap Consumer that triggered the fault
ResponseCode	int(10) unsigned	HTTP response code that was returned (4xx, 5xx)
EventTime	datetime	Date and time the fault occurred

Soap Transaction database

The Site database contains records for the following categories:

- Soap Transaction
- Soap Transaction Step

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Soap Transaction Metric table
- Soap Transaction Step Metric table
- Soap Transaction ValueCount tables
- Soap Transaction Resource tables
- Soap Transaction Relation table

Soap Transaction Metric table

This table contains metrics for Soap Transaction category objects for a specific time interval.

This schema applies to the following table:

- SoapTransaction

* indicates the primary key

[1] indicates an index

Table 59. Soap Transaction Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)

Table 59. Soap Transaction Metric table schema

Column	Type	Comment
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min

Table 59. Soap Transaction Metric table schema

Column	Type	Comment
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
SOAPTransactionEndToEndTimeServiceLevelPass	bigint(20) unsigned	SOAP Transaction End-to-End Time Service Level - Pass
SOAPTransactionEndToEndTimeServiceLevelPerc	double	SOAP Transaction End-to-End Time Service Level
SOAPTransactionEndToEndTimeServiceLevelTotal	bigint(20) unsigned	SOAP Transaction End-to-End Time Service Level - Total
SOAPTransactionEndToEndTimeCnt	bigint(20) unsigned	SOAP Transaction End-to-End Time - Count
SOAPTransactionEndToEndTimeSum	double	SOAP Transaction End-to-End Time – Sum
SOAPTransactionEndToEndTimeSumSq	double	SOAP Transaction End-to-End Time – Sum Sq
SOAPTransactionEndToEndTimeMin	double	SOAP Transaction End-to-End Time – Min
SOAPTransactionEndToEndTimeMax	double	SOAP Transaction End-to-End Time – Max
SOAPTransactionEndToEndTimePerc	double	SOAP Transaction End-to-End Time – Perc
SOAPTransactionEndToEndTimeMean	double	SOAP Transaction End-to-End Time – Mean
SOAPTransactionEndToEndTimeStd	double	SOAP Transaction End-to-End Time – Std Dev
SoapTransactionServiceCount	bigint(20) unsigned	Soap Transaction Service Count
SOAPTransactionTimeoutCount	bigint(20) unsigned	SOAP Transaction Timeout Count
SOAPTransactionThinkTimeCnt	bigint(20) unsigned	SOAP Transaction Think Time - Count
SOAPTransactionThinkTimeSum	double	SOAP Transaction Think Time – Sum
SOAPTransactionThinkTimeSumSq	double	SOAP Transaction Think Time – Sum Sq
SOAPTransactionThinkTimeMin	double	SOAP Transaction Think Time – Min
SOAPTransactionThinkTimeMax	double	SOAP Transaction Think Time – Max
SOAPTransactionThinkTimePerc	double	SOAP Transaction Think Time – Perc
SOAPTransactionThinkTimeMean	• double	SOAP Transaction Think Time – Mean
SOAPTransactionThinkTimeStd	• double	SOAP Transaction Think Time – Std Dev

Table 59. Soap Transaction Metric table schema

Column	Type	Comment
SoapTransactionDurationCnt	bigint(20) unsigned	Soap Transaction Duration – Count
SoapTransactionDurationSum	double	Soap Transaction Duration – Sum
SoapTransactionDurationSumSq	double	Soap Transaction Duration – Sum Sq
SoapTransactionDurationMin	double	Soap Transaction Duration – Min
SoapTransactionDurationMax	double	Soap Transaction Duration – Max
SoapTransactionDurationPerc	double	Soap Transaction Duration – Perc
SoapTransactionDurationMean	double	Soap Transaction Duration – Mean
SoapTransactionDurationStd	double	Soap Transaction Duration – Std Dev
SoapTransactionCompletionTimeCnt	bigint(20) unsigned	Soap Transaction Completion Time – Count
SoapTransactionCompletionTimeSum	double	Soap Transaction Completion Time – Sum
SoapTransactionCompletionTimeSumSq	double	Soap Transaction Completion Time – Sum Sq
SoapTransactionCompletionTimeMin	double	Soap Transaction Completion Time – Min
SoapTransactionCompletionTimeMax	double	Soap Transaction Completion Time – Max
SoapTransactionCompletionTimePerc	double	Soap Transaction Completion Time – Perc
SoapTransactionCompletionTimeMean	double	Soap Transaction Completion Time – Mean
SoapTransactionCompletionTimeStd	double	Soap Transaction Completion Time – Std Dev
SoapTransactionAbortCount	bigint(20) unsigned	Soap Transaction Abort Count
SoapTransactionProcessingTimeCnt	bigint(20) unsigned	Soap Transaction Processing Time – Count
SoapTransactionProcessingTimeSum	double	Soap Transaction Processing Time – Sum
SoapTransactionProcessingTimeSumSq	double	Soap Transaction Processing Time – Sum Sq
SoapTransactionProcessingTimeMin	double	Soap Transaction Processing Time – Min
SoapTransactionProcessingTimeMax	double	Soap Transaction Processing Time – Max
SoapTransactionProcessingTimePerc	double	Soap Transaction Processing Time – Perc
SoapTransactionProcessingTimeMean	double	Soap Transaction Processing Time – Mean
SoapTransactionProcessingTimeStd	double	Soap Transaction Processing Time – Std Dev
SoapTransactionInitialResponseTimeCnt	bigint(20) unsigned	Soap Transaction Initial Response Time – Count

Table 59. Soap Transaction Metric table schema

Column	Type	Comment
SoapTransactionInitialResponseTimeSum	double	Soap Transaction Initial Response Time – Sum
SoapTransactionInitialResponseTimeSumSq	double	Soap Transaction Initial Response Time – Sum Sq
SoapTransactionInitialResponseTimeMin	double	Soap Transaction Initial Response Time – Min
SoapTransactionInitialResponseTimeMax	double	Soap Transaction Initial Response Time – Max
SoapTransactionInitialResponseTimePerc	double	Soap Transaction Initial Response Time – Perc
SoapTransactionInitialResponseTimeMean	double	Soap Transaction Initial Response Time – Mean
SoapTransactionInitialResponseTimeStd	double	Soap Transaction Initial Response Time – Std Dev
SoapTransactionClientTimeCnt	bigint(20) unsigned	Soap Transaction Client Time – Count
SoapTransactionClientTimeSum	double	Soap Transaction Client Time – Sum
SoapTransactionClientTimeSumSq	double	Soap Transaction Client Time – Sum Sq
SoapTransactionClientTimeMin	double	Soap Transaction Client Time – Min
SoapTransactionClientTimeMax	double	Soap Transaction Client Time – Max
SoapTransactionClientTimePerc	double	Soap Transaction Client Time – Perc
SoapTransactionClientTimeMean	double	Soap Transaction Client Time – Mean
SoapTransactionClientTimeStd	double	Soap Transaction Client Time – Std Dev
SoapTransactionNetworkLatencyCnt	bigint(20) unsigned	Soap Transaction Network Latency – Count
SoapTransactionNetworkLatencySum	double	Soap Transaction Network Latency – Sum
SoapTransactionNetworkLatencySumSq	double	Soap Transaction Network Latency – Sum Sq
SoapTransactionNetworkLatencyMin	double	Soap Transaction Network Latency – Min
SoapTransactionNetworkLatencyMax	double	Soap Transaction Network Latency – Max
SoapTransactionNetworkLatencyPec	double	Soap Transaction Network Latency – Perc
SoapTransactionNetworkLatencyMean	double	Soap Transaction Network Latency – Mean
SoapTransactionNetworkLatencyStd	double	Soap Transaction Network Latency – Std Dev
SoapTransactionProcessingTimeServiceLevelPass	bigint(20) unsigned	Soap Transaction Processing Time Service Level – Pass

Table 59. Soap Transaction Metric table schema

Column	Type	Comment
SoapTransactionProcessingTimeServiceLevelTotal	bigint(20) unsigned	Soap Transaction Processing Time Service Level – Total
SoapTransactionProcessingTimeServiceLevelPerc	bigint(20) unsigned	Soap Transaction Processing Time Service Level
SoapTransactionPeakCount	int(11)	Soap Transaction Peak Count per Second
SoapTransactionRequestPeakCount	int(11)	Soap Transaction Request Peak Count per Second

Soap Transaction Step Metric table

This table contains metrics for Soap Transaction Step category objects for a specific time interval.

This schema applies to the following table:

- SoapTransactionStep

* indicates the primary key

[1] indicates an index

Table 60. Soap Transaction Step Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev

Table 60. Soap Transaction Step Metric table schema

Column	Type	Comment
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
SoapOperationCompletionTimeCnt	bigint(20) unsigned	Soap Operation Completion Time – Count
SoapOperationCompletionTimeSum	double	Soap Operation Completion Time – Sum
SoapOperationCompletionTimeSumSq	double	Soap Operation Completion Time – Sum Sq
SoapOperationCompletionTimeMin	double	Soap Operation Completion Time – Min
SoapOperationCompletionTimeMax	double	Soap Operation Completion Time – Max
SoapOperationCompletionTimePerc	double	Soap Operation Completion Time – Perc
SoapOperationCompletionTimeMean	double	Soap Operation Completion Time – Mean
SoapOperationCompletionTimeStd	double	Soap Operation Completion Time – Std Dev
SoapOperationProcessingTimeCnt	bigint(20) unsigned	Soap Operation Processing Time – Count
SoapOperationProcessingTimeSum	double	Soap Operation Processing Time – Sum
SoapOperationProcessingTimeSumq	double	Soap Operation Processing Time – Sum Sq
SoapOperationProcessingTimeMin	double	Soap Operation Processing Time – Min
SoapOperationProcessingTimeMax	double	Soap Operation Processing Time – Max
SoapOperationProcessingTimePerc	double	Soap Operation Processing Time – Perc
SoapOperationProcessingTimeMean	double	Soap Operation Processing Time – Mean
SoapOperationProcessingTimeStd	double	Soap Operation Processing Time – Std Dev
SoapOperationInitialResponseTimeCnt	bigint(20) unsigned	Soap Operation Initial Response Time – Count
SoapOperationInitialResponseTimeSum	double	Soap Operation Initial Response Time – Sum
SoapOperationInitialResponseTimeSum Sq	double	Soap Operation Initial Response Time – Sum Sq
SoapOperationInitialResponseTimeMin	double	Soap Operation Initial Response Time – Min

Table 60. Soap Transaction Step Metric table schema

Column	Type	Comment
SoapOperationInitialResponseTimeMax	double	Soap Operation Initial Response Time – Max
SoapOperationInitialResponseTimePerc	double	Soap Operation Initial Response Time – Perc
SoapOperationInitialResponseTimeMean	double	Soap Operation Initial Response Time – Mean
SoapOperationInitialResponseTimeStd	double	Soap Operation Initial Response Time – Std Dev
SoapOperationClientTimeCnt	bigint(20) unsigned	Soap Operation Client Time – Count
SoapOperationClientTimeSum	double	Soap Operation Client Time – Sum
SoapOperationClientTimeSumSq	double	Soap Operation Client Time – Sum Sq
SoapOperationClientTimeMin	double	Soap Operation Client Time – Min
SoapOperationClientTimeMax	double	Soap Operation Client Time – Max
SoapOperationClientTimePerc	double	Soap Operation Client Time – Perc
SoapOperationClientTimeMean	double	Soap Operation Client Time – Mean
SoapOperationClientTimeStd	double	Soap Operation Client Time – Std Dev
SoapOperationNetworkLatencyCnt	bigint(20) unsigned	Soap Operation Network Latency – Count
SoapOperationNetworkLatencySum	double	Soap Operation Network Latency – Sum
SoapOperationNetworkLatencySumSq	double	Soap Operation Network Latency – Sum Sq
SoapOperationNetworkLatencyMin	double	Soap Operation Network Latency – Min
SoapOperationNetworkLatencyMax	double	Soap Operation Network Latency – Max
SoapOperationNetworkLatencyPerc	double	Soap Operation Network Latency – Perc
SoapOperationNetworkLatencyMean	double	Soap Operation Network Latency – Mean
SoapOperationNetworkLatencyStd	double	Soap Operation Network Latency – Std Dev
SoapOperationEndToEndTimeCnt	bigint(20) unsigned	Soap Operation End-to-End Time – Count
SoapOperationEndToEndTimeSum	double	Soap Operation End-to-End Time – Sum
SoapOperationEndToEndTimeSumSq	double	Soap Operation End-to-End Time – Sum Sq
SoapOperationEndToEndTimeMin	double	Soap Operation End-to-End Time – Min
SoapOperationEndToEndTimeMax	double	Soap Operation End-to-End Time – Max
SoapOperationEndToEndTimePerc	double	Soap Operation End-to-End Time – Perc
SoapOperationEndToEndTimeMean	double	Soap Operation End-to-End Time – Mean
SoapOperationEndToEndTimeStd	double	Soap Operation End-to-End Time – Std Dev

Soap Transaction ValueCount tables

This table contains distributions and reference counter metrics for the Soap Transaction and Soap Transaction Step categories for a specific time interval.

This schema applies to the following tables:

- SoapTransactionValueCount
- SoapTransactionStepValueCount

* indicates the primary key

[1] indicates an index

Table 61. Soap Transaction ValueCount tables schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTT,P 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Soap Transaction Resource tables

These tables contain information about the resources (or objects) in the Soap Transaction and Soap Transaction Step categories.

This schema applies to the following tables:

- SoapTransactionResource
- SoapTransactionStepResource

* indicates the primary key

[1] indicates an index

Table 62. Soap Transaction Resource tables schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

Soap Transaction Relation table

These tables contain information about object relationships in the Soap Transaction category. The ResourceID and ChildResourceID columns identify the parent and child objects respectively.

This schema applies to the following table:

- SoapTransactionRelation

* indicates the primary key

[1] indicates an index

Table 63. Soap Transaction Relation table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
ChildResourceID *	char(34)	Unique identifier for this resource (object)
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
SequenceID	smallint(6)	Ordinal position in a sequence if applicable
ChildGroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ChildCount	bigint(20)	Count for the relationship if applicable

Subnet database

The Subnet database contains records for the Subnet category.

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- Subnet Metric table
- Subnet ValueCount table
- Subnet Resource table

Subnet Metric table

This table contains metrics for Subnet category objects for a specific time interval.

This schema applies to the following table:

- Subnet

* indicates the primary key

[1] indicates an index

Table 64. Subnet Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User

Table 64. Subnet Metric table schema

Column	Type	Comment
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum

Table 64. Subnet Metric table schema

Column	Type	Comment
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumSq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio

Table 64. Subnet Metric table schema

Column	Type	Comment
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
ConnectionDurationCnt	bigint(20) unsigned	Connection Duration – Count
ConnectionDurationSum	double	Connection Duration – Sum
ConnectionDurationSumSq	double	Connection Duration – Sum Sq
ConnectionDurationMin	double	Connection Duration – Min
ConnectionDurationMax	double	Connection Duration – Max
ConnectionDurationPerc	double	Connection Duration – Perc
ConnectionDurationMean	double	Connection Duration – Mean
ConnectionDurationStd	double	Connection Duration – Std Dev
UserStickinessCnt	bigint(20) unsigned	User Stickiness – Count
UserStickinessSum	double	User Stickiness – Sum
UserStickinessSumSq	double	User Stickiness – Sum Sq
UserStickinessMin	double	User Stickiness – Min
UserStickinessMax	double	User Stickiness – Max
UserStickinessPerc	double	User Stickiness – Perc
UserStickinessMean	double	User Stickiness – Mean
UserStickinessStd	double	User Stickiness – Std Dev
UserCount	bigint(20) unsigned	User Count
SessionCount	bigint(20) unsigned	Session Count
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc
PageEndToEndTimeMean	double	Page End-to-End Time – Mean

Table 64. Subnet Metric table schema

Column	Type	Comment
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate – Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate – Total
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev

Subnet ValueCount table

This table contains distributions and reference counter metrics for Subnet category objects for a specific time interval.

This schema applies to the following table:

- SubnetValueCount

* indicates the primary key

[1] indicates an index

Table 65. Subnet ValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

Subnet Resource table

These tables contain information about the resources (or objects) in the Subnet category.

This schema applies to the following table:

- SubnetResource

* indicates the primary key

[1] indicates an index

Table 66. Subnet Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

System database

The System database contains records for the System Database and System Health categories.

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- System Database Metric table
- System Database Resource table
- System Health Metric table
- System Health Resource table

System Database Metric table

This table contains metrics for System Database category objects for a specific time interval.

This schema applies to the following table:

- SystemDatabase

* indicates the primary key

[1] indicates an index

Table 67. System Database Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ResourceID *	char(34)	Unique identifier for this resource (object)
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
BaselinePartitionSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's baseline data partition
DayPartitionSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's day data partition
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
HourPartitionSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's hour data partition
MetricTableEntries	bigint(20) unsigned	Metric Table Entries
MetricTableSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's metric table
MinutePartitionSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's 5-minute interval data partitions
MissingData	tinyint(1)	1 = this record does not include all probes
MonthPartitionSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's month data partition
ResourceTableEntries	bigint(20) unsigned	Resource Table Entries
ResourceTableSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's resource table
RelationTableEntries	bigint(20) unsigned	Relation Table Entries
RelationTableSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's relation table
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TotalTableSize	bigint(20) unsigned	The number of bytes consumed on the file system by all category's metric tables
ValueCountTableEntries	bigint(20) unsigned	Value Count Table Entries
ValueCountTableSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's value count table
WeekPartitionSize	bigint(20) unsigned	The number of bytes consumed on the file system by the category's week data partition

System Database Resource table

These tables contain information about the resources (or objects) in the System Database category.

This schema applies to the following table:

- SystemDatabaseResource

* indicates the primary key

[1] indicates an index

Table 68. System Database Resource table schema

Column	Type	Comment
CategoryID	int(11)	Integer value that uniquely identifies the category
DatabaseName	varchar (255)	The name of the database in which the category's table resides
DisplayName	text	Displayable name of the resource
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
Name	text	Name of the resource
ResourceID *	char(34)	Unique identifier for this resource (object)

System Health Metric table

This table contains metrics for System Health category objects for a specific time interval.

This schema applies to the following table:

- SystemHealth

* indicates the primary key

[1] indicates an index

Table 69. System Health Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
PacketsCaptured	bigint(20) unsigned	Packets Captured
PacketsProcessed	bigint(20) unsigned	Packets Processed
PacketsDropped	bigint(20) unsigned	Packets Dropped
PacketsCapturedPort1	bigint(20) unsigned	Packets Captured – Port 1
PacketsProcessedPort1	bigint(20) unsigned	Packets Processed – Port 1
PacketsDroppedPort1	bigint(20) unsigned	Packets Dropped – Port 1
PacketsCapturedPort2	bigint(20) unsigned	Packets Captured – Port 2
PacketsProcessedPort2	bigint(20) unsigned	Packets Processed – Port 2

Table 69. System Health Metric table schema

Column	Type	Comment
PacketsDroppedPort2	bigint(20) unsigned	Packets Dropped – Port 2
PacketsCapturedPort3	bigint(20) unsigned	Packets Captured – Port 3
PacketsProcessedPort3	bigint(20) unsigned	Packets Processed – Port 3
PacketsDroppedPort3	bigint(20) unsigned	Packets Dropped – Port 3
PacketsCapturedPort4	bigint(20) unsigned	Packets Captured – Port 4
PacketsProcessedPort4	bigint(20) unsigned	Packets Processed – Port 4
PacketsDroppedPort4	bigint(20) unsigned	Packets Dropped – Port 4
PacketsCapturedPort5	bigint(20) unsigned	Packets Captured – Port 5
PacketsProcessedPort5	bigint(20) unsigned	Packets Processed – Port 5
PacketsDroppedPort5	bigint(20) unsigned	Packets Dropped – Port 5
PacketsCapturedPort6	bigint(20) unsigned	Packets Captured – Port 6
PacketsProcessedPort6	bigint(20) unsigned	Packets Processed – Port 6
PacketsDroppedPort6	bigint(20) unsigned	Packets Dropped – Port 6
PacketsCapturedPort7	bigint(20) unsigned	Packets Captured – Port 7
PacketsProcessedPort7	bigint(20) unsigned	Packets Processed – Port 7
PacketsDroppedPort7	bigint(20) unsigned	Packets Dropped – Port 7
PacketsCapturedPort8	bigint(20) unsigned	Packets Captured – Port 8
PacketsProcessedPort8	bigint(20) unsigned	Packets Processed – Port 8
PacketsDroppedPort8	bigint(20) unsigned	Packets Dropped – Port 8
SSLConnectionsReleased	bigint(20) unsigned	SSL Connections Released
SSLConnectionErrors	bigint(20) unsigned	SSL Connections Started
TCPConnectionsStarted	bigint(20) unsigned	Connections Started
TCPConnectionsDropped	bigint(20) unsigned	Connections Dropped
TCPConnectionErrors	bigint(20) unsigned	Connection Errors
TCPChecksumErrors	bigint(20) unsigned	Checksum Errors
ClientSegmentsCount	bigint(20) unsigned	Client Segments Count
ServerSegmentsCount	bigint(20) unsigned	Server Segments Count
ClientSegmentsMissing	bigint(20) unsigned	Clients Segments Missing
ServerSegmentsMissing	bigint(20) unsigned	Server Segments Missing
DatabaseRecordsLoaded	bigint(20) unsigned	Database Records Loaded
DatabaseLoadTime	bigint(20) unsigned	Database Load Time
AgentRestarts	bigint(20) unsigned	Agent Restarts
MemoryConsumptionWarnings	bigint(20) unsigned	Memory Consumption Warnings
AgentMemoryConsumptionWarnings	bigint(20) unsigned	Agent Memory Consumption Warnings
TotalSoapErrors	bigint(20) unsigned	SOAP Errors
TotalSoapXmlErrors	bigint(20) unsigned	SOAP XML Errors
TotalSoapMessageCount	bigint(20) unsigned	SOAP Message Count
CpuUtilizationPass	bigint(20) unsigned	CPU Utilization – Pass
CpuUtilizationTotal	bigint(20) unsigned	CPU Utilization – Total
CpuUtilizationPerc	double	CPU Utilization – Perc
Cpu1UtilizationPass	bigint(20) unsigned	CPU Core 1 Utilization – Pass
Cpu1UtilizationTotal	bigint(20) unsigned	CPU Core 1 Utiliization – Total

Table 69. System Health Metric table schema

Column	Type	Comment
Cpu1UtilizationPerc	double	CPU Core 1 Utilization – Perc
Cpu2UtilizationPass	bigint(20) unsigned	CPU Core 2 Utilization – Pass
Cpu2UtilizationTotal	bigint(20) unsigned	CPU Core 2 Utiliization – Total
Cpu2UtilizationPerc	double	CPU Core 2 Utilization – Perc
Cpu3UtilizationPass	bigint(20) unsigned	CPU Core 3Utilization – Pass
Cpu3UtilizationTotal	bigint(20) unsigned	CPU Core 3Utiliization – Total
Cpu3UtilizationPerc	double	CPU Core 3Utilization – Perc
Cpu4UtilizationPass	bigint(20) unsigned	CPU Core 4 Utilization – Pass
Cpu4UtilizationTotal	bigint(20) unsigned	CPU Core 4 Utiliization – Total
Cpu4UtilizationPerc	double	CPU Core 4 Utilization – Perc
Cpu5UtilizationPass	bigint(20) unsigned	CPU Core 5 Utilization – Pass
Cpu5UtilizationTotal	bigint(20) unsigned	CPU Core 5 Utiliization – Total
Cpu5UtilizationPerc	double	CPU Core 5 Utilization – Perc
Cpu6UtilizationPass	bigint(20) unsigned	CPU Core 6 Utilization – Pass
Cpu6UtilizationTotal	bigint(20) unsigned	CPU Core 6 Utiliization – Total
Cpu6UtilizationPerc	double	CPU Core 6 Utilization – Perc
Cpu7UtilizationPass	bigint(20) unsigned	CPU Core 7 Utilization – Pass
Cpu7UtilizationTotal	bigint(20) unsigned	CPU Core 7 Utiliization – Total
Cpu7UtilizationPerc	double	CPU Core 7 Utilization – Perc
Cpu8UtilizationPass	bigint(20) unsigned	CPU Core 8Utilization – Pass
Cpu8UtilizationTotal	bigint(20) unsigned	CPU Core 8 Utiliization – Total
Cpu8UtilizationPerc	double	CPU Core 8 Utilization – Perc
BackupErrorCount	bigint(20) unsigned	Backup Errors
SiteMinderErrors	bigint(20) unsigned	SiteMinder Errors
BytesTransmitted	bigint(20) unsigned	FxV Bytes Transmitted
Discards	bigint(20) unsigned	FxV Discards
HitsTransmitted	bigint(20) unsigned	FxV Hits Transmitted

System Health Resource table

These tables contain information about the resources (or objects) in the System Health category.

This schema applies to the following table:

- SystemHealthResource

* indicates the primary key

[1] indicates an index

Table 70. System Health Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

User Agent database

The Subnet database contains records for the User Agent category.

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- User Agent Metric table
- User AgentValueCount table
- User Agent Resource table

User Agent Metric table

This table contains metrics for User Agent category objects for a specific time interval.

This schema applies to the following table:

- UserAgent

* indicates the primary key

[1] indicates an index

Table 71. User Agent Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
ResourceID *	char(34)	Unique identifier for this resource (object)
SampleCount	bigint(20) unsigned	See SampleCount in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
GroupID	int(11)	1 = HTTP, 2 = HTTPS, 0 = None
MissingData	tinyint(1)	1 = this record does not include all probes
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean

Table 71. User Agent Metric table schema

Column	Type	Comment
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
UserStickinessCnt	bigint(20) unsigned	User Stickiness – Count
UserStickinessSum	double	User Stickiness – Sum
UserStickinessSumSq	double	User Stickiness – Sum Sq
UserStickinessMin	double	User Stickiness – Min
UserStickinessMax	double	User Stickiness – Max

Table 71. User Agent Metric table schema

Column	Type	Comment
UserStickinessPerc	double	User Stickiness – Perc
UserStickinessMean	double	User Stickiness – Mean
UserStickinessStd	double	User Stickiness – Std Dev
UserCount	bigint(20) unsigned	User Count
SessionCount	bigint(20) unsigned	Session Count
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc
PageEndToEndTimeMean	double	Page End-to-End Time – Mean
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min

Table 71. User Agent Metric table schema

Column	Type	Comment
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate – Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate – Total
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev

User AgentValueCount table

This table contains distributions and reference counter metrics for User Agent category objects for a specific time interval.

This schema applies to the following table:

- UserAgentValueCount

* indicates the primary key

[1] indicates an index

Table 72. User AgentValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None

Table 72. User AgentValueCount table schema

Column	Type	Comment
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

User Agent Resource table

These tables contain information about the resources (or objects) in the User Agent category.

This schema applies to the following table:

- UserAgentResource

* indicates the primary key

[1] indicates an index

Table 73. User Agent Resource table schema

Column	Type	Comment
Inactive	tinyint(1)	1 = resource is inactive; configuration has been deleted
ResourceID *	char(34)	Unique identifier for this resource (object)
Name	text	Name of the resource
DisplayName	text	Displayable name of the resource

User Session database

The Subnet database contains records for the Subnet category.

The tables in this database contain metrics and resource (or object) names.

For details, see these topics:

- User Session Metric table
- User Session Page Metric table
- User Session Hit Metric table
- User Session ValueCount table

User Session Metric table

This table contains metrics for User Session category objects for a specific time interval.

This schema applies to the following table:

- UserSession

* indicates the primary key

[1] indicates an index

Table 74. User Session Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ResourceID *	char(34)	Unique identifier for this resource (object)
TimeStamp *	datetime	See TimeStamp in Appendix A
ClientPacketCnt	bigint(20) unsigned	IP Packet Count – User
ClientPacketSum	double	IP Packet Byte Volume – User
ClientPacketSumSq	double	IP Packet Size – User – Sum Sq
ClientPacketMin	double	IP Packet Size – User – Min
ClientPacketMax	double	IP Packet Size – User – Max
ClientPacketPerc	double	IP Packet Size – User – Perc
ClientPacketMean	double	IP Packet Size – User – Mean
ClientPacketStd	double	IP Packet Size – User – Std Dev
ServerPacketCnt	bigint(20) unsigned	IP Packet Count – Server
ServerPacketSum	double	IP Packet Byte Volume – Server
ServerPacketSumSq	double	IP Packet Size – Server – Sum Sq
ServerPacketMin	double	IP Packet Size – Server – Min
ServerPacketMax	double	IP Packet Size – Server – Max
ServerPacketPerc	double	IP Packet Size – Server – Perc
ServerPacketMean	double	IP Packet Size – Server – Mean
ServerPacketStd	double	IP Packet Size – Server – Std Dev
RequestDataCnt	bigint(20) unsigned	Command Data Size – User – Count
RequestDataSum	double	Command Byte Volume – User
RequestDataSumSq	double	Command Data Size – User – Sum Sq
RequestDataMin	double	Command Data Size – User – Min
RequestDataMax	double	Command Data Size – User – Max
RequestDataPerc	double	Command Data Size – User – Perc
RequestDataMean	double	Command Data Size – User – Mean
RequestDataStd	double	Command Data Size – User – Std Dev
ResponseDataCnt	bigint(20) unsigned	Command Data Size – Server – Count
ResponseDataSum	double	Command Byte Volume – Server
ResponseDataSumSq	double	Command Data Size – Server – Sum Sq
ResponseDataMin	double	Command Data Size – Server – Min
ResponseDataMax	double	Command Data Size – Server – Max
ResponseDataPerc	double	Command Data Size – Server – Perc
ResponseDataMean	double	Command Data Size – Server – Mean
ResponseDataStd	double	Command Data Size – Server – Std Dev
HitCount	bigint(20) unsigned	Hit Count
HitEndToEndTimeCnt	bigint(20) unsigned	Hit End-to-End Time – Count
HitEndToEndTimeSum	double	Hit End-to-End Time – Sum
HitEndToEndTimeSumSq	double	Hit End-to-End Time – Sum Sq
HitEndToEndTimeMin	double	Hit End-to-End Time – Min
HitEndToEndTimeMax	double	Hit End-to-End Time – Max
HitEndToEndTimePerc	double	Hit End-to-End Time – Perc

Table 74. User Session Metric table schema

Column	Type	Comment
HitEndToEndTimeMean	double	Hit End-to-End Time – Mean
HitEndToEndTimeStd	double	Hit End-to-End Time – Std Dev
CommandCompletionTimeCnt	bigint(20) unsigned	Command Completion Time – Count
CommandCompletionTimeSum	double	Command Completion Time – Sum
CommandCompletionTimeSumSq	double	Command Completion Time – Sum Sq
CommandCompletionTimeMin	double	Command Completion Time – Min
CommandCompletionTimeMax	double	Command Completion Time – Max
CommandCompletionTimePerc	double	Command Completion Time – Perc
CommandCompletionTimeMean	double	Command Completion Time – Mean
CommandCompletionTimeStd	double	Command Completion Time – Std Dev
CommandProcessingTimeCnt	bigint(20) unsigned	Command Processing Time – Count
CommandProcessingTimeSum	double	Command Processing Time – Sum
CommandProcessingTimeSumSq	double	Command Processing Time – Sum Sq
CommandProcessingTimeMin	double	Command Processing Time – Min
CommandProcessingTimeMax	double	Command Processing Time – Max
CommandProcessingTimePerc	double	Command Processing Time – Perc
CommandProcessingTimeMean	double	Command Processing Time – Mean
CommandProcessingTimeStd	double	Command Processing Time – Std Dev
CommandInitialResponseTimeCnt	bigint(20) unsigned	Command Initial Response Time – Count
CommandInitialResponseTimeSum	double	Command Initial Response Time – Sum
CommandInitialResponseTimeSumq	double	Command Initial Response Time – Sum Sq
CommandInitialResponseTimeMin	double	Command Initial Response Time – Min
CommandInitialResponseTimeMax	double	Command Initial Response Time – Max
CommandInitialResponseTimePerc	double	Command Initial Response Time – Perc
CommandInitialResponseTimeMean	double	Command Initial Response Time – Mean
CommandInitialResponseTimeStd	double	Command Initial Response Time – Std Dev
CommandTimeoutCount	bigint(20) unsigned	Command Timeout Count
CommandClientTimeCnt	bigint(20) unsigned	Command Client Time – Count
CommandClientTimeSum	double	Command Client Time – Sum
CommandClientTimeSumSq	double	Command Client Time – Sum Sq
CommandClientTimeMin	double	Command Client Time – Min
CommandClientTimeMax	double	Command Client Time – Max
CommandClientTimePerc	double	Command Client Time – Perc
CommandClientTimeMean	double	Command Client Time – Mean
CommandClientTimeStd	double	Command Client Time – Std Dev
CommandNetworkLatencyCnt	bigint(20) unsigned	Command Network Latency – Count
CommandNetworkLatencySum	double	Command Network Latency – Sum
CommandNetworkLatencySumSq	double	Command Network Latency – Sum Sq
CommandNetworkLatencyMin	double	Command Network Latency – Min
CommandNetworkLatencyMax	double	Command Network Latency – Max
CommandNetworkLatencyPerc	double	Command Network Latency – Perc
CommandNetworkLatencyMean	double	Command Network Latency – Mean

Table 74. User Session Metric table schema

Column	Type	Comment
CommandNetworkLatencyStd	double	Command Network Latency – Std Dev
HitRedirectRatioPass	bigint(20) unsigned	Hit Redirect Ratio – Pass
HitRedirectRatioTotal	bigint(20) unsigned	Hit Redirect Ratio – Total
HitRedirectRatioPerc	double	Hit Redirect Ratio
PageDownloadAttemptCount	bigint(20) unsigned	Page Download Attempts
PageRedirectRatioPass	bigint(20) unsigned	Page Redirect Ratio – Pass
PageRedirectRatioTotal	bigint(20) unsigned	Page Redirect Ratio – Total
PageRedirectRatioPerc	double	Page Redirect Ratio
PageEndToEndTimeCnt	bigint(20) unsigned	Page End-to-End Time – Count
PageEndToEndTimeSum	double	Page End-to-End Time – Sum
PageEndToEndTimeSumSq	double	Page End-to-End Time – Sum Sq
PageEndToEndTimeMin	double	Page End-to-End Time – Min
PageEndToEndTimeMax	double	Page End-to-End Time – Max
PageEndToEndTimePerc	double	Page End-to-End Time – Perc
PageEndToEndTimeMean	double	Page End-to-End Time – Mean
PageEndToEndTimeStd	double	Page End-to-End Time – Std Dev
PageProcessingTimeCnt	bigint(20) unsigned	Page Processing Time – Count
PageProcessingTimeSum	double	Page Processing Time – Sum
PageProcessingTimeSumSq	double	Page Processing Time – Sum Sq
PageProcessingTimeMin	double	Page Processing Time – Min
PageProcessingTimeMax	double	Page Processing Time – Max
PageProcessingTimePerc	double	Page Processing Time – Perc
PageProcessingTimeMean	double	Page Processing Time – Mean
PageProcessingTimeStd	double	Page Processing Time – Std Dev
PageClientTimeCnt	bigint(20) unsigned	Page Client Time – Count
PageClientTimeSum	double	Page Client Time – Sum
PageClientTimeSumSq	double	Page Client Time – Sum Sq
PageClientTimeMin	double	Page Client Time – Min
PageClientTimeMax	double	Page Client Time – Max
PageClientTimePerc	double	Page Client Time – Perc
PageClientTimeMean	double	Page Client Time – Mean
PageClientTimeStd	double	Page Client Time – Std
PageStopTimeCnt	bigint(20) unsigned	Page Stop Time – Count
PageStopTimeSum	double	Page Stop Time – Sum
PageStopTimeSumSq	double	Page Stop Time – Sum Sq
PageStopTimeMin	double	Page Stop Time – Min
PageStopTimeMax	double	Page Stop Time – Max
PageStopTimePerc	double	Page Stop Time – Perc
PageStopTimeMean	double	Page Stop Time – Mean
PageStopTimeStd	double	Page Stop Time – Std Dev
PageStopRatePass	bigint(20) unsigned	Page Stop Rate – Pass
PageStopRateTotal	bigint(20) unsigned	Page Stop Rate – Total

Table 74. User Session Metric table schema

Column	Type	Comment
PageStopRatePerc	double	Page Stop Rate
PageNetworkLatencyCnt	bigint(20) unsigned	Page Network Latency – Count
PageNetworkLatencySum	double	Page Network Latency – Sum
PageNetworkLatencySumSq	double	Page Network Latency – Sum Sq
PageNetworkLatencyMin	double	Page Network Latency – Min
PageNetworkLatencyMax	double	Page Network Latency – Max
PageNetworkLatencyPerc	double	Page Network Latency – Perc
PageNetworkLatencyMean	double	Page Network Latency – Mean
PageNetworkLatencyStd	double	Page Network Latency – Std Dev
ClientErrorCount	bigint(20) unsigned	Error Count (HTTP 4xx client errors)
ServerErrorCount	bigint(20) unsigned	Error Count (HTTP 5xx server errors)
ClientSuccessRatioPass	bigint(20) unsigned	Client Success Ratio – Pass
ClientSuccessRatioTotal	bigint(20) unsigned	Client Success Ratio – Total
ClientSuccessRatioPerc	double	Client Success Ratio
ServerSuccessRatioPass	bigint(20) unsigned	Server Success Ratio – Pass
ServerSuccessRatioTotal	bigint(20) unsigned	Server Success Ratio – Total
ServerSuccessRatioPerc	double	Server Success Ratio
SuccessRatioPass	bigint(20) unsigned	Success Ratio – Pass
SuccessRatioTotal	bigint(20) unsigned	Success Ratio – Total
SuccessRatioPerc	double	Success Ratio
ResponseCodeCount	bigint(20) unsigned	Response Code Count
RequestCodeCount	bigint(20) unsigned	Request Code Count
StartTime	datetime	Start Time
StopTime	datetime	Stop Time
City	varchar(64)	City
Isp	varchar(64)	ISP
LoginName	varchar(32)	Login Name
UserAgent	varchar(64)	User Agent
Referrer	varchar(64)	Referrer
ClientIP	varchar(64)	Client IP
Server	varchar(128)	Server Name
AccessSpeed	double	Access Speed
Duration	double	Duration
AlarmDefID	int(10) unsigned	Alarm
SessionKey	varchar(128)	Session Key
Subnet	varchar(64)	Subnet
PageAlarmID	int(10) unsigned	Page Alarm
SessionIDVariable	varchar(64)	Session ID Variable

User Session Page Metric table

This table contains metrics for the Pages associated with a User Session

This schema applies to the following table:

- Page

* indicates the primary key

[1] indicates an index

Table 75. User Session Page Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ResourceID *	char(34)	Unique identifier for this resource (object)
PageID*	datetime	Identifier the page in the sequence
URL	varchar(1024)	URL for the page
URLID	char(34)	Unique identifier of Page category object
URLGroupID	int(11)	HTTP or HTTPS
StartTime	datetime	Start Time
StopTime	datetime	Stop Time
EndToEndTime	double	End-to-End Time
ProcessingTime	double	Processing Time
ClientTime	double	Client Time
Size	int(10) unsigned	Page Size
RequestSize	int(10) unsigned	Request Size
ResponseSize	int(10) unsigned	Response Size
ServerIP	varchar(40)	Server IP
SessionKey	varchar(128)	Session Key

User Session Hit Metric table

This table contains metrics for the Hit associated with a User Session

This schema applies to the following table:

- Hit

* indicates the primary key

[1] indicates an index

Table 76. User Session Hit Metric table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
ResourceID *	char(34)	Unique identifier for this resource (object)
PageID*	datetime	Identifier the page in the sequence
URL	varchar(1024)	URL for the page
URLID	char(34)	Unique identifier of Page category object.
URLGroupID	int(11)	HTTP or HTTPS
RequestCode	int(10) unsigned	Request Code
ResponseCode	int(10) unsigned	Response Code
StartTime	datetime	Start Time
StopTime	datetime	Stop Time

Table 76. User Session Hit Metric table schema

Column	Type	Comment
ProcessingTime	double	Processing Time
ClientTime	double	Client Time
Size	int(10) unsigned	Page Size
RequestSize	int(10) unsigned	Request Size
ResponseSize	int(10) unsigned	Response Size
ServerIP	char(40)	Server IP
SessionKey	varchar(128)	Session Key

User Session ValueCount table

This table contains distributions and reference counter metrics for User Session category objects.

This schema applies to the following table:

- UserSessionValueCount

* indicates the primary key

[1] indicates an index

Table 77. User Session ValueCount table schema

Column	Type	Comment
BucketID *	int(11)	For internal use only
TimeType *	tinyint(4)	See TimeType in Appendix A
TimePeriod *	tinyint(3) unsigned	See TimePeriod in Appendix A
TimeStamp *	datetime	See TimeStamp in Appendix A
Version	smallint(6)	Distribution configuration identifier
MeasureID	smallint(6)	See MeasureID in Appendix A
GroupID	tinyint(4)	1 = HTTP, 2 = HTTPS, 0 = None
ResourceID *	char(34)	Unique identifier for this resource (object)
Value	int(10) unsigned	Described in Metric tables on page 9
Count	bigint(20) unsigned	Described in Metric tables on page 9

A

Appendix: Column description

This section presents the column descriptions for the Foglight Experience Monitor metrics stored in the SQL database.

For details, see these topics:

- CategoryID
- HTTP codes
- MeasureID
- TimeType
- TimeStamp
- TimePeriod
- SampleCount

CategoryID

Table 78. CategoryID

Identifier	Category
2	Server
3	HTTP Protocol
4	Site
5	Content Type
6	Page
7	Hit
28	Service
31	User Agent
34	Path
37	Subnet
39	ISP
40	Service Step
41	User Session
42	Application Component
43	Enterprise
44	User Session Hit
45	Soap Operation
46	Soap Consumer
47	Soap Server
48	Soap Transaction

Table 78. CategoryID

Identifier	Category
49	Soap Web Service
50	User Session Page
52	Service by City
53	Service by Subnet
54	Synthetic Transaction
55	Application by City
56	Application by Subnet
58	System Health
59	City
60	Region
61	Country
62	Service by Region
63	Service by Country
64	Service by ISP
65	Application by Region
66	Application by Country
67	Application by ISP
68	Service Step by Subnet
69	Service Step by City
70	Service Step by Region
71	Service Step by Country
72	Service Step by ISP
73	Soap Fault
75	Http Fault
76	System Database
80	TCP Protocol
81	TCP Protocol By Server
82	TCP Protocol By Subnet
83	Soap Application
85	Instrumented Page
86	Instrumented Application
87	Instrumented Application By City
88	Instrumented Application By Country
89	Instrumented Application By ISP
90	Instrumented Application By Region
91	Instrumented Application By User Agent

HTTP codes

Table 79. HTTP codes

Identifier	Category
100	Continue
101	Switching Protocol
200	OK
201	Created
202	Accepted
203	Non-Authoritative Information
204	No Content
205	Reset Content
206	Partial Content
300	Multiple Choices
301	Moved Permanently
302	Found
303	See Other
304	Not Modified
305	Use Proxy
307	Temporary Redirect
400	Bad Request
401	Unauthorized
402	Payment Required
403	Forbidden
404	Not Found
405	Method Not Allowed
406	Not Acceptable
407	Proxy Authentication Required
408	Request Timeout
409	Conflict
410	Gone
411	Length Required
413	Entity Request Too Large
414	Request-URI Too Long
415	Unsupported Media Type
416	Request Range Not Satisfiable
417	Expectation Failed
500	Internal Server Error
501	Not Implemented
502	Bad Gateway
503	Service Unavailable
504	Gateway Timeout
505	HTTP Version Not Supported

MeasureID

Table 80. MeasureID

Identifier	Category
109	Command Initial Response Time Distribution
119	Request Codes
120	Response Codes
162	Page List
182	Hit List
202	Site List
205	Server List
209	Path List
214	Access Speed Distribution
215	Page Access Speed Distribution
217	Page End-to-End Time Distribution
296	Service End-to-End Time Distribution
411	Soap Web Service List
412	Soap Operation List
420	Soap Consumer List
421	Soap Server List
423	Page Processing Time Distribution
424	Service Processing Time Distribution
436	SOAP Operation Processing Time Distribution
437	SOAP Operation Completion Time Distribution
438	SOAP Transaction Processing Time Distribution
439	SOAP Transaction Completion Time Distribution
498	SOAP Operation End-to-End Time Distribution
499	SOAP Transaction End-to-End Time Distribution

TimeType

Table 81. TimeType

Identifier	Category
1	5-Minute Interval
2	Hourly
3	Daily
4	Weekly
5	Monthly
102	Hourly baseline
103	Daily baseline
104	Weekly baseline
105	Monthly baseline

TimeStamp

Timestamps are datetime fields that contain the starting time for the metrics contained in the record. To determine the entire range of time encompassed by the data you will need to evaluate the TimeType in conjunction with the TimeStamp. Note that all timestamps are in UTC (Universal Coordinated Time) and not in the local time zone.

To illustrate by way of example consider this timestamp:

```
2008-01-10 12:00:00
```

This timestamp indicates the date and time of January 10, 2008 at 12:00 UTC. If the TimeType field for this record is 2 indicating this is hourly data then this record represents metrics for 12:00 to 13:00 on January 10, 2008.

Note that for other time frames the TimeStamp field will always indicate the starting time of the interval. For example, monthly data for January would have the timestamp:

```
2008-01-01 05:00
```

Note that the timestamp indicates the 5:00 hour which is the UTC time that corresponds with midnight in the Eastern US time zone. Daily and weekly data timestamps will also have this UTC offset.

TimePeriod

TimePeriod fields are only useful for hourly and daily data. For those time frames, the TimePeriod field represents the period associated with the time range the data represents.

For hourly data, this is the local time zone hour ranging from 0-23.

NOTE: This is not the hour in UTC, but rather in the local time zone.

For daily data, this is the day of the week ranging from 0 to 6 where 0 is Sunday, 1 is Monday and so on.

SampleCount

SampleCount represents the number of finer granularity records that were aggregated to create the current record. For 5-minute interval data, this field is always 1. For hourly data, this field will typically be 12 since an hour consists of 12 5-minute periods. If this field is less than 12 that indicates that some 5-minute intervals within the hour had no metrics.

For daily data, SampleCount would normally be 24. For weekly data, it would be 7 and for monthly data it would normally be 28 to 31 depending on the number of days in the month. Again, if the SampleCount is less than these values that indicates that the finer granularity metrics used to aggregate the current record had some gaps. This is to be expected for many categories of data since most monitored applications have some periods of inactivity.

B

Appendix: Example queries

The section provides examples of sample queries:

- Alarms
- Metrics
- ValueCount metrics
- Metrics over time
- User sessions
- Sorting
- Resources
- Relations

Alarms

This query searches for alarms from January 30 12:00 to 12:20 UTC.

```
SELECT * FROM Alarm.Alarm WHERE TimeStamp >= "20080130120000" AND TimeStamp <=
"20080130122000" ORDER BY TimeStamp DESC LIMIT 100000 ;
```

Metrics

This query searches for a 5-minute interval record of metrics for a specific city from January 30 12:45 UTC.

```
SELECT * FROM Location.City WHERE ResourceID = "3b66c7aff62662a36f387f61f1047a8503"
AND TimeType = "1" AND TimeStamp = "20080130124500" ORDER BY TimeStamp DESC;
```

ValueCount metrics

This query searches a ValueCount table for 5-minute interval records for a specific city from January 30 12:45 UTC.

```
SELECT * FROM Location.CityValueCount WHERE ResourceID =
"3b66c7aff62662a36f387f61f1047a8503" AND TimeType = "1" AND TimeStamp =
"20080129234500";
```

Metrics over time

This query searches for metrics for a specific server from January 30 17:30 to 19:25.

```
SELECT * FROM Server.Server WHERE ResourceID = "029b807b746bf4c784a1c25a4cc0ce3cf1"
AND TimeType = "1" AND ( TimeStamp >= "20080130173000" AND TimeStamp <=
"20080130192500" ) ORDER BY TimeStamp DESC;
```

User sessions

This query searches for user session records for a specific server from January 30 19:20 to 19:50.

```
SELECT * FROM UserSession.Session WHERE StopTime > "20080130192000" AND StopTime <
"20080130195000" ORDER BY StopTime DESC LIMIT 100000 ;
```

Sorting

This query searches for hourly application component records for January 30 18:00 and sorts by Page Download Attempts. The query limits the result set to 20 items.

```
SELECT * FROM Application.Application WHERE TimeType = "2" AND TimeStamp =
"20080130180000" ORDER BY PageDownloadAttemptCount DESC LIMIT 20;
```

Resources

This query searches for a list of Application Component names in Resource tables.

```
SELECT * FROM Application.ApplicationResource WHERE Inactive = "0" ORDER BY
DisplayName ASC;
```

Relations

This query searches for a list of Hits related to a Page in Relation tables.

```
SELECT * FROM Page.PageRelation WHERE ResourceID =
"0670b1e826ca945ad5244f24d0cc5d22fc" AND TimeType = "1" AND TimeStamp =
"20080129235000" AND MeasureID = "182" ORDER BY SequenceID ASC;
```

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