Quest

Quest® InTrust 11.6.1

What's New

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InTrust What's New
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Whats new in InTrust 11.6.1

OpenSSL 3.3.1 support

InTrust now supports OpenSSL 3.3.1 and FIPS modules using OpenSSL 3.0.9.

SQL Server Always on High availability

InTrust now supports SQL server "Always on high availability group" functionality.

Support for EMC Centera repositories discontinued

EMC Centera repositories have been removed from supported repositories list.

Support for TLS 1.3

InTrust now supports TLS 1.3.

IMPORTANT:

While InTrust supports TLS 1.3, the TLS 1.2 client protocol remains mandatory due to its dependency on SQL Server as per Microsoft's SQL Server documentation.

New IDM filters

InTrust now includes new filters in IDM to get required events.

SkipEventIDFilter in Intrust Manager

InTrust has capability to skip certain eventIDs for comprehensive filtering operation.

What's new in Intrust 11.6

OpenSSL 3.1.2 support

InTrust 11.6 now supports OpenSSL 3.1.2 and FIPS modules using OpenSSL 3.0.8.

SQL Server 2022 support

InTrust 11.6 now supports SQL Server 2022.

Windows Server 2022 support

InTrust 11.6 now supports Windows Server 2022.

Other updates

- InTrust will not have autorun functionality from 11.6.1 onwards and currently works with AeCDSuiteLauncher.
- Removal of support for Windows Server 2012 and 2012 R2 from Intrust 11.6.1 onwards.

NOTE:
With Microsoft ending support for Windows Server 2012 and 2012 R2, it is recommended that all users should upgrade to supported versions of Windows Server to avoid security related issues.

What's new in InTrust 11.5.1

Oracle 18c, 19c and 21c support

Intrust 11.5 now supports InTrust 11.5 now supports Oracle 18c, 19c and 21c.

SQL Server 2019 support

InTrust 11.5 now supports SQL Server 2019.

Openssl 3.0.7 support

InTrust 11.5 now supports Openssl 3.0.7.

Other updates

- InTrust now uses AES Encryption in place 3DES Encryption.
- In-Place upgrade option in Installer is disabled.

What's New in 11.5

FIPS hashing and encryption algorithms

Intrust 11.5 now supports FIPS approved hashing and encryption algorithms. It can be enabled using the tool adcorgpwd.exe available in the SupportTools folder of installation folder.

For fresh installation, FIPS compliant algorithms are enabled automatically. For upgrade from older versions (11.4.2 or older), you need to enable it manually using the tool **adcorgpwd.exe** available in **the SupportTools** folder of installation folder. Once FIPS compliant algorithms are enable, they will remain enabled and cannot be changed back to Non-FIPS algorithms. Please refer *Upgrade Document* for further details.

Support for Sun/Oracle Solaris is Discontinued

This InTrust release does not include Solaris related components or configuration items. It is not expected that future versions will provide them.

What's New in InTrust 11.4.2

Alerts on More Suspicious Logons

The new "Multiple logons by the same user from different workstations" rule helps you capture situations where a set of credentials is shared by a group of people or has been stolen by an attacker and is being tried on multiple computers at once. These incidents are tricky because they slip through the cracks if you are only focusing on individual workstations. The rule is based on making the InTrust server analyze incoming audit data from multiple monitored computers.

To minimize false positives, the rule comes with a flexible set of parameters that let you fine-tune the analysis, including the logon types you want to watch for.

The rule is located in the **Advanced Threat Protection | Windows/AD Suspicious Activity | Gaining User Access | Suspicious logons** rule folder.

Support for Exchange Server 2019 Auditing

The Exchange auditing capabilities of InTrust have been extended to Exchange Server 2019.

Solaris Knowledge Pack Distribution Resumes

The Knowledge Pack for Solaris has been rebuilt for this version of InTrust, and you don't need to get it from a previous version anymore.

HP-UX Auditing and Real-Time Monitoring Support is Discontinued

This InTrust release does not include HP-UX related components or configuration items. It is not expected that future versions will provide them.

New in InTrust 11.4.1 Update 1

New Real-Time Monitoring Rules for Detection of Advanced Threats

PowerShell downgrade attack detected

In earlier versions of PowerShell, the logging facilities were inferior to the recent versions. Therefore, a common attack strategy is to use an old version of PowerShell in order to prevent logging of malicious activity. This rule informs you about such threats. For details, see Monitoring for PowerShell Downgrades. The rule is located in the **Advanced Threat Protection | Windows/AD Suspicious Activity | PowerShell** rule folder.

Exploitable logon by high-privileged account

This rule captures situations where a powerful account logs on to a workstation in ways that are vulnerable to pass-the-hash attacks, which are based on retrieval of credentials from memory or cache. The rule is located in the **Advanced Threat Protection | Windows/AD Suspicious Activity | Gaining Administrative Rights** rule folder.

Suspicious process was started (Security log on Windows 10 / Windows Server 2016 and later)

The rule detects launches of suspicious processes, meaning processes that are started from unusual locations or generate events containing telltale keywords. As the name suggests, the rule relies on the Secuity log. The rule is located in the **Advanced Threat Protection | Windows/AD Suspicious Activity | Backdoors** rule folder. For details, see Setting Up Monitoring for Suspicious Processes.

Support for VMware ESXi 6.0–6.7 Auditing

The range of VMware systems that InTrust can audit has been extended to include ESXi 6.0, 6.5 and 6.7.

Logging of Real-Time Monitoring Rule Matches and Alerts

Event Log Recipient is a new type of notification recipient (formerly, operator) that makes it possible to use Windows event log as the notification destination. If this recipient is specified for a real-time monitoring rule, then InTrust generates an event about how the rule was matched and includes alert data. At this time, these events are written only to the InTrust log. You can use it to integrate InTrust alerts into your SIEM security log analytics workflow. Alerts provide the focus that you don't get by streaming everything into your SIEM.
For more details, see Example: Mirroring InTrust Real-Time Alerts in SIEM. For convenient batch configuration of rules, see Quest Support Knowledge Base article 312739.

New in InTrust 11.4.1

Event Forwarding in Syslog RFC 5424 Format

The Syslog message format defined by RFC 5424 is widely supported by SIEM providers. Now that InTrust can forward events in this format, you can easily integrate your InTrust-collected data with a variety of SIEM solutions, without the need for custom scripts implementing proprietary formats.

Event Forwarding Takes Advantage of TLS

Event forwarding over TCP can now be secured with TLS in environments where this type of security is used. **TLS-Secured TCP** is a new transport option in the forwarding settings for InTrust repositories.

Support for Multiple Filters for Event Forwarding

Unlike previous releases where you used one event forwarding filter per repository, you can now specify multiple filters. InTrust will forward events that match any of the filters you select. Each filter you add broadens the scope instead of narrowing it.

Best Practice Filters for Event Forwarding

InTrust provides a set of event forwarding filters that incorporate security analysis best practices. These filters incorporate recommendations from such sources as NSA and MITRE and categorized so that you can easily combine them as necessary.

The filters are customarily implemented as searches and are available in the **Threat Hunting | Windows | Native OS Logs Telemetry** search folder.

Support for Deployment on Windows Server 2019 and SQL Server 2017

InTrust components can be installed on computers running Windows Server 2019. InTrust configuration, audit and alert databases can be hosted on Microsoft SQL Server 2017.

InTrust SDK Improvements

The InTrust SDK now provides bindings for working with sites and event forwarding configuration.

Alerts on Password Spraying Attempts

The new "Potential password spraying (multiple failed logons for valid accounts)" rule captures situations where an attacker tries multiple user names in a row with the same password, circumventing the built-in account-locking mechanism.
The rule complements the existing multiple logon failure rules and is located in the **Advanced Threat Protection | Windows/AD Suspicious Activity | Gaining User Access | Brute-force attacks** rule folder.

Knowledge Packs for Solaris and IBM AIX Are Not Included

This release does not contain any changes to the Knowledge Packs for Solaris and IBM AIX, therefore these components were not rebuilt for InTrust 11.4.1. If you need InTrust configuration objects related to these platforms and InTrust agents for them, use previous versions of these components. Do one of the following:

- If you are upgrading to InTrust 11.4.1, just perform the upgrade. Your agents and configuration objects will keep working.
- If you are doing a fresh deployment of InTrust 11.4.1, install version 11.4 of the Knowledge Packs in addition. To download the packages, go to https://support.quest.com/intrust/11.4.

New in InTrust 11.4

Real-Time Monitoring of Suspicious PowerShell Activity

The new "Suspicious PowerShell activity" and "Suspicious PowerShell Core activity" rules help minimize the impact of attacks based on PowerShell scripts. InTrust lets you thwart PowerShell-wielding attackers by setting up alerts and emergency response actions for whenever someone uses suspicious PowerShell commands. These rules watch for telltale traces of potentially dangerous PowerShell activity, so they rely on PowerShell logging. For details about this real-time monitoring scenario, see Setting Up Monitoring for Suspicious PowerShell Activity.

Event Forwarding over TCP guarantees delivery

The event forwarding engine has been redesigned from the ground up to enable support for TCP and make forwarding more robust and extensible. TCP is now available along with UDP as the transport for audit data transmission. It ensures guaranteed delivery of forwarded events.

Self-Auditing Capabilities for InTrust Server and InTrust Agent

This release lays the groundwork for InTrust self-auditing. With this initial implementation, you can keep track of the connections that your InTrust servers and agents make and accept. In addition to its own value, this data helps achieve compliance with regulations regarding auditing systems. For details, see Self-Auditing in InTrust.

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zlib

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.13, October 13th, 2022.

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Jean-loup Gailly jloup@gzip.org

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