

Quest®



KACE® Systems Management Appliance 11.1

## **API Reference Guide**



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# About the KACE Systems Management Appliance API

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The KACE Systems Management Appliance (SMA) API allows you to manage various aspects of the KACE SMA appliance data and its related information.

**CAUTION:** This API Reference Guide is available only to those users who have a technical understanding of how to use the information provided in this document. Our Support team does not provide assistance for any custom development that implements the APIs covered in this guide which is in line with our support policy. For more information, visit: <https://support.quest.com/essentials/support-guide>.

## Authentication and organization selection

Access to the KACE SMA API is limited to authenticated KACE SMA users. If the appliance is configured for multiple organizations, querying is limited to the currently selected organization for the requesting user.

Authentication and organization selection are available through the KACE SMA Account Management Service. The authentication route is accessed through a POST request at `/ams/shared/api/security/login`. So for example, if the appliance name is `KACE_SMA_Test`, the route to login can be: `http://KACE_SMA_Test/ams/shared/api/security/login`.

The body for the POST request must contain the user name and password, and optionally an organization name. Here is an example body for that request:

```
{
  "password" : "AdminPW",
  "userName" : "admin",
  "organizationName" : "Default"
}
```

When 2FA (multifactor authentication) is enabled, an additional step is required, to supply the security code after obtaining the `KACE_CSRF_TOKEN`. Failing to do so causes all future API calls to be invalid with an HTTP status of 401, and the following body:

```
{
  "errorCode": -1,
  "errorDescription": "User not fully authenticated."
}
```

You can supply the 2FA code through a POST request at `/ams/shared/api/security/verify_2factor`. For example, if the appliance name is `KACE_SMA_Test`, the route to supply the code is: `http://KACE_SMA_Test/ams/shared/api/security/verify_2factor`.

The body for the POST request must contain the current code from 2FA. For example:

```
{
  "currentCode" : "codefrom2fa"
}
```

If the code supplied Google Authenticator is 123456, you can use the following statement:

```
{
  "currentCode" : "123456"
}
```

The header for this request must contain the `x-dell-csrf-token` key. The value of that key is obtained using unique user credentials in the steps already listed in the first example.

When a success is received, the custom API call no longer returns the authentication error:

If the security code is valid, the API call returns the HTTP status 200, with the following body:

```
{
  "Result": "Success"
}
```

Once the security code is accepted, all future API calls should function as expected.

## Authorization

During authentication, the assigned role is retrieved for the given KACE SMA user. This role determines the actions that the user is authorized to perform. With regard to this API, the following default roles have specific capabilities.

- **Administrator:** All API actions are available. In queries, matching data for all users is returned.
- **Read-only administrator:** All API queries are available. Matching data for all users is returned.
- **Standard user:** All API queries are available. Matching data is returned only for the current user.

If the appliance is updated with custom roles and the current user is assigned one of those roles, its permissions are retrieved. These permission values are used to determine the user's querying capability for this API. For more information about the KACE SMA roles, see the **K1000 Systems Management Appliance Administrator Guide**.

## Access

The API is available at the K1000 address starting with the path `/api`.

So for example, if the K1000 name in your environment is `K1000Test`, the route to the machine entities would be `http://K1000Test/api/inventory/machines`.

## Headers

On any request to this API, there is a set of mandatory HTTP headers that must be included.

## Accept

This standard header determines the format of the response payload. XML and JSON are supported.

**Example syntax.** `Accept: application/json`

## CSRF

During user authentication, a token is returned in a response header named `x-dell-csrf-token`. That value must be gathered by the client and sent in a similarly named request header for every subsequent request.

This value is compared against a token stored in a client's cookie. This is a common technique that helps prevent cross-site request forgery (CSRF) attacks.

## Content-Type

This standard header indicates the format of the request payload. It is required only for `POST` and `PUT` requests. XML and JSON are supported.

**Example syntax.** `Content-Type: application/json`

## Version

As the development of this API continues, some routes may support multiple implementations. In that case this header determines which version of the route will execute. The requested version must be at least 1. If the requested version does not exist for the given route, the server executes the most recent version.

**Example syntax.** `x-dell-api-version: 1`

## Query syntax

A rich set of operations can be performed on any data request. These are controlled by query parameters in the URL. None, any, or all of these operations can be included in a request.



**TIP:** In this chapter, **base entity** refers to the entity specified in the URL route. For example, in the request `/api/inventory/machines?software.name eq Word,machine` is the base entity, while `software` is a sub-entity. The API query engine determines how to mesh multiple entities.

## Filtering

Filtering is accomplished using the `filtering` query parameter. A comma is used to separate multiple filters. All filters are matched in the returned data set. Each filter is specified by an optional entity name, a field name, an operator, and a value. If the entity is not provided, the base entity is assumed. A period separates an entity and a field name. A space must separate either end of the operator.

Casting is as broad as possible, however if the field type does not match the operator (for example, `contains` on an integer), an error is returned.

# Operators

The standard operators are as follows:

- `lt`: Less than
- `le`: Less than or equal
- `ge`: Greater than or equal
- `eq`: Equal
- `ne`: Not equal
- `neq`: Not equal
- `co`: Contains
- `nc`: Does not contain
- `nco`: Does not contain
- `st`: Starts with
- `ns`: Does not start with
- `nst`: Does not start with
- `en`: Ends with
- `end`: Ends with
- `nen`: Does not end with
- `nend`: Does not end with
- `in`: In set (values separated by semicolon)
- `nin`: Not In set (values separated by semicolon)

## Examples:



**NOTE:** For clarity, the prefix `/api/inventory` is omitted in the examples.

All machines named `xxx`:

```
/machines?filtering=name eq xxx
```

All machines whose name contains the string `xxx`

```
machines?filtering=machine.name co xxx
```

All machines whose name does not contain `xxx`, and an ID value greater than 1000:

```
/machines?filtering=name nc xxx,id gt 1000
```

All machines whose name does not contain `xxx`:

```
/machines?filtering=name nc xxx
```

Machines whose IDs are 100, 101 and 108:

```
/machines?filtering=id in 100;101;108
```

All machines with a software title `zoo` installed:

```
/machines?filtering=id software.name eq zoo
```

All machines with ID values greater than 100 and a software title `zoo` installed:

```
/machines?filtering=id gt 100,software.name eq
```

## Existence

The existence of associated data in sub-entities can be tested using the following operators.



**NOTE:** Values are not required for these operators:

- `ex`: Exists
- `nex`: Does not exist

### Examples:

All machines with a recorded location:

```
/machines?filtering=machine_location.id ex
```

All machines without a recorded location:

```
/machines?filtering=machine_location.id nex
```

## Filtering on related data

Note that adding a filter on a sub-entity does not cause the data for that sub-entity to appear in the result set.

The filter is applied, but shaping (or sorting) is required in order to specify extra return data.

## Using wildcards in filters

There is a special case in which a filter can be applied to match any field of the entity. To use that capability, an asterisk `*` can be used as the field name.

The wildcard filter in some cases also matches values in sub-entities, to make them more useful to the client.

The Service Desk API `GET /api/service_desk/tickets` has special handling to include owner names and submitter names in the wildcard. To find out if this handling is available and for more information about the Service Desk API, see [Service Desk API Reference](#).

### Examples:

Return the machines in which any field contains the string `ABC`:

```
/machine?filtering=* co ABC
```

Filters can be combined. The following example retrieves the machines that have the software title `DEF` installed and also have fields containing the `ABC` string:

```
/machine?filtering=* co ABC,software.name eq
DEF
```

## Sorting

Sorting is accomplished with the `sorting` query parameter. Commas can be used to separate multiple sorting requests. Each sorting request must give the sort entity and field. Optionally, a sort order can be specified. If the sort order is not specified, the default sort order is `ASC` (ascending). Sort requests are processed from left to right.

Sorting can be performed on the base entity as well as on any sub-entities. If sorting is indicated for a sub-entity that does not appear in the shaping clause, that sub-entity is automatically included at the standard shaping level. Any given shaping level overrides that value.

#### Examples:

Sort the machines by their ID in a descending list, and retrieve the software for each machine. Shaping is not necessarily required here. It is assumed that since ordering was requested for the software, it is expected in the result set:

```
/machines?sorting=machine.id,software.name  
desc
```

Since shaping is not specified in the above example, the standard level is applied. However, note also that shaping can still be specified, if needed:

```
/machines?sorting= software.name  
desc&shaping=software all
```

In this example any result data is sorted by the machine name and then the ID:

```
/machines?sorting=machine.name,machine.id
```

## Paging

To apply paging, use the `paging` query parameter.

To limit the number of records returned, use the `limit` parameter. For example:

```
/machines?paging=limit 100
```

To indicate the index of the first returned record, use the `offset` parameter. For example:

```
/machines?paging=offset 101
```

To use these parameters together, separate them with a space:

```
/machines?paging=offset 101 limit 100
```

These two values are useful for consumers that display the records in a **paged** format. The values can appear in either order.

If no limit is specified, the default is 50. To force the server to return every record, set the limit to zero '0' or `ALL`. For example:

```
/machines?paging=limit ALL
```

If no offset is given, the default is zero '0'.

## Shaping

The `shaping` query parameter limits the amount of returned data is specified. The returned fields for each associated entity is controlled by two query values. The first is the name of the entity, while the second half of the pair is the associated level. Name/value pairs are separated by a comma.



The definition of each shaping level is specific to the entity in question. You can use the following shaping levels:

- **LIMITED:** ID and name.
- **STANDARD:** The expected set of fields that a typical user consumer requires. This is the default for any entity if shaping parameters are not specified.
- **EXTENDED:** Most data.
- **ALL:** All data, including foreign keys and similar information.

The default for all non-included sub-entities is `none`. There is no need to specify in such calls.

The same syntax can be used to shape the base entity as well as any desired sub-entities. For example, to gather full machine data and limited data for each software title on every machine, use the following call:

```
/machines?shaping=machine all,software limited
```

## Counts

Two flags are available to dictate whether and how the count value is returned in the payload. The count value indicates the total number of entities in the system that match the query. This can be different than the number of returned records based upon the `limit` flag, as described above.

The `use_count` parameter can be used to prevent a field giving the count of available records from being included. Returning the count is the default behavior. To do that, set this flag can set to `false` and `sent`.

If only the count is needed, use the `use_count` parameter. Any value except `false` forces only the count of matching entities to be returned. This flag can save processing and data transfer time. By default this flag is `false`.

## Examples

This section provides API usage examples.

The following placeholders appear in these examples. You must replace them in the actual API calls as follows:

- **{host}** represents the appliance host name or IP address.
- **{username}** and **{password}** are the administrator user's credentials for logging in to the appliance Administration Console.
- **{token}** is the `x-dell-csrf-token` returned by login.
- **{id}** is the ID of the item being updated.

Other variables should be replaced with the data you want to write when creating or updating. For example, replace "**{website}**" with "https://www.example.com".

# Login example

## Syntax:

- Type: POST
- URL: {host}/ams/shared/api/security/login
- Headers:
  - Content-Type:application/json
  - Accept:application/json
- Body:
  - {"userName": "{username}", "password": "{password}"}

## Example:

- Type: POST
- URL: **k1000**/ams/shared/api/security/login
- Headers:
  - Content-Type:application/json
  - Accept:application/json
- Body:
  - {"userName": "**admin**", "password": "**123456**"}

# Update a location example

## Syntax:

- Type: PUT
- URL: {host}/ams/shared/api/locations/{id}
- Headers:
  - Content-Type:application/json
  - Accept:application/json
  - x-dell-csrf-token:{token}
  - x-dell-api-version:5
- Body:

```
{
  "name": "{asset name}",
  "description": "{description}",
  "webSite": "{webSite}",
  "address": "{address}",
  "phoneNumber": "{phone number}",
  "organizationId": 2
}
```

## Example:



**NOTE:** This example updates the description, website, address, and phone number for the location "Oklahoma" whose ID is '3'. The location ID ('3') must be specified in the URL, and the location name ("Oklahoma") must be in the body.

- Type: PUT
- URL: **k1000/ams/shared/api/locations/3**
- Headers:
  - Content-Type:application/json
  - Accept:application/json
  - x-dell-csrf-token:  
**0f0af166283d60b9e0b4697d9fac83a2a0a74aeb7840714dae71b9f993a3aa1fbe8736607e89511cf6b833e313b0d12d030ef866a85cf2c0db175e29c7b31da7**
  - x-dell-api-version:5
- Body:

```
{
  "name": "Oklahoma",
  "description": "OK",
  "webSite": "www.example.com",
  "address": "123 Main St.",
  "phoneNumber": "555-555-5555",
  "organizationId": 2
}
```

## Create an inventory example

### Syntax:

- Type: POST
- URL: {host}/api/inventory/machines
- Headers:
  - Content-Type:application/json
  - Accept:application/json
  - x-dell-csrf-token:{token}
  - x-dell-api-version:5
- Body:

```
{
  "Machines": [
    {
      "Name": "{system name}",
      "Ip": "{ip address}",
      "Os_number": "{os number}",
      "User": "{user}",
      "Cdrom_devices": "{cd rom device}",
      "Os_name": "{os name}",
      "Ram_Total": "{ram total}",
      "Ram_used": "{ram used}",
      "Pagefile_max_size": "{pagefile max size}",
      "Ram_max": "{ram max}",
      "Bios_identification_code": "{bios id code}",
    }
  ]
}
```

```

"Monitor": "{monitor}",
"Sound_devices": "{sound device}",
"Video_controllers": "{video controller}",
"Pagefile_size": "{pagefile size}"
}
]
}

```

#### Example:



**NOTE:** This example creates a machine in the inventory given the field values below.

- Type: POST
- URL: **k1000**/api/inventory/machines
- Headers:
  - Content-Type: application/json
  - Accept: application/json
  - x-dell-csrf-token:
 

```
0f0af166283d60b9e0b4697d9fac83a2a0a74aeb7840714dae71b9f993a3aa1fbe8736607e89511cf6b833e313b0d12d030ef866a85cf2c0db175e29c7b31da7
```
  - x-dell-api-version: 5
- Body:

```

{
  "Machines": [
    {
      "Name": " Workstation 123",
      "Ip": "192.168.101.110",
      "Os_number": "10.0.14393",
      "User": "user1",
      "Cdrom_devices": "NECVMMWar VMware SATA CD01",
      "Os_name": "Microsoft Windows 10 Pro x64",
      "Ram Total": "2048 Bytes",
      "Ram_used": "1324.1",
      "Pagefile_max_size": "385",
      "Ram_max": "33792",
      "Bios_identification_code": "",
      "Monitor": "Generic Non-PnP Monitor",
      "Sound_devices": "High Definition Audio Device",
      "Video_controllers": "VMware SVGA 3D:1024 MB",
      "Pagefile_size": "385"
    }
  ]
}

```

## Query examples

For reference, here is an example of a query that uses most of the parameters described in this section.

```

/machines?shaping=machine all,software
limited&sorting=software.name
desc&use_count=false&filtering=id lt 1000&paging=limit
1

```

To retrieve tickets, along with their submitter and owner details (if available):

```
GET /api/service_desk/tickets?shaping=  
hd_ticket regular,owner limited,submitter limited
```

**To retrieve ticket changes and comments, including attachment IDs, and author comments:**

```
GET /api/service_desk/tickets/24/changes?shaping=  
hd_ticket_change regular,attachments regular,user limited
```

**To retrieve an attachment associated with a ticket change:**

```
GET /api/service_desk/tickets/24/changes/26/  
attachments/18
```

# API Reference

---

## K1000 API

### Overview

### Version information

Version : 11.0

### URI scheme

BasePath : /

### Consumes

- application/json

### Produces

- application/json

### Paths

## GET /ams/shared/api/accounts

### Description

Returns a list of all accounts.

## Responses

HTTP Code	Schema
200	< Account > array

## POST /ams/shared/api/accounts/search

### Description

Allows for searching of accounts

## Responses

HTTP Code	Schema
200	< Account > array

## GET /ams/shared/api/accounts/{accountId}

### Description

Returns the selected account.

## Parameters

Type	Name	Schema
Path	<b>accountId</b> required	integer
Query	<b>registry</b> required	string

## Responses

HTTP Code	Schema
<b>200</b>	Account

## GET /ams/shared/api/accounts/{accountId}/organizationAccounts

### Description

Returns a list of organization accounts associated with the selected account.

### Parameters

Type	Name	Schema
<b>Path</b>	<b>accountId</b> required	integer
<b>Query</b>	<b>filter</b> optional	string
<b>Query</b>	<b>properties</b> optional	string

### Responses

HTTP Code	Schema
<b>200</b>	< OrganizationAccount > array

## Add or if find by key and account then Update

POST /ams/shared/api/accounts/{accountId}/registry

### Description

Create a new registry key for the selected account.

### Parameters



Type	Name	Schema
<b>Path</b>	<b>accountId</b> required	integer
<b>Query</b>	<b>registry</b> required	string

## Responses

HTTP Code	Schema
<b>200</b>	AccountRegistry

## GET /ams/shared/api/accounts/{accountId}/registry

### Description

Returns a list of registry keys for the selected account

### Parameters

Type	Name	Schema
<b>Path</b>	<b>accountId</b> required	integer
<b>Query</b>	<b>categories</b> required	string
<b>Query</b>	<b>keys</b> required	string

## Responses

HTTP Code	Schema
<b>200</b>	< AccountRegistry > array

## DELETE /ams/shared/api/accounts/{accountId}/registry/{category}/{registryKey}

## Description

Removes a registry key by category and account

## Parameters

Type	Name	Schema
<b>Path</b>	<b>accountId</b> required	integer
<b>Path</b>	<b>category</b> required	string
<b>Path</b>	<b>registryKey</b> required	string

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/accounts/{managerId}/managedAccounts

## Description

Returns a list of accounts managed by selected account

## Parameters

Type	Name	Schema
<b>Path</b>	<b>managerId</b> required	integer

## Responses

HTTP Code	Schema
200	< Account > array

## POST /ams/shared/api/kkmp/login

### Description

Logs the user into the linked device account

### Parameters

Type	Name	Schema
Query	<b>isSystem</b> required	boolean
Query	<b>orgId</b> required	integer
Query	<b>token</b> required	string

### Responses

HTTP Code	Schema
200	No Content

## POST /ams/shared/api/kkmp/login\_user

### Description

Logs the user into the linked device

### Responses

HTTP Code	Schema
200	Response

## POST /ams/shared/api/locations

### Description

Returns all locations

### Parameters

Type	Name	Schema
<b>Body</b>	<b>location</b> required	Location

### Responses

HTTP Code	Schema
<b>200</b>	Location

## GET /ams/shared/api/locations/{locationId}

### Description

Returns the selected location

### Parameters

Type	Name	Schema
<b>Path</b>	<b>locationId</b> required	integer
<b>Query</b>	<b>fields</b> optional	string

### Responses

HTTP Code	Schema
<b>200</b>	Location

## PUT /ams/shared/api/locations/{locationId}

### Description

Updates the selected location.

### Parameters

Type	Name	Schema
<b>Path</b>	<b>locationId</b> required	integer
<b>Body</b>	<b>locationDTO</b> required	Location

### Responses

HTTP Code	Schema
<b>200</b>	Location

## DELETE /ams/shared/api/locations/{locationId}

### Description

Removes the selected location

### Parameters

Type	Name	Schema
<b>Path</b>	<b>locationId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/organizationAccounts

### Description

Creates a new organization account.

### Parameters

Type	Name	Schema
<b>Body</b>	<b>orgAccountDTO</b> required	OrganizationAccount

## Responses

HTTP Code	Schema
<b>200</b>	OrganizationAccount

## GET /ams/shared/api/organizationAccounts

### Description

Return all organization accounts

### Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string

## Responses

HTTP Code	Schema
200	PagingResponse

## DELETE /ams/shared/api/organizationAccounts

### Description

Deletes the selected organization accounts.

### Parameters

Type	Name	Schema
Query	<b>ids</b> required	integer
Query	<b>moveEmployeesTo</b> required	integer

## Responses

HTTP Code	Schema
200	No Content

## POST /ams/shared/api/organizationAccounts/disable

## Description

Disables the selected organization accounts.

## Parameters

Type	Name	Schema
<b>Query</b>	<b>ids</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/organizationAccounts/enable

## Description

Enables the selected organization accounts.

## Parameters

Type	Name	Schema
<b>Query</b>	<b>ids</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content



## POST /ams/shared/api/organizationAccounts/search

### Description

Searches the organization accounts by the search criteria

### Parameters

Type	Name	Schema
<b>Body</b>	<b>SearchDTO</b> required	OrgAccSearch

### Responses

HTTP Code	Schema
<b>200</b>	< OrganizationAccount > array

## DELETE /ams/shared/api/organizationAccounts/{orgAcclId}

### Description

Deletes a single organization account by id

### Parameters

Type	Name	Schema
<b>Path</b>	<b>orgAcclId</b> required	integer
<b>Query</b>	<b>moveEmployeesTo</b> required	integer

### Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/organizationAccounts/{orgAccountId}

### Description

Gets the selected organization account.

### Parameters

Type	Name	Schema
<b>Path</b>	<b>orgAccountId</b> required	integer
<b>Query</b>	<b>properties</b> required	string

### Responses

HTTP Code	Schema
<b>200</b>	OrganizationAccount

## PUT /ams/shared/api/organizationAccounts/{orgAccountId}

### Description

Updates an existing organization account

### Parameters

Type	Name	Schema
<b>Path</b>	<b>orgAccountId</b> required	integer
<b>Body</b>	<b>organizationAccountDTO</b> required	OrganizationAccount

## Responses

HTTP Code	Schema
200	OrganizationAccount

## PUT /ams/shared/api/organizationAccounts/{orgAccountId}/addEmployees

### Description

Adds employees to the associated organization account

### Parameters

Type	Name	Schema
Path	<b>orgAccountId</b> required	integer
Body	<b>idListDTO</b> required	IdList

## Responses

HTTP Code	Schema
200	No Content

## POST /ams/shared/api/organizationAccounts/{orgAccountId}/hasRole

### Description

Checks to see if the organization account has a specific role.

## Parameters

Type	Name	Schema
<b>Path</b>	<b>orgAccountId</b> required	integer
<b>Query</b>	<b>includeInherited</b> optional	integer
<b>Query</b>	<b>productId</b> optional	integer
<b>Query</b>	<b>roleName</b> optional	string

## Responses

HTTP Code	Schema
<b>200</b>	boolean

## Add or if find by key and account then Update

POST /ams/shared/api/organizationAccounts/{orgAccountId}/registry

## Description

Add a new registry key to an organization account

## Parameters

Type	Name	Schema
<b>Path</b>	<b>orgAccountId</b> required	integer
<b>Body</b>	<b>registry</b> optional	OrgAccountRegistry

## Responses

HTTP Code	Schema
<b>200</b>	OrgAccountRegistry

## GET /ams/shared/api/organizationAccounts/ {orgAccountId}/registry

### Description

Returns a list of registry keys associated with the selected organization account

### Parameters

Type	Name	Schema
Path	<b>orgAccountId</b> required	integer
Query	<b>categories</b> optional	string
Query	<b>keys</b> optional	string

### Responses

HTTP Code	Schema
200	OrgAccountRegistry

## DELETE /ams/shared/api/organizationAccounts/ {orgAccountId}/registry/{category}/{registryKey}

### Description

Remove a registry key from an organization account by category

### Parameters

Type	Name	Schema
Path	<b>category</b> required	string

Type	Name	Schema
<b>Path</b>	<b>orgAccountId</b> required	integer
<b>Path</b>	<b>registryKey</b> required	string

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/organizations

### Description

Creates a new organization

### Parameters

Type	Name	Schema
<b>Body</b>	<b>organizationDTO</b> required	Organization

## Responses

HTTP Code	Schema
<b>200</b>	Organization

## GET /ams/shared/api/organizations

### Description

Returns a list of all organizations

## Parameters

Type	Name	Schema
Query	<b>filter</b> optional	string
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>properties</b> optional	string
Query	<b>sorting</b> optional	string

## Responses

HTTP Code	Schema
200	< Organization > array

## DELETE /ams/shared/api/organizations

### Description

Removes the selected organizations

### Parameters

Type	Name	Schema
Query	<b>ids</b> required	integer

### Responses

HTTP Code	Schema
200	No Content

## POST /ams/shared/api/organizations/disable

### Description

Disables the selected organizations

### Parameters

Type	Name	Schema
<b>Query</b>	<b>ids</b> required	integer

### Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/organizations/enable

### Description

Enables the selected organizations

### Parameters

Type	Name	Schema
<b>Query</b>	<b>ids</b> required	integer

### Responses



HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/organizations/list

### Description

Returns a list of all organizations

### Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>getTZ</b> optional	string
<b>Query</b>	<b>offset</b> optional	string
<b>Query</b>	<b>paging</b> optional	string
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string

### Responses

HTTP Code	Schema
<b>200</b>	PagingResponse

## GET /ams/shared/api/organizations/{organizationId}

### Description

Returns a specific organization

## Parameters

Type	Name	Schema
<b>Path</b>	<b>organizationId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	Organization

## PUT /ams/shared/api/organizations/{organizationId}

### Description

Updates an existing organization

## Parameters

Type	Name	Schema
<b>Path</b>	<b>organizationId</b> required	integer
<b>Body</b>	<b>organizationDTO</b> required	Organization

## Responses

HTTP Code	Schema
<b>200</b>	Organization

## GET /ams/shared/api/organizations/{organizationId}/account/{accountId}

## Description

Returns a specific account within an organization

## Parameters

Type	Name	Schema
<b>Path</b>	<b>accountId</b> required	integer
<b>Path</b>	<b>organizationId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	OrganizationAccount

## GET /ams/shared/api/organizations/{organizationId}/history

## Description

Returns the history for the organization

## Parameters

Type	Name	Schema
<b>Path</b>	<b>organizationId</b> required	integer
<b>Query</b>	<b>accounts</b> optional	string
<b>Query</b>	<b>entities</b> optional	string
<b>Query</b>	<b>events</b> optional	string

## Responses

HTTP Code	Schema
<b>200</b>	History

## GET /ams/shared/api/organizations/{organizationId}/locations

### Description

Returns the locations associated with an organization

### Parameters

Type	Name	Description	Schema
<b>Path</b>	<b>organizationId</b> required		integer
<b>Query</b>	<b>fields</b> optional	Comma seperated list of fields	string

### Responses

HTTP Code	Schema
<b>200</b>	< Location > array

## GET /ams/shared/api/organizations/{organizationId}/organizationAccounts

### Description

Returns a list of organization accounts for an organization

### Parameters

Type	Name	Schema
<b>Path</b>	<b>organizationId</b> required	integer
<b>Query</b>	<b>filter</b> optional	string
<b>Query</b>	<b>properties</b> optional	string

## Responses

HTTP Code	Schema
<b>200</b>	< OrganizationAccount > array

## GET /ams/shared/api/organizations/{organizationId}/roles

### Description

Returns all roles associated with an organization

### Parameters

Type	Name	Schema
<b>Path</b>	<b>organizationId</b> required	integer
<b>Query</b>	<b>productId</b> optional	integer

## Responses

HTTP Code	Schema
<b>200</b>	< OrganizationRole > array

## POST /ams/shared/api/products

### Description

Creates a new product

## Parameters

Type	Name	Schema
<b>Body</b>	<b>productDTO</b> required	Product

## Responses

HTTP Code	Schema
<b>200</b>	Product

## GET /ams/shared/api/products

## Description

Returns a list of all products

## Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>offset</b> optional	string
<b>Query</b>	<b>paging</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string

## Responses

HTTP Code	Schema
<b>200</b>	< Product > array

## DELETE /ams/shared/api/products

### Description

Remove the selected products

### Parameters

Type	Name	Schema
Query	ids required	integer

### Responses

HTTP Code	Schema
200	No Content

## POST /ams/shared/api/products/update

### Description

Updates the specific product

### Responses

HTTP Code	Schema
200	No Content

## GET /ams/shared/api/products/{productId}

## Description

Returns a specific product

## Parameters

Type	Name	Schema
<b>Path</b>	<b>productId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	Product

## GET /ams/shared/api/products/{productId}/roles

## Description

Returns the roles associated with a product

## Parameters

Type	Name	Schema
<b>Path</b>	<b>productId</b> required	integer
<b>Query</b>	<b>organizationId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	< Role > array



## POST /ams/shared/api/roles

### Description

Creates a new role

### Parameters

Type	Name	Schema
Query	<b>organizationId</b> required	integer
Query	<b>productId</b> required	integer
Body	<b>roleDTO</b> required	Role

### Responses

HTTP Code	Schema
<b>200</b>	Role

## GET /ams/shared/api/roles

### Description

Returns a list of roles

### Parameters

Type	Name	Schema
Query	<b>name</b> required	string
Query	<b>organizationId</b> required	integer
Query	<b>productId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	Role

## DELETE /ams/shared/api/roles

### Description

Removes the selected roles

### Parameters

Type	Name	Schema
<b>Query</b>	<b>ids</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/roles/{roleId}

### Description

Returns the selected role

### Parameters

Type	Name	Schema
<b>Path</b>	<b>roleId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	ole

## PUT /ams/shared/api/roles/{roleId}

### Description

Updates the selected role

### Parameters

Type	Name	Schema
<b>Path</b>	<b>roleId</b> required	integer
<b>Body</b>	<b>roleDTO</b> required	Role

## Responses

HTTP Code	Schema
<b>200</b>	ole

## GET /ams/shared/api/roles/{roleId}/organizationAccounts

### Description

Returns a list of the organization accounts associated with the selected role

## Parameters

Type	Name	Schema
Path	<b>roleId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	< OrganizationAccount > array

## GET /ams/shared/api/security/authResult

### Description

Fetches result for last authentication attempt for SAML mobile logins

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/security/login

### Description

Logs the user in

## Parameters

Type	Name	Schema
<b>Body</b>	<b>credentials</b> required	ApiCredentials

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/security/logout

### Description

Logs out the currently logged in user

### Parameters

Type	Name	Schema
<b>Query</b>	<b>redirectTo</b> optional	string

## Responses

HTTP Code	Schema
<b>200</b>	Response

## POST /ams/shared/api/security/organization/switch

### Description

Changes the organization the user is logged into

## Parameters

Type	Name	Schema
Query	<b>organizationId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/security/organization/{id}/switchto

### Description

Changes the organization the user is logged into

## Parameters

Type	Name	Schema
Path	<b>id</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/security/refreshcontext

### Description

Refreshes the current security context

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/security/samlLogin

### Description

Logs the user in through SAML

### Parameters

Type	Name	Description	Schema
<b>Query</b>	<b>kaceGO</b> optional	Request redirect for KACE GO	string
<b>Query</b>	<b>organizationName</b> optional		string

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /ams/shared/api/security/supportedAuthTypes

### Description

Returns supported authentication types (right now, local and/or SAML)

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/security/verifyPW

### Description

Verifies the users password

### Parameters

Type	Name	Schema
<b>Query</b>	<b>orgID</b> required	integer
<b>Query</b>	<b>pw</b> required	string
<b>Query</b>	<b>userName</b> required	string

## Responses

HTTP Code	Schema
<b>200</b>	boolean

## POST /ams/shared/api/security/verify\_2factor

### Description

Accepts 2factor token from accounts that require one. Call immediately after login.



## Parameters

Type	Name	Schema
<b>Body</b>	<b>verificationData</b> required	verificationData

### verificationData

Name	Description	Schema
<b>currentCode</b> optional	Token from generator. Required if 2FA configured for user.	string
<b>skipConfiguration</b> optional	Available if 2FA not configured and within skip window	boolean

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /ams/shared/api/{roleId}/addOrganizationAccounts

### Description

Add an organization account to the selected role

### Parameters

Type	Name	Schema
<b>Path</b>	<b>roleId</b> required	integer
<b>Query</b>	<b>ids</b> required	integer

### Responses

HTTP Code	Schema
200	No Content

## POST /ams/shared/api/{roleId}/removeOrganizationAccounts

### Description

Remove the organization account from the selected role

### Parameters

Type	Name	Schema
Path	<b>roleId</b> required	integer
Query	<b>ids</b> required	integer

### Responses

HTTP Code	Schema
200	No Content

### Definitions

#### Account

Name	Schema
<b>ADDomain</b> optional	string
<b>IMAddress</b> optional	string
<b>creationMode</b> optional	integer
<b>dateTimeFormat</b> optional	string

Name	Schema
<b>distinguishedName</b> optional	string
<b>fullName</b> optional	string
<b>id</b> optional	integer
<b>isDeleted</b> optional	boolean
<b>jobTitle</b> optional	string
<b>language</b> optional	string
<b>login</b> optional	string
<b>mobilePhone</b> optional	string
<b>numberFormat</b> optional	string
<b>overrideLocationSettings</b> optional	boolean
<b>password</b> optional	string
<b>passwordChangedAt</b> optional	string(date-time)
<b>principalName</b> optional	string
<b>timeZone</b> optional	string
<b>userType</b> optional	integer
<b>version</b> optional	string(date-time)
<b>workPhone</b> optional	string

## AccountEmail

Name	Schema
<b>account</b> optional	Account
<b>email</b> optional	string
<b>sorting</b> optional	integer

## AccountRegistry

Name	Schema
<b>account</b> optional	Account

Name	Schema
<b>categoryName</b> optional	string
<b>id</b> optional	integer
<b>key</b> optional	string
<b>value</b> optional	string

## AuthStorage

Name	Schema
<b>authStorageExpiration</b> optional	AuthStorageExpiration
<b>key</b> optional	string
<b>value</b> optional	string

## AuthStorageExpiration

Name	Schema
<b>expires</b> optional	integer
<b>key</b> optional	string

## History

Name	Schema
<b>accountId</b> optional	integer
<b>action</b> optional	integer
<b>creationDt</b> optional	string(date-time)
<b>entityId</b> optional	integer
<b>entityName</b> optional	string
<b>id</b> optional	integer
<b>parentEntityId</b> optional	integer
<b>parentEntityName</b> optional	string

## HistoryDetail

Name	Schema
<b>history</b> optional	History
<b>historyId</b> optional	integer
<b>id</b> optional	integer
<b>propertyName</b> optional	string

## HistoryDetailDatetime

Name	Schema
<b>history</b> optional	History
<b>historyId</b> optional	integer
<b>id</b> optional	integer
<b>newValue</b> optional	string(date-time)
<b>oldValue</b> optional	string(date-time)
<b>propertyName</b> optional	string

## HistoryDetailReference

Name	Schema
<b>history</b> optional	History
<b>historyId</b> optional	integer
<b>id</b> optional	integer
<b>newValue</b> optional	integer
<b>oldValue</b> optional	integer
<b>propertyName</b> optional	string
<b>refName</b> optional	string

## HistoryDetailString

Name	Schema
<b>history</b> optional	History
<b>historyId</b> optional	integer
<b>id</b> optional	integer
<b>newValue</b> optional	string
<b>oldValue</b> optional	string
<b>propertyName</b> optional	string

## LinkedAccountToken

Name	Schema
<b>created</b> optional	string(date-time)
<b>id</b> optional	integer
<b>organizationAccount</b> optional	OrganizationAccount
<b>token</b> optional	string

## Location

Name	Schema
<b>address</b> optional	string
<b>appData</b> optional	string
<b>description</b> optional	string
<b>id</b> optional	integer
<b>isDeleted</b> optional	boolean
<b>level</b> optional	integer
<b>locale</b> optional	string
<b>name</b> optional	string

Name	Schema
<b>organization</b> optional	Organization
<b>parent</b> optional	Location
<b>path</b> optional	string
<b>phoneNumber</b> optional	string
<b>primaryContact</b> optional	OrganizationAccount
<b>webSite</b> optional	string

## Notification

Name	Schema
<b>accountId</b> optional	integer
<b>actionCode</b> optional	integer
<b>affectedIds</b> optional	string
<b>affectedResourceType</b> optional	integer
<b>id</b> optional	integer
<b>message</b> optional	string
<b>organizationId</b> optional	integer
<b>severityCode</b> optional	integer
<b>timestamp</b> optional	string(date-time)

## OrgAccountRegistry

Name	Schema
<b>categoryName</b> optional	string
<b>id</b> optional	integer
<b>key</b> optional	string
<b>orgAccount</b> optional	OrganizationAccount
<b>value</b> optional	string

## Organization

Name	Schema
<b>id</b> optional	integer
<b>isDeleted</b> optional	boolean
<b>isEnabled</b> optional	boolean
<b>isSystem</b> optional	boolean
<b>locationAttrName</b> optional	string
<b>name</b> optional	string
<b>primaryLocation</b> optional	Location
<b>syncLocations</b> optional	boolean
<b>timeZone</b> optional	string
<b>version</b> optional	string(date-time)

## OrganizationAccount

Name	Schema
<b>account</b> optional	Account
<b>created</b> optional	string(date-time)
<b>id</b> optional	integer
<b>isEnabled</b> optional	boolean
<b>level</b> optional	integer
<b>location</b> optional	Location
<b>manager</b> optional	OrganizationAccount
<b>path</b> optional	string
<b>version</b> optional	string(date-time)

## Product



Name	Schema
<b>allowMultipleRoles</b> optional	boolean
<b>baseApiUrl</b> optional	string
<b>baseNavigationUrl</b> optional	string
<b>baseViewUrl</b> optional	string
<b>callbackUrl</b> optional	string
<b>configuration</b> optional	string
<b>description</b> optional	string
<b>fullName</b> optional	string
<b>id</b> optional	string
<b>shortName</b> optional	string

## Role

Name	Schema
<b>created</b> optional	string(date-time)
<b>description</b> optional	string
<b>id</b> optional	integer
<b>isDefaultAdminRole</b> optional	boolean
<b>isDefaultApplianceAdminRole</b> optional	boolean
<b>isDefaultUserRole</b> optional	boolean
<b>name</b> optional	string
<b>organization</b> optional	Organization
<b>product</b> optional	Product
<b>productRoleId</b> optional	string
<b>version</b> optional	string(date-time)

## SystemSetting

Name	Schema
<b>key</b> optional	string
<b>value</b> optional	string

# Asset API Reference

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## K1000 Asset API Reference

### Overview

### Version information

Version : 11.0

### URI scheme

BasePath : /api/asset

### Consumes

- application/json

### Produces

- application/json

### Paths

### GET /api/asset/archived\_devices/{id}

### Description

Returns the archived asset associated with the id

## Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	< string > array

## GET /api/asset/asset\_status

### Description

Returns all barcodes

### Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string

Type	Name	Schema
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/asset/asset\_status/{id}

### Description

Returns the barcode associated with the id

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## POST /api/asset/assets

### Description

Creates a new asset

### Parameters

Type	Name	Schema
<b>Body</b>	<b>assetData</b> required	assetData
<b>assetData</b>		
Name		Schema
<b>Assets</b> optional		< asset > array

### Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/asset/assets

### Description

Returns a list of all assets

### Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>offset</b> optional	string

Type	Name	Schema
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< object > array

## GET /api/asset/assets/types

### Description

Returns a list of all asset types

### Responses

HTTP Code	Schema
<b>200</b>	< object > array

## GET /api/asset/assets/version

### Description

Returns the version associated with this API endpoint.

## Responses

HTTP Code	Schema
200	string

## GET /api/asset/assets/{assetID}/attachment/{fieldName}

### Description

Returns an attachment

### Parameters

Type	Name	Schema
Path	<b>assetID</b> required	integer
Path	<b>fieldName</b> required	integer

## Responses

HTTP Code	Schema
200	string(binary)

## POST /api/asset/assets/{id}

### Description

Updates an asset

### Parameters



Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Body</b>	<b>assetData</b> required	assetData
<b>assetData</b>		
Name		Schema
<b>Assets</b> optional		< asset > array

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/asset/assets/{id}

### Description

Returns the asset associated with the id

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	< string > array

## PUT /api/asset/assets/{id}

### Description

Updates an asset

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Body</b>	<b>assetData</b> required	assetData
<b>assetData</b>		
Name		Schema
<b>Assets</b> optional		< asset > array

### Responses

HTTP Code	Schema
200	string

## DELETE /api/asset/assets/{id}

### Description

Removes an asset

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	string

## POST /api/asset/assets/{id}/archive

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/asset/assets/{id}/barcodes

### Description

Returns all barcodes associated with the specified asset.

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

## Responses

HTTP Code	Schema
200	< object > array

## POST /api/asset/assets/{id}/cancel\_archive

### Parameters

Type	Name	Schema
Path	id required	integer

## Responses

HTTP Code	Schema
200	string

## POST /api/asset/barcodes

### Description

Creates a new barcode

### Parameters

Type	Name	Schema
<b>Body</b>	<b>barcodeData</b> required	barcodeData
<b>barcodeData</b>		
Name		Schema
<b>Barcodes</b> optional		< barcode > array

## Responses

HTTP Code	Schema
200	string

## GET /api/asset/barcodes

### Description

Returns all barcodes

### Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	< string > array

## GET /api/asset/barcodes/version

## Description

Returns the version associated with this API endpoint.

## Responses

HTTP Code	Schema
200	string

## GET /api/asset/barcodes/{id}

## Description

Returns the barcode associated with the id

## Parameters

Type	Name	Schema
Path	id required	integer
Query	shaping optional	string
Query	sorting optional	string
Query	use_count optional	string
Query	use_count_only optional	string
Query	use_pretty_print optional	boolean

## Responses

HTTP Code	Schema
200	< string > array

## PUT /api/asset/barcodes/{id}

### Description

Updates the selected barcode

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Body</b>	<b>barcodeData</b> required	barcodeData
<b>barcodeData</b>		
Name		Schema
<b>Barcodes</b> optional		< barcode > array

### Responses

HTTP Code	Schema
<b>200</b>	string

## DELETE /api/asset/barcodes/{id}

### Description

Removes the selected barcode

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

## Responses

HTTP Code	Schema
200	string

## GET api/asset/archived\_devices/version

### Description

Returns the version associated with this API endpoint.

## Responses

HTTP Code	Schema
200	string

## Definitions

### archive\_asset\_device

Name	Schema
<b>asset_id</b> optional	integer
<b>id</b> optional	integer
<b>name</b> optional	string

### asset

Name	Schema
<b>archive</b> optional	string
<b>archive_reason</b> optional	string



Name	Schema
<b>asset_class_id</b> optional	integer
<b>asset_data_id</b> optional	integer
<b>asset_status_id</b> optional	integer
<b>asset_type_id</b> optional	integer
<b>id</b> optional	integer
<b>location_id</b> optional	integer
<b>mapped_id</b> optional	integer
<b>name</b> optional	string
<b>owner_id</b> optional	integer

## asset\_status

Name	Schema
<b>description</b> optional	string
<b>id</b> optional	integer
<b>is_system</b> optional	integer
<b>name</b> optional	string

## barcode

Name	Description	Schema
<b>asset_id</b> required	Only valid when creating new barcode. Required, used to associate with a specific asset	integer
<b>barcode_data</b> required		string
<b>barcode_format</b> required		string
<b>barcode_name</b> required		string
<b>first_scanned_geolocation</b> read-only		string

Name	Description	Schema
<b>first_scanned_method</b> read-only		string
<b>first_scanned_user</b> read-only		string
<b>id</b> optional		integer
<b>last_scanned_geolocation</b> read-only		string
<b>last_scanned_method</b> read-only		string
<b>last_scanned_user</b> read-only		string
<b>scanned_geolocation</b> required	Geolocation of scan. Can be UNKNOWN	string
<b>scanned_method</b> required	Scanned method - can be MANUAL, SCANNED or UNKNOWN	string

## machine

Name	Schema
<b>asset_tag</b> optional	string
<b>bios_description</b> optional	string
<b>bios_identification_code</b> optional	string
<b>bios_manufacturer</b> optional	string
<b>bios_name</b> optional	string
<b>bios_serial_number</b> optional	string
<b>bios_version</b> optional	string
<b>cdrom_devices</b> optional	string
<b>chassis_type</b> optional	string
<b>client_version</b> optional	string
<b>cpu_name</b> optional	string
<b>cs_domain</b> optional	string
<b>cs_manufacturer</b> optional	string

Name	Schema
<b>cs_model</b> optional	string
<b>csp_id_number</b> optional	string
<b>custom_field_value0</b> optional	string
<b>custom_field_value1</b> optional	string
<b>custom_field_value2</b> optional	string
<b>custom_field_value3</b> optional	string
<b>custom_field_value4</b> optional	string
<b>custom_field_value5</b> optional	string
<b>domain</b> optional	string
<b>dot_net_versions</b> optional	string
<b>edge_version</b> optional	string
<b>force_inventory</b> optional	integer
<b>gateway_ip</b> optional	string
<b>gateway_ipv6</b> optional	string
<b>id</b> optional	integer
<b>ie_version</b> optional	string
<b>ip</b> optional	string
<b>ipv6</b> optional	string
<b>kpatch_language_id</b> optional	string
<b>kuid</b> optional	string
<b>last_reboot</b> optional	string
<b>last_shutdown</b> optional	string
<b>last_user</b> optional	string
<b>mac</b> optional	string
<b>manual_entry</b> optional	integer
<b>manufacturer_product_number</b> optional	string
<b>monitor</b> optional	string
<b>motherboard_primary_bus</b> optional	string

Name	Schema
<b>motherboard_secondary_bus</b> optional	string
<b>name</b> optional	string
<b>netmask</b> optional	string
<b>notes</b> optional	string
<b>os_arch</b> optional	string
<b>os_build</b> optional	string
<b>os_family</b> optional	string
<b>os_id</b> optional	integer
<b>os_installed_date</b> optional	string
<b>os_major</b> optional	string
<b>os_minor</b> optional	string
<b>os_minor2</b> optional	string
<b>os_name</b> optional	string
<b>os_number</b> optional	string
<b>os_release</b> optional	string
<b>os_version</b> optional	string
<b>ownership</b> optional	string
<b>pagefile_max_size</b> optional	string
<b>pagefile_size</b> optional	string
<b>physical_cores</b> optional	integer
<b>physical_processors</b> optional	integer
<b>prefix_len</b> optional	integer
<b>printers</b> optional	string
<b>processors</b> optional	string
<b>ram_max</b> optional	string
<b>registry_max_size</b> optional	string
<b>registry_size</b> optional	string
<b>sda_deployment_name</b> optional	string

Name	Schema
<b>sda_deployment_type</b> optional	string
<b>sda_deployment_url</b> optional	string
<b>sda_installation_id</b> optional	string
<b>sda_name</b> optional	string
<b>sda_url</b> optional	string
<b>service_pack</b> optional	string
<b>sound_devices</b> optional	string
<b>sys_arch</b> optional	string
<b>system_description</b> optional	string
<b>system_directory</b> optional	string
<b>tz_agent</b> optional	string
<b>uptime</b> optional	string
<b>user</b> optional	string
<b>user_domain</b> optional	string
<b>user_fullname</b> optional	string
<b>user_logged</b> optional	string
<b>user_name</b> optional	string
<b>video_controllers</b> optional	string
<b>virtual</b> optional	string
<b>wmi_status</b> optional	string

## software

Name	Schema
<b>category</b> optional	string
<b>checksum</b> optional	string
<b>comments</b> optional	string
<b>contact</b> optional	string

Name	Schema
<b>custom_field_value0</b> optional	string
<b>custom_field_value1</b> optional	string
<b>custom_field_value2</b> optional	string
<b>custom_field_value3</b> optional	string
<b>custom_field_value4</b> optional	string
<b>custom_field_value5</b> optional	string
<b>display_name</b> optional	string
<b>display_version</b> optional	string
<b>dont_replicate</b> optional	integer
<b>file_name</b> optional	string
<b>file_size</b> optional	integer
<b>help_link</b> optional	string
<b>help_telephone</b> optional	string
<b>id</b> optional	integer
<b>install_date</b> optional	string
<b>installed_count</b> optional	integer
<b>inventory_rule</b> optional	string
<b>is_manual</b> optional	integer
<b>is_patch</b> optional	integer
<b>notes</b> optional	string
<b>publisher</b> optional	string
<b>quiet_uninstall_string</b> optional	string
<b>readme</b> optional	string
<b>rule_data_type</b> optional	integer
<b>rule_flag</b> optional	integer
<b>threat</b> optional	integer
<b>uninstall_string</b> optional	string
<b>urlinfo_about</b> optional	string

Name	Schema
version optional	string

## KACE SMA Asset API Examples

This section provides examples for adding attachments to assets using the KACE SMA API.

Each example uses the following assumptions:

- We have a Device asset type, with the asset type ID of 5.
- The Device asset type has two custom fields of type attachment, and they are tagged as `field_10002` and `field_10003` in the JSON.

### Create an asset and upload attachments to both custom fields at the same time:

```
POST /api/asset/assets
Content-Type: multipart/form-data; boundary=-----290943174853897038718644
-----290943174853897038718644
Content-Disposition: form-data; name="Assets"
[ {
  "asset_type_id" : 5,
  "name" : "TestCreateWithAttachments",
  "field_10002" : { "attachmentSet" : "AttachmentOne" },
  "field_10003" : { "attachmentSet" : "AttachmentTwo" }
} ]
-----290943174853897038718644
Content-Disposition: form-data; name="AttachmentOne"; filename="SomeFile.png"
Content-Type: image/png
... The binary PNG file data ...
-----290943174853897038718644
Content-Disposition: form-data; name="AttachmentTwo"; filename="SomeOtherFile.png"
Content-Type: image/png
... The binary PNG file data ...
-----290943174853897038718644
```

### Update an asset by uploading a single custom fields:



**NOTE:** You can upload multiple attachments to different custom fields at once. See [Create an asset and upload attachments to both custom fields at the same time:](#)

```
POST /api/asset/assets/{asset ID}
Content-Type: multipart/form-data; boundary=-----290943174853897038718644
-----290943174853897038718644
Content-Disposition: form-data; name="Assets"
[ {
  "field_10003" : { "attachmentSet" : "AttachmentOne" }
} ]
-----290943174853897038718644
Content-Disposition: form-data; name="AttachmentOne"; filename="ReplacementFile.png"
Content-Type: image/png
... The binary PNG file data ...
-----290943174853897038718644
```

### Update an asset by removing an attachment from a custom field:

```
PUT /api/asset/assets/{asset ID}
Content-Type: application/json
{
  "Assets" : [ {
    "field_10002" : { "remove" : "1" }
  } ]
}
```

```
    }}  
}
```

**Retrieve an attachment from a specified custom field:**

```
GET /api/asset/assets/{asset ID}/attachments/field_10002
```



# Inventory API Reference

---

## K1000 Inventory API Reference

### Overview

### Version information

Version : 11.0

### URI scheme

BasePath : /api/inventory

### Consumes

- application/json

### Produces

- application/json

### Paths

## POST /api/inventory/machines/

### Description

Creates or updates inventory data. The only way to send new inventory data is via this Machine entity. It is suggested that POST be used for new machines and PUT for machine updates. However, as a convenience for clients, the POST route can be used to update the inventory for existing machines. See Appendix B for an

example of the request body format. Multiple machines can be sent in a single request. If no KUID is given for a machine, one will be auto-generated. The ID(s) of the impacted machines will be included in the response.

## Responses

HTTP Code	Schema
200	< integer > array

## GET /api/inventory/machines/

### Description

Retrieves the data for any matching machines.

### Parameters

Type	Name	Description	Schema	Default
Query	<b>filterOptions</b> optional	The name of join set to insert in base query	string	""
Query	<b>filtering</b> optional		string	
Query	<b>offset</b> optional		string	
Query	<b>paging</b> optional		string	
Query	<b>shaping</b> optional		string	
Query	<b>sorting</b> optional		string	
Query	<b>use_count</b> optional		string	
Query	<b>use_count_only</b> optional		string	
Query	<b>use_pretty_print</b> optional		boolean	

## Responses

HTTP Code	Schema
200	< string > array

## GET /api/inventory/machines/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

### Responses

HTTP Code	Schema
200	string

## GET /api/inventory/machines/{id}/

### Description

Retrieves the data for the specific ID given. All query parameters are available.

### Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## PUT /api/inventory/machines/{id}/

### Description

Updates machine inventory data for the given ID. If a KUID is sent in the request body, it must match the KUID for the machine with the given ID. See Appendix B for an example of the request body format.

## Responses

HTTP Code	Schema
<b>200</b>	< integer > array

## POST /api/inventory/machines/{id}/force/

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	string

## POST /api/inventory/nodes/

### Responses

HTTP Code	Schema
200	string

## GET /api/inventory/nodes/

### Description

Retrieves the data for any matching agentless nodes.

### Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

### Responses

HTTP Code	Schema
200	< string > array

## GET /api/inventory/nodes/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

### Responses

HTTP Code	Schema
200	string

## GET /api/inventory/nodes/{id}/

### Description

Retrieves the data for the specific ID given. All query parameters are available.

### Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

### Responses

HTTP Code	Schema
200	string

## POST /api/inventory/operating\_systems/

### Responses

HTTP Code	Schema
200	string

## GET /api/inventory/operating\_systems/

### Description

Retrieves the data for any matching operating systems. The operating system for a machine are reported during inventory.

### Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

### Responses

HTTP Code	Schema
200	< string > array

## GET /api/inventory/operating\_systems/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

### Responses

HTTP Code	Schema
200	string

## GET /api/inventory/operating\_systems/{id}/

### Description

Retrieves the data for the specific ID given. All query parameters are available.

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean



## Responses

HTTP Code	Schema
200	string

## POST /api/inventory/processes/

## Responses

HTTP Code	Schema
200	string

## GET /api/inventory/processes/

## Description

Retrieves the data for any matching processes. The running processes for a machine are reported during inventory.

## Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	< string > array

## GET /api/inventory/processes/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

## Responses

HTTP Code	Schema
200	string

## GET /api/inventory/processes/{id}/

### Description

Retrieves the data for the specific ID given. All query parameters are available.

## Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string

Type	Name	Schema
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	string

## POST /api/inventory/services/

### Responses

HTTP Code	Schema
200	string

## GET /api/inventory/services/

### Description

Retrieves the data for any matching NT services. The list of services for a Windows machine are reported during inventory.

### Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string

Type	Name	Schema
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/inventory/services/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/inventory/services/{id}/

### Description

Retrieves the data for the specific ID given. All query parameters are available.

## Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Query</b>	<b>shaping</b> optional	string

Type	Name	Schema
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	string

## POST /api/inventory/software/

### Responses

HTTP Code	Schema
200	string

## GET /api/inventory/software/

### Description

Retrieves the data for any matching software. The installed software titles for a machine are reported during inventory.

### Parameters

Type	Name	Schema
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string

Type	Name	Schema
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/inventory/software/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

### Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/inventory/software/{id}/

### Description

Retrieves the data for the specific ID given. All query parameters are available.

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	string

## POST /api/inventory/startup\_programs/

### Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/inventory/startup\_programs/

### Description

Retrieves the data for any matching startup programs. The list of startup programs for a machine are reported during inventory.

### Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string

Type	Name	Schema
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/inventory/startup\_programs/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/inventory/startup\_programs/{id}/

### Description

Retrieves the data for the specific ID given. All query parameters are available.



## Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	string

## Definitions

### Catalog.Sam\_Catalog

Name	Schema
<b>Edition</b> optional	string
<b>Id</b> optional	string
<b>Is_Mobile</b> optional	integer
<b>License_Type</b> optional	string
<b>Major_Version</b> optional	string
<b>Name</b> optional	string
<b>Product_Name</b> optional	string
<b>Publisher</b> optional	string
<b>Sam_Type</b> optional	string

Name	Schema
<b>Software_Category</b> optional	string
<b>Software_Category_Id</b> optional	integer
<b>Software_Platform</b> optional	string
<b>Software_Platform_Id</b> optional	integer
<b>Support_Url</b> optional	string

## Dell\_Inventory

Name	Schema
<b>Inv_Log_Xml</b> optional	string
<b>Inv_Out_Xml</b> optional	string
<b>Lang</b> optional	string
<b>Machine_Id</b> optional	integer
<b>Os_Arch</b> optional	string
<b>Os_Code</b> optional	string
<b>Os_Majver</b> optional	integer
<b>Os_Minver</b> optional	integer
<b>Os_Vendor</b> optional	string
<b>Status_Code</b> optional	integer
<b>Status_Phase</b> optional	string
<b>System_Did</b> optional	string

## Dell\_Inventory\_Log

Name	Schema
<b>Failure_Reason</b> optional	string
<b>Machine_Id</b> optional	integer
<b>Module_Id</b> optional	string
<b>Status</b> optional	string

## Dell\_Machine\_Pkg\_Update\_Status

Name	Schema
<b>Catalog_Id</b> optional	integer
<b>Dell_Schedule_Id</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Max_Update_Attempt</b> optional	integer
<b>Package_Did</b> optional	string
<b>Update_Count</b> optional	integer

## Dell\_Machine\_Status

Name	Schema
<b>Applicable_Update</b> optional	string
<b>Catalog_Id</b> optional	integer
<b>Device_Id</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Package_Did</b> optional	string

## Dell\_Pkg\_Update\_History

Name	Schema
<b>Applicable_Update</b> optional	string
<b>Catalog_Id</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Package_Did</b> optional	string
<b>Update_Phase</b> optional	string
<b>Update_Status</b> optional	integer

## Fs

Name	Schema
<b>Alt_Checksum</b> optional	string
<b>Alt_Location</b> optional	string
<b>Create_Location</b> optional	integer
<b>Create_Shortcut</b> optional	integer
<b>Credential_Id_Alt_Location</b> optional	integer
<b>Credential_Id_Location</b> optional	integer
<b>Enabled</b> optional	integer
<b>Hour_Begin</b> optional	integer
<b>Hour_End</b> optional	integer
<b>Id</b> optional	integer
<b>Location</b> optional	string
<b>No_Uncompress</b> optional	integer
<b>Notes</b> optional	string
<b>Persistent</b> optional	integer
<b>Postinstall_Message</b> optional	string
<b>Preinstall_Message</b> optional	string
<b>Remove_Files</b> optional	integer
<b>Replace_Existing</b> optional	integer
<b>Shortcut_Name</b> optional	string
<b>Software_Id</b> optional	integer
<b>Target_All_Machines</b> optional	integer
<b>Type</b> optional	string

## Kbsys.Patch

Name	Schema
<b>Bulletin</b> optional	string
<b>Bundled_By</b> optional	string
<b>Bundles</b> optional	string
<b>Classification</b> optional	string
<b>Cve</b> optional	string
<b>Description</b> optional	string
<b>Id</b> optional	string
<b>Impact_Install</b> optional	string
<b>Impact_Uninstall</b> optional	string
<b>Info_Url</b> optional	string
<b>Is_Superceded</b> optional	integer
<b>Is_Supported_Install</b> optional	integer
<b>Is_Supported_Uninstall</b> optional	integer
<b>Patch_Guid</b> optional	string
<b>Patch_Identifier</b> optional	string
<b>Patch_Type</b> optional	string
<b>Publisher</b> optional	string
<b>Reboot_Install</b> optional	integer
<b>Reboot_Uninstall</b> optional	integer
<b>Request_User_Input_Install</b> optional	integer
<b>Request_User_Input_Uninstall</b> optional	integer
<b>Required_By</b> optional	string
<b>Requires</b> optional	string
<b>Severity</b> optional	string
<b>Superceded_By</b> optional	string
<b>Supercedes</b> optional	string
<b>Title</b> optional	string

## Label

Name	Schema
<b>App_Ctrl_Enabled</b> optional	integer
<b>Id</b> optional	integer
<b>Kace_Alt_Location</b> optional	string
<b>Kace_Alt_Location_Password_Enc</b> optional	string
<b>Kace_Alt_Location_User</b> optional	string
<b>Meter_Enabled</b> optional	integer
<b>Name</b> optional	string
<b>Notes</b> optional	string
<b>Scope_User_Role_Id</b> optional	integer
<b>Type</b> optional	string
<b>Usage_All</b> optional	integer
<b>Usage_Catalog</b> optional	integer
<b>Usage_Dell</b> optional	integer
<b>Usage_Label</b> optional	integer
<b>Usage_Machine</b> optional	integer
<b>Usage_Node</b> optional	integer
<b>Usage_Patch</b> optional	integer
<b>Usage_Process</b> optional	integer
<b>Usage_Software</b> optional	integer
<b>Usage_User</b> optional	integer

## Machine

Name	Schema
<b>Asset_Tag</b> optional	string

Name	Schema
<b>Bios_Description</b> optional	string
<b>Bios_Identification_Code</b> optional	string
<b>Bios_Manufacturer</b> optional	string
<b>Bios_Name</b> optional	string
<b>Bios_Serial_Number</b> optional	string
<b>Bios_Version</b> optional	string
<b>Cdrom_Devices</b> optional	string
<b>Chassis_Type</b> optional	string
<b>Client_Version</b> optional	string
<b>Cpu_Name</b> optional	string
<b>Cs_Domain</b> optional	string
<b>Cs_Manufacturer</b> optional	string
<b>Cs_Model</b> optional	string
<b>Csp_Id_Number</b> optional	string
<b>Custom_Field_Value0</b> optional	string
<b>Custom_Field_Value1</b> optional	string
<b>Custom_Field_Value2</b> optional	string
<b>Custom_Field_Value3</b> optional	string
<b>Custom_Field_Value4</b> optional	string
<b>Custom_Field_Value5</b> optional	string
<b>Domain</b> optional	string
<b>Dot_Net_Versions</b> optional	string
<b>Force_Inventory</b> optional	integer
<b>Id</b> optional	integer
<b>Ie_Version</b> optional	string
<b>Ip</b> optional	string
<b>Ipv6</b> optional	string
<b>Kpatch_Language_Id</b> optional	string

Name	Schema
<b>Kuid</b> optional	string
<b>Last_Reboot</b> optional	string
<b>Last_Shutdown</b> optional	string
<b>Last_User</b> optional	string
<b>Mac</b> optional	string
<b>Manual_Entry</b> optional	integer
<b>Manufacturer_Product_Number</b> optional	string
<b>Monitor</b> optional	string
<b>Motherboard_Primary_Bus</b> optional	string
<b>Motherboard_Secondary_Bus</b> optional	string
<b>Name</b> optional	string
<b>Netmask</b> optional	string
<b>Notes</b> optional	string
<b>Os_Arch</b> optional	string
<b>Os_Build</b> optional	string
<b>Os_Family</b> optional	string
<b>Os_Id</b> optional	integer
<b>Os_Installed_Date</b> optional	string
<b>Os_Major</b> optional	string
<b>Os_Minor</b> optional	string
<b>Os_Minor2</b> optional	string
<b>Os_Name</b> optional	string
<b>Os_Number</b> optional	string
<b>Os_Release</b> optional	string
<b>Os_Version</b> optional	string
<b>Ownership</b> optional	string
<b>Pagefile_Max_Size</b> optional	string
<b>Pagefile_Size</b> optional	string



Name	Schema
<b>Physical_Cores</b> optional	integer
<b>Physical_Processors</b> optional	integer
<b>Prefix_Len</b> optional	integer
<b>Printers</b> optional	string
<b>Processors</b> optional	string
<b>Ram_Max</b> optional	string
<b>Registry_Max_Size</b> optional	string
<b>Registry_Size</b> optional	string
<b>Sda_Deployment_Name</b> optional	string
<b>Sda_Deployment_Time</b> optional	string
<b>Sda_Deployment_Type</b> optional	string
<b>Sda_Deployment_Url</b> optional	string
<b>Sda_Installation_Id</b> optional	string
<b>Sda_Name</b> optional	string
<b>Sda_Url</b> optional	string
<b>Service_Pack</b> optional	string
<b>Sound_Devices</b> optional	string
<b>Sys_Arch</b> optional	string
<b>System_Description</b> optional	string
<b>System_Directory</b> optional	string
<b>Tz_Agent</b> optional	string
<b>Uptime</b> optional	string
<b>User</b> optional	string
<b>User_Domain</b> optional	string
<b>User_Fullname</b> optional	string
<b>User_Logged</b> optional	string
<b>User_Name</b> optional	string
<b>Video_Controllers</b> optional	string

Name	Schema
<b>Virtual</b> optional	string
<b>Wmi_Status</b> optional	string

## Machine\_Bitlocker\_Volume

Name	Schema
<b>Conversion_Status</b> optional	string
<b>Device_Id</b> optional	string
<b>Drive_Letter</b> optional	string
<b>Encryption_Method</b> optional	string
<b>Encryption_Percentage</b> optional	integer
<b>Hardware_Encryption_Status</b> optional	string
<b>Id</b> optional	integer
<b>Identification_Field</b> optional	string
<b>Is_System_Volume</b> optional	integer
<b>Key_Protectors</b> optional	string
<b>Lock_Status</b> optional	string
<b>Persistent_Volume_Id</b> optional	string
<b>Protection_Status</b> optional	string
<b>Self_Encryption_Drive_Encryption_Method</b> optional	string
<b>Version</b> optional	integer
<b>Wiping_Percentage</b> optional	integer
<b>Wiping_Status</b> optional	string

## Machine\_Chromeos\_Details

Name	Schema
<b>Annotated_Location</b> optional	string

Name	Schema
<b>Annotated_User</b> optional	string
<b>Boot_Mode</b> optional	string
<b>Device_Id</b> optional	string
<b>Firmware_Version</b> optional	string
<b>Id</b> optional	integer
<b>Mac_Address</b> optional	string
<b>Machine_Chromeos_Details_Id</b> optional	integer
<b>Meid</b> optional	string
<b>Model</b> optional	string
<b>Notes</b> optional	string
<b>Order_Number</b> optional	string
<b>Org_Unit_Path</b> optional	string
<b>Os_Version</b> optional	string
<b>Platform_Version</b> optional	string
<b>Serial_Number</b> optional	string
<b>Status</b> optional	string
<b>Will_Auto_Renew</b> optional	integer

## Machine\_Custom\_Inventory

Name	Schema
<b>Field_Value_Type</b> optional	integer
<b>Id</b> optional	integer
<b>Num_Field_Value</b> optional	integer
<b>Software_Id</b> optional	integer
<b>Str_Field_Value</b> optional	string

## Machine\_Daily\_Uptime

Name	Schema
<b>Id</b> optional	integer
<b>Machine_Id</b> optional	integer

## Machine\_Ddpe

Name	Schema
<b>Agent_Version</b> optional	string
<b>Id</b> optional	integer
<b>Mcid</b> optional	string
<b>Protection_Status</b> optional	string
<b>Server_Hostname</b> optional	string

## Machine\_Ddpe\_Volume

Name	Schema
<b>Device_Id</b> optional	string
<b>Id</b> optional	integer
<b>Protection_Reason</b> optional	string
<b>Protection_Status</b> optional	string

## Machine\_Disks

Name	Schema
<b>Id</b> optional	integer
<b>Name</b> optional	string

## Machine\_Drive\_Encryption\_Summary

Name	Schema
<b>Id</b> optional	integer
<b>Is_Drive_Encryption_Enabled</b> optional	integer
<b>Is_Drive_Protected</b> optional	integer
<b>Protection_Reason</b> optional	string

## Machine\_Filevault\_Volume

Name	Schema
<b>Authorized_Users</b> optional	string
<b>Conversion_Percentage</b> optional	integer
<b>Conversion_Status</b> optional	string
<b>Device_Id</b> optional	string
<b>Encryption_Status</b> optional	string
<b>Encryption_Type</b> optional	string
<b>Has_Institutional_Recovery_Key</b> optional	integer
<b>Has_Personal_Recovery_Key</b> optional	integer
<b>Id</b> optional	integer
<b>Is_Enabled</b> optional	integer
<b>Version</b> optional	string

## Machine\_Intel\_Amt

Name	Schema
<b>Configuration_Mode</b> optional	string
<b>Control_Mode</b> optional	string
<b>Fw_Version</b> optional	string

Name	Schema
<b>Id</b> optional	integer
<b>Is_Amt_Configured</b> optional	integer
<b>Is_Amt_Enabled_In_Bios</b> optional	integer
<b>Is_Amt_Supported</b> optional	integer
<b>Is_Mei_Enabled</b> optional	integer
<b>Mei_Version</b> optional	string
<b>Skus</b> optional	string
<b>State</b> optional	string
<b>Version</b> optional	string

## Machine\_Location

Name	Schema
<b>Country</b> optional	string
<b>Country_Code</b> optional	string
<b>Id</b> optional	integer
<b>Locality</b> optional	string
<b>Machine_Location_Id</b> optional	integer
<b>Postal_Code</b> optional	string
<b>Region</b> optional	string
<b>Street_Address</b> optional	string

## Machine\_Mobile

Name	Schema
<b>Activation_Lock_Allowed</b> optional	integer
<b>Activation_Lock_Bypass_Code</b> optional	string
<b>Activation_Lock_Enabled</b> optional	integer
<b>Battery_Level</b> optional	string

Name	Schema
<b>Carrier</b> optional	string
<b>Current_Carrier_Network</b> optional	string
<b>Data_Roaming_Enabled</b> optional	integer
<b>Dep_Assigned_By</b> optional	string
<b>Dep_Profile</b> optional	string
<b>Dep_Profile_Status</b> optional	string
<b>Device_Type</b> optional	string
<b>Do_Not_Disturb_Enabled</b> optional	integer
<b>Eas_Device_Id</b> optional	string
<b>Iccid</b> optional	string
<b>Icloud_Enabled</b> optional	integer
<b>Id</b> optional	integer
<b>Imei</b> optional	string
<b>Is_Compliant</b> optional	integer
<b>Is_Dep_Configured</b> optional	integer
<b>Is_Dep_Managed</b> optional	integer
<b>Is_Encrypted</b> optional	integer
<b>Is_Enrolled</b> optional	integer
<b>Is_ITunes_Account_Active</b> optional	integer
<b>Is_Lost</b> optional	integer
<b>Is_Rooted</b> optional	integer
<b>Is_Supervised</b> optional	integer
<b>Locator_Service_Enabled</b> optional	integer
<b>Machine_Mobile_Id</b> optional	integer
<b>Meid</b> optional	string
<b>Modem_Firmware</b> optional	string
<b>Phone_Number</b> optional	string
<b>Udid</b> optional	string

Name	Schema
<b>Voice_Roaming_Enabled</b> optional	integer
<b>Wifi_Bytes_Recv</b> optional	integer
<b>Wifi_Bytes_Sent</b> optional	integer
<b>Wwan_Bytes_Recv</b> optional	integer
<b>Wwan_Bytes_Sent</b> optional	integer

## Machine\_Nics

Name	Schema
<b>Dhcp_Enabled</b> optional	string
<b>Dnsdomain</b> optional	string
<b>Dnshostname</b> optional	string
<b>Id</b> optional	integer
<b>Ip</b> optional	string
<b>Ipv6_Config</b> optional	string
<b>Mac</b> optional	string
<b>Netmask</b> optional	string
<b>Nic</b> optional	string
<b>Nic_Id</b> optional	integer

## Machine\_Replitem

Name	Schema
<b>Checksum</b> optional	string
<b>Error</b> optional	integer
<b>File_Name</b> optional	string
<b>File_Size</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Ordinal</b> optional	integer



Name	Schema
<b>Path</b> optional	string
<b>Type</b> optional	string
<b>Type_Id</b> optional	string
<b>Zip_Package</b> optional	string

## Machine\_Snmp\_Data

Name	Schema
<b>Full_Walk</b> optional	string
<b>Machine_Id</b> optional	integer
<b>Machine_Snmp_Data_Id</b> optional	integer

## Machine\_Tpm

Name	Schema
<b>Id</b> optional	integer
<b>Is_Activated</b> optional	integer
<b>Is_Enabled</b> optional	integer
<b>Is_Owned</b> optional	integer
<b>Manufacturer_Id</b> optional	integer
<b>Manufacturer_Id_Text</b> optional	string
<b>Manufacturer_Version</b> optional	string
<b>Manufacturer_Version_Info</b> optional	string
<b>Physical_Presence_Version_Info</b> optional	string
<b>Specification_Version</b> optional	string

## Mi\_Attempt

Name	Schema
<b>Attempt_Count</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Mi_Id</b> optional	integer
<b>Run_Now</b> optional	integer

## Node

Name	Schema
<b>Aw_Id</b> optional	string
<b>Aw_Status</b> optional	integer
<b>Chromeos_Id</b> optional	string
<b>Chromeos_Status</b> optional	integer
<b>Cli_Status</b> optional	integer
<b>Dmm_Id</b> optional	string
<b>Dmm_Status</b> optional	integer
<b>G_Mobile_Id</b> optional	string
<b>G_Mobile_Status</b> optional	integer
<b>Host_Name</b> optional	string
<b>Id</b> optional	integer
<b>Ip</b> optional	string
<b>Kmm_Id</b> optional	string
<b>Kmm_Status</b> optional	integer
<b>Ldap_Status</b> optional	integer
<b>Mac</b> optional	string
<b>Machine_Id</b> optional	integer
<b>Nmap_Status</b> optional	integer
<b>Os_Type</b> optional	string
<b>Ping_Status</b> optional	integer

Name	Schema
<b>Real_Name</b> optional	string
<b>Relay_Machine_Id</b> optional	integer
<b>Scan_Settings_Id</b> optional	integer
<b>Snmp_Contact</b> optional	string
<b>Snmp_Status</b> optional	integer
<b>Snmp_Sysdescr</b> optional	string
<b>Snmp_Uptime</b> optional	string
<b>Snmp_Version</b> optional	integer
<b>Snmp_Walk_Data</b> optional	string
<b>Socket_Status</b> optional	integer
<b>Vmware_Status</b> optional	integer
<b>Vmware_Type</b> optional	integer
<b>Winrm_Status</b> optional	integer

## Node\_Snmp\_If

Name	Schema
<b>Admin_Status</b> optional	string
<b>Descr</b> optional	string
<b>Id</b> optional	integer
<b>Ifindex</b> optional	integer
<b>In_Discards</b> optional	integer
<b>In_Errors</b> optional	integer
<b>In_Nucastpkts</b> optional	integer
<b>In_Octets</b> optional	integer
<b>In_Ucastpkts</b> optional	integer
<b>In_Unknownprotos</b> optional	integer
<b>Last_Change</b> optional	string

Name	Schema
<b>Mtu</b> optional	integer
<b>Oper_Status</b> optional	string
<b>Out_Discards</b> optional	integer
<b>Out_Errors</b> optional	integer
<b>Out_Nucastpkts</b> optional	integer
<b>Out_Octets</b> optional	integer
<b>Out_Ucastpkts</b> optional	integer
<b>Phys_Address</b> optional	string
<b>Specific</b> optional	string
<b>Speed</b> optional	integer
<b>Type</b> optional	string

## Node\_Snmp\_System

Name	Schema
<b>Contact</b> optional	string
<b>Description</b> optional	string
<b>Full_Walk</b> optional	string
<b>Id</b> optional	integer
<b>Location</b> optional	string
<b>Name</b> optional	string
<b>Object_Id</b> optional	string
<b>Uptime</b> optional	string

## Ntservice

Name	Schema
<b>Can_Interact_With_Desktop</b> optional	string
<b>Category</b> optional	string

Name	Schema
<b>Command_Args</b> optional	string
<b>Command_Exe</b> optional	string
<b>Company_Name</b> optional	string
<b>Description</b> optional	string
<b>Display_Name</b> optional	string
<b>File_Description</b> optional	string
<b>File_Name</b> optional	string
<b>File_Version</b> optional	string
<b>Id</b> optional	integer
<b>Logon_As_User</b> optional	string
<b>Name</b> optional	string
<b>Notes</b> optional	string
<b>Product_Name</b> optional	string
<b>Product_Version</b> optional	string
<b>Startup_Type</b> optional	string
<b>Status</b> optional	string
<b>Threat</b> optional	integer

## Operating\_Systems

Name	Schema
<b>Arch</b> optional	string
<b>Build</b> optional	string
<b>Common_Name</b> optional	string
<b>Description</b> optional	string
<b>Family</b> optional	string
<b>Id</b> optional	integer
<b>Major_Version</b> optional	integer

Name	Schema
<b>Managed</b> optional	integer
<b>Minor2_Version</b> optional	integer
<b>Minor_Version</b> optional	integer
<b>Name</b> optional	string
<b>Os_Family_Id</b> optional	integer
<b>Os_Product_Id</b> optional	integer
<b>Patch_Package_Code</b> optional	string
<b>Sp</b> optional	integer

## Patch\_Machine\_Status

Name	Schema
<b>Deploy_Attempt_Count</b> optional	integer
<b>Deploy_Error_Code</b> optional	integer
<b>Deploy_Status</b> optional	string
<b>Detect_Error_Code</b> optional	integer
<b>Detect_Rdesc</b> optional	string
<b>Detect_Status</b> optional	string
<b>Is_Error</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Max_Deploy_Attempt</b> optional	integer
<b>Max_Rollback_Attempt</b> optional	integer
<b>Patch_Applicable</b> optional	integer
<b>Patch_Id</b> optional	string
<b>Patch_Installed</b> optional	integer
<b>Product_Installed</b> optional	integer
<b>Rollback_Attempt_Count</b> optional	integer
<b>Rollback_Error_Code</b> optional	integer

Name	Schema
<b>Rollback_Status</b> optional	string

## Patch\_Schedule\_Run\_Machine

Name	Schema
<b>Id</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Patch_Schedule_Id</b> optional	integer
<b>Patch_Schedule_Run_Id</b> optional	integer
<b>Status</b> optional	string

## Process

Name	Schema
<b>Category</b> optional	string
<b>Command_Args</b> optional	string
<b>Command_Exe</b> optional	string
<b>Company_Name</b> optional	string
<b>File_Description</b> optional	string
<b>File_Name</b> optional	string
<b>File_Version</b> optional	string
<b>Id</b> optional	integer
<b>Name</b> optional	string
<b>Notes</b> optional	string
<b>Product_Name</b> optional	string
<b>Product_Version</b> optional	string
<b>Threat</b> optional	integer

## Sam\_Meter

Name	Schema
<b>Id</b> optional	integer
<b>Last_Report</b> optional	string
<b>Machine_Id</b> optional	integer

## Sam\_Meter\_Data

Name	Schema
<b>Id</b> optional	integer
<b>Is_Mobile</b> optional	integer
<b>Latest_Entry</b> optional	integer
<b>Launches</b> optional	integer
<b>Machine_Id</b> optional	integer
<b>Process_Id</b> optional	string
<b>Seconds_Used</b> optional	integer
<b>Titled_Application_Id</b> optional	string
<b>User_Data</b> optional	string
<b>Version</b> optional	string

## Software

Name	Schema
<b>Category</b> optional	string
<b>Checksum</b> optional	string
<b>Comments</b> optional	string
<b>Contact</b> optional	string
<b>Custom_Field_Value0</b> optional	string



Name	Schema
<b>Custom_Field_Value1</b> optional	string
<b>Custom_Field_Value2</b> optional	string
<b>Custom_Field_Value3</b> optional	string
<b>Custom_Field_Value4</b> optional	string
<b>Custom_Field_Value5</b> optional	string
<b>Display_Name</b> optional	string
<b>Display_Version</b> optional	string
<b>Dont_Replicate</b> optional	integer
<b>File_Name</b> optional	string
<b>File_Size</b> optional	integer
<b>Help_Link</b> optional	string
<b>Help_Telephone</b> optional	string
<b>Id</b> optional	integer
<b>Install_Date</b> optional	string
<b>Inventory_Rule</b> optional	string
<b>Is_Manual</b> optional	integer
<b>Is_Patch</b> optional	integer
<b>Notes</b> optional	string
<b>Publisher</b> optional	string
<b>Quiet_Uninstall_String</b> optional	string
<b>Readme</b> optional	string
<b>Rule_Data_Type</b> optional	integer
<b>Rule_Flag</b> optional	integer
<b>Threat</b> optional	integer
<b>Uninstall_String</b> optional	string
<b>Urlinfo_About</b> optional	string
<b>Version</b> optional	string

## Startupprogram

Name	Schema
<b>Category</b> optional	string
<b>Command_Args</b> optional	string
<b>Command_Exe</b> optional	string
<b>Company_Name</b> optional	string
<b>File_Description</b> optional	string
<b>File_Name</b> optional	string
<b>File_Version</b> optional	string
<b>Id</b> optional	integer
<b>Name</b> optional	string
<b>Notes</b> optional	string
<b>Product_Name</b> optional	string
<b>Product_Version</b> optional	string
<b>Threat</b> optional	integer

# Managed Install API Reference

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## K1000 Managed Install API Reference

### Overview

### Version information

Version : 11.0

### URI scheme

BasePath : /api/mi

### Consumes

- application/json

### Produces

- application/json

### Paths

**PUT /api/managed\_install/managed\_installs/{id}/  
add\_to\_machines**

### Description

Adds devices to a managed install.

## Parameters

Type	Name	Description	Schema
<b>Path</b>	<b>id</b> required		integer
<b>Query</b>	<b>use_count</b> optional		string
<b>Query</b>	<b>use_count_only</b> optional		string
<b>Query</b>	<b>use_pretty_print</b> optional		boolean
<b>Body</b>	<b>machines</b> required	A payload with the machines to update. For example: { "Machines" : ["id"]}	json

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /api/mi/compatible\_machines

### Description

Returns a list of compatible machines

### Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>offset</b> optional	string
<b>Query</b>	<b>paging</b> optional	string
<b>Query</b>	<b>shaping</b> optional	string

Type	Name	Schema
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/mi/compatible\_machines/version

### Description

Returns the API version for this endpoint.

### Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/mi/files

### Description

Returns the list of files available to managed installs.

### Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/mi/files/version

### Description

Returns the version of this api endpoint.

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/mi/machines

### Description

Returns all the devices

## Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>offset</b> optional	string
<b>Query</b>	<b>paging</b> optional	string

Type	Name	Schema
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/mi/machines/version

### Description

Returns the version for this end point.

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/mi/machines/{id}

### Description

Returns the managed install associated with a device.

## Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/mi/managed\_installs

### Description

Returns a list of all managed installs.

### Parameters

Type	Name	Schema
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>offset</b> optional	string
<b>Query</b>	<b>paging</b> optional	string
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean



## Responses

HTTP Code	Schema
200	< string > array

## GET /api/mi/managed\_installs/version

### Description

Returns the current version of this API endpoint.

## Responses

HTTP Code	Schema
200	string

## GET /api/mi/managed\_installs/{id}

### Description

Gets the details of this managed install

## Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string

Type	Name	Schema
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/mi/managed\_installs/{id}/compatible\_machines

### Description

Returns a list of compatible devices for this managed install.

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	< string > array

## GET /api/mi/managed\_installs/{id}/file

### Description

Gets the file associated with this managed install.

### Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

### Responses

HTTP Code	Schema
<b>200</b>	string

## PUT /api/mi/managed\_installs/{id}/remove\_from\_machines

### Description

Removed devices from a managed install.

### Parameters

Type	Name	Description	Schema
<b>Path</b>	<b>id</b>	required	integer
<b>Query</b>	<b>use_count</b>	optional	string
<b>Query</b>	<b>use_count_only</b>	optional	string
<b>Query</b>	<b>use_pretty_print</b>	optional	boolean
<b>Body</b>	<b>machines</b>	A payload with the machines to update required	json

## Responses

HTTP Code	Schema
<b>200</b>	No Content

# Scripting API Reference

---

## K1000 Scripting API Reference

### Overview

### Version information

Version : 11.0

### URI scheme

BasePath : /api/script

### Consumes

- application/json

### Produces

- application/json

### Paths

### POST /api/script

### Description

Creates a new script

## Parameters

Type	Name	Schema
<b>Body</b>	<b>scriptDTO</b> required	ScriptShellIDTO

## Responses

HTTP Code	Schema
<b>200</b>	ScriptShellIDTO

## GET /api/script/runStatus/{runId}

### Description

Get status of progress script

## Parameters

Type	Name	Schema
<b>Path</b>	<b>runId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	RunStatusDTO

## GET /api/script/{scriptId}

### Description

Get a specific script

## Parameters

Type	Name	Schema
<b>Path</b>	<b>scriptId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	ScriptShellDTO

## PUT /api/script/{scriptId}

## Description

Updates a specific script

## Parameters

Type	Name	Schema
<b>Path</b>	<b>scriptId</b> required	integer
<b>Body</b>	<b>scriptDTO</b> required	ScriptShellDTO

## Responses

HTTP Code	Schema
<b>200</b>	ScriptShellDTO

## DELETE /api/script/{scriptId}

## Description

Removes a specific script with all dependencie

## Parameters

Type	Name	Schema
<b>Path</b>	<b>scriptId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## POST /api/script/{scriptId}/actions/run

## Description

Executes a specific script

## Parameters

Type	Name	Description	Schema
<b>Path</b>	<b>scriptId</b> required		integer
<b>Query</b>	<b>machineIDs</b> required	list of machine IDs to run on, or 'all'	integer

## Responses

HTTP Code	Schema
<b>200</b>	integer



## GET /api/script/{scriptId}/dependencies

### Description

Get all dependency of script

### Parameters

Type	Name	Schema
<b>Path</b>	<b>scriptId</b> required	integer

### Responses

HTTP Code	Schema
<b>200</b>	< DependencyDTO > array

## POST /api/script/{scriptId}/dependency/{dependencyName}

### Description

Uploads and attaches a new dependency

### Parameters

Type	Name	Schema
<b>Path</b>	<b>dependencyName</b> required	string
<b>Path</b>	<b>scriptId</b> required	integer
<b>Body</b>	<b>file</b> required	file

## Responses

HTTP Code	Schema
200	DependencyDTO

## GET /api/script/{scriptId}/dependency/{dependencyName}

### Description

Get a specific dependency of script

### Parameters

Type	Name	Schema
Path	<b>dependencyName</b> required	string
Path	<b>scriptId</b> required	integer

## Responses

HTTP Code	Schema
200	DependencyDTO

## PUT /api/script/{scriptId}/dependency/{dependencyName}

### Description

Update a specific dependency

### Parameters

Type	Name	Schema
<b>Path</b>	<b>dependencyName</b> required	string
<b>Path</b>	<b>scriptId</b> required	integer
<b>Body</b>	<b>file</b> required	file

## Responses

HTTP Code	Schema
<b>200</b>	DependencyDTO

## DELETE /api/script/{scriptId}/dependency/{dependencyName}

### Description

Removes a specific dependency of script

### Parameters

Type	Name	Schema
<b>Path</b>	<b>dependencyName</b> required	string
<b>Path</b>	<b>scriptId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	No Content

## GET /api/script/{scriptId}/dependency/{dependencyName}/download

## Description

Download binary dependency data of script. Allows to download streaming data

## Parameters

Type	Name	Schema
<b>Path</b>	<b>dependencyName</b> required	string
<b>Path</b>	<b>scriptId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	file

## POST /api/script/{scriptId}/task

## Description

Creates a new task

## Parameters

Type	Name	Schema
<b>Path</b>	<b>scriptId</b> required	integer
<b>Body</b>	<b>taskDTO</b> required	TaskDTO

## Responses

HTTP Code	Schema
<b>200</b>	< TaskDTO > array

## GET /api/script/{scriptId}/task/{orderId}

### Description

Update a specific task

### Parameters

Type	Name	Schema
<b>Path</b>	<b>orderId</b> required	integer
<b>Path</b>	<b>scriptId</b> required	integer

### Responses

HTTP Code	Schema
<b>200</b>	TaskDTO

## PUT /api/script/{scriptId}/task/{orderId}

### Description

Update a specific task

### Parameters

Type	Name	Schema
<b>Path</b>	<b>orderId</b> required	integer
<b>Path</b>	<b>scriptId</b> required	integer
<b>Body</b>	<b>taskDTO</b> required	TaskDTO

## Responses

HTTP Code	Schema
200	< TaskDTO > array

## DELETE /api/script/{scriptId}/task/{orderId}

### Description

Removes a specific task of script

### Parameters

Type	Name	Schema
Path	<b>orderId</b> required	integer
Path	<b>scriptId</b> required	integer

## Responses

HTTP Code	Schema
200	< TaskDTO > array

## GET /api/script/{scriptId}/tasks

### Description

Get all tasks of specific script

### Parameters

Type	Name	Schema
<b>Path</b>	<b>scriptId</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	< TaskDTO > array

## GET /api/scripts

### Description

Get all founded scripts

### Parameters

Type	Name	Description	Schema
<b>Query</b>	<b>compatibleForMachineId</b> optional	machine identifier	string
<b>Query</b>	<b>count</b> optional	the maximum number of rows to return	integer
<b>Query</b>	<b>searchText</b> optional	text to search is the Description and Notes fields of a script	string
<b>Query</b>	<b>sorting</b> optional	comma-separated list to sort results	string
<b>Query</b>	<b>start</b> optional	offset of the first row to return	integer
<b>Query</b>	<b>type</b> optional	public, private or all	string

## Responses

HTTP Code	Schema
<b>200</b>	< ScriptShellDTO > array

## Definitions

### DependencyDTO

Name	Schema
<b>checksum</b> optional	string
<b>fileSize</b> optional	integer(integer)
<b>name</b> optional	string

### MachineDTO

Name	Schema
<b>ip</b> optional	string
<b>kbotLogId</b> optional	integer(integer)
<b>machineId</b> optional	integer(integer)
<b>name</b> optional	string
<b>requestStatus</b> optional	string
<b>requestTime</b> optional	string
<b>status</b> optional	integer(integer)

### RunStatusDTO

Name	Schema
<b>failed</b> optional	< object > array
<b>pending</b> optional	< object > array
<b>pushFailed</b> optional	< object > array
<b>scriptId</b> optional	integer(integer)
<b>success</b> optional	< object > array
<b>targeted</b> optional	< object > array



## ScriptOfflineDTO

Name	Schema
<b>dependencies</b> optional	< object > array
<b>description</b> optional	string
<b>enabled</b> optional	boolean(boolean)
<b>id</b> optional	integer(integer)
<b>machines</b> optional	< object > array
<b>name</b> optional	string
<b>notes</b> optional	string
<b>osTypes</b> optional	< object > array
<b>schedule</b> optional	< object > array
<b>scheduleType</b> optional	string
<b>status</b> optional	string
<b>tasks</b> optional	< object > array
<b>type</b> optional	string

## ScriptOnlineDTO

Name	Schema
<b>alertDialogOptions</b> optional	< object > array
<b>alertDialogTimeout</b> optional	integer(integer)
<b>alertDialogTimeoutAction</b> optional	string
<b>alertEnabled</b> optional	boolean(boolean)
<b>alertMessage</b> optional	string
<b>alertSnoozeDuration</b> optional	integer(integer)
<b>dependencies</b> optional	< object > array
<b>description</b> optional	string

Name	Schema
<b>enabled</b> optional	boolean(boolean)
<b>id</b> optional	integer(integer)
<b>machines</b> optional	< object > array
<b>name</b> optional	string
<b>notes</b> optional	string
<b>osTypes</b> optional	< object > array
<b>runAs</b> optional	integer(integer)
<b>runAsPassword</b> optional	string
<b>runAsUsr</b> optional	string
<b>schedule</b> optional	< object > array
<b>scheduleType</b> optional	string
<b>status</b> optional	string
<b>tasks</b> optional	< object > array
<b>type</b> optional	string

## ScriptShellDTO

Name	Schema
<b>alertDialogOptions</b> optional	< object > array
<b>alertDialogTimeout</b> optional	integer(integer)
<b>alertDialogTimeoutAction</b> optional	string
<b>alertEnabled</b> optional	boolean(boolean)
<b>alertMessage</b> optional	string
<b>alertSnoozeDuration</b> optional	integer(integer)
<b>dependencies</b> optional	< object > array
<b>description</b> optional	string
<b>enabled</b> optional	boolean(boolean)
<b>fileName</b> optional	string

Name	Schema
<b>id</b> optional	integer(integer)
<b>machines</b> optional	< object > array
<b>name</b> optional	string
<b>notes</b> optional	string
<b>osTypes</b> optional	< object > array
<b>removeFiles</b> optional	boolean(boolean)
<b>runAs</b> optional	integer(integer)
<b>runAsPassword</b> optional	string
<b>runAsUsr</b> optional	string
<b>schedule</b> optional	< object > array
<b>scheduleType</b> optional	string
<b>scriptText</b> optional	string
<b>status</b> optional	string
<b>tasks</b> optional	< object > array
<b>timeout</b> optional	integer(integer)
<b>type</b> optional	string
<b>uploadFile</b> optional	boolean(boolean)
<b>uploadFileName</b> optional	string
<b>uploadFilePath</b> optional	string

## TaskDTO

Name	Schema
<b>attempts</b> optional	integer(integer)
<b>onFailure</b> optional	string
<b>onRemediationFailure</b> optional	< object > array
<b>onRemediationSuccess</b> optional	< object > array
<b>onVerifyFailure</b> optional	< object > array

Name	Schema
<b>onVerifySuccess</b> optional	< object > array
<b>ordinalId</b> optional	integer(integer)
<b>verify</b> optional	< object > array

# User API Reference

---

## K1000 User API Reference

### Overview

### Version information

Version : 11.0

### URI scheme

BasePath : /api/user

### Consumes

- application/json

### Produces

- application/json

### Paths

#### GET /api/users/me/

### Description

Gets the user information associated with the currently logged in user.

## Responses

HTTP Code	Schema
<b>200</b>	User

## GET /api/users/version/

### Description

Returns the latest API version for the entity. If there is no specific version, the overall API version is returned.

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/users/{id}/permissions/

### Description

Gets the list of permissions associated with the user.

## Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

## Responses

HTTP Code	Schema
200	Permissions

## Definitions

### Permissions

Name	Schema
<b>canAddTickets</b> optional	boolean
<b>canAddTicketsUserPortal</b> optional	boolean
<b>licensedFeatures</b> optional	< object > array
<b>permissions</b> optional	< object > array
<b>userId</b> optional	integer

### User

Name	Schema
<b>RESTAPIVersion</b> optional	integer
<b>apiEnabled</b> optional	boolean
<b>canAddTickets</b> optional	boolean
<b>canAddTicketsUserPortal</b> optional	boolean
<b>currentOrgId</b> optional	integer
<b>defaultQueueId</b> optional	integer
<b>licensedFeatures</b> optional	< object > array
<b>localTimezone</b> optional	string
<b>loggedin</b> optional	string
<b>loggedinEmail</b> optional	string
<b>loggedinFullName</b> optional	string
<b>loggedinId</b> optional	integer

Name	Schema
<b>multiple_org_ui</b> optional	integer
<b>org_count</b> optional	integer
<b>orgs</b> optional	< object > array
<b>permissions</b> optional	< object > array
<b>serialNumber</b> optional	string
<b>userId</b> optional	integer



# Service Desk API Reference

---

## K1000 Service Desk API Reference

### Overview

### Version information

Version : 11.0

### URI scheme

BasePath : /api/service\_desk

### Consumes

- application/json

### Produces

- application/json

### Paths

#### GET /api/service\_desk/queues/

### Description

Returns a list of all queues

## Parameters

Type	Name	Description	Schema	Default
Query	<b>filterOptions</b> optional	The name of join set to insert in base query	string	""
Query	<b>filtering</b> optional		string	
Query	<b>offset</b> optional		string	
Query	<b>paging</b> optional		string	
Query	<b>shaping</b> optional		string	
Query	<b>sorting</b> optional		string	
Query	<b>use_count</b> optional		string	
Query	<b>use_count_only</b> optional		string	
Query	<b>use_pretty_print</b> optional		boolean	

## Responses

HTTP Code	Schema
<b>200</b>	Response 200
<b>Response 200</b>	
Name	Schema
<b>Queues</b> optional	< hd_queue > array

## GET /api/service\_desk/queues/fields/version

### Description

Returns the version associated with this API endpoint.

## Responses

HTTP Code	Schema
200	string

## GET /api/service\_desk/queues/version

### Description

Returns the version associated with this API endpoint.

## Responses

HTTP Code	Schema
200	string

## GET /api/service\_desk/queues/{id}

### Description

Returns the queue associated with the id

## Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string

Type	Name	Schema
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	Response 200

### Response 200

Name	Schema
<b>Queues</b> optional	< hd_queue > array

## GET /api/service\_desk/queues/{id}/patterns/{id}

## Description

Returns the queue associated with the id

## Parameters

Type	Name	Schema
Path	<b>id</b> required	integer
Path	<b>queueID</b> required	integer
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	Response 200
<b>Response 200</b>	
Name	Schema
<b>Queues</b> optional	< hd_queue > array

## GET /api/service\_desk/queues/{id}/ticket\_template

### Description

Returns a ticket template for the specified queue, usable for ticket creation

### Parameters

Type	Name	Description	Schema	Default
<b>Path</b>	<b>id</b> required		integer	
<b>Query</b>	<b>pattern</b> optional	The ID of ticket template to apply	string	""
<b>Query</b>	<b>use_count</b> optional		string	
<b>Query</b>	<b>use_count_only</b> optional		string	
<b>Query</b>	<b>use_pretty_print</b> optional		boolean	

### Responses

HTTP Code	Schema
<b>200</b>	Response 200
<b>Response 200</b>	
Name	Schema
<b>Tickets</b> optional	< hd_ticket > array

## GET /api/service\_desk/queues/{queueID}/fields

### Description

Returns a list of all a queue's fields

### Parameters

Type	Name	Description	Schema	Default
Query	<b>pattern</b> optional	The ID of ticket template to apply	string	""
Query	<b>use_pretty_print</b> optional		boolean	

### Responses

HTTP Code	Schema
200	< object > array

## GET /api/service\_desk/queues/{queueID}/patterns

### Description

Returns a list of a queue's patterns

### Parameters

Type	Name	Description	Schema	Default
Path	<b>queueID</b> required		integer	
Query	<b>filterOptions</b> optional	Expected usage of list - can be forCreate	string	""
Query	<b>filtering</b> optional		string	

Type	Name	Description	Schema	Default
Query	<b>offset</b>	optional	string	
Query	<b>paging</b>	optional	string	
Query	<b>shaping</b>	optional	string	
Query	<b>sorting</b>	optional	string	
Query	<b>use_count</b>	optional	string	
Query	<b>use_count_only</b>	optional	string	
Query	<b>use_pretty_print</b>	optional	boolean	

## Responses

HTTP Code	Schema
<b>200</b>	Response 200
<b>Response 200</b>	
Name	Schema
<b>Patterns</b> optional	< hd_ticket_template > array

## POST /api/service\_desk/tickets

### Description

Creates a new ticket

### Parameters

Type	Name	Schema
<b>Body</b>	<b>ticketData</b> required	ticketData
<b>ticketData</b>		

Name	Schema
<b>Tickets</b> optional	< hd_ticket > array

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/service\_desk/tickets

### Description

Returns a list of all tickets. Sub-entities that can be used on shaping and filtering directives include owner, submitter, queue, category, priority, status, machine, asset, related\_tickets, referring\_tickets

### Parameters

Type	Name	Description	Schema
<b>Query</b>	<b>filtering</b> optional	Comma-separated list of filter directives	string
<b>Query</b>	<b>paging</b> optional	Paging directive including limit and offset	string
<b>Query</b>	<b>shaping</b> optional	Comma-separated list of shape directives	string
<b>Query</b>	<b>sorting</b> optional	Comma-separated list of sorting directives	string
<b>Query</b>	<b>use_count</b> optional		string
<b>Query</b>	<b>use_count_only</b> optional		string
<b>Query</b>	<b>use_pretty_print</b> optional		boolean

## Responses

HTTP Code	Schema
<b>200</b>	Response 200



## Response 200

Name	Schema
<b>Tickets</b> optional	< hd_ticket > array

# POST /api/service\_desk/tickets/stats

## Description

Performs an arbitrary number of fetch requests

## Parameters

Type	Name	Schema
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean
<b>Body</b>	<b>ticketStatsRequestData</b> required	ticketStatsRequestData

### ticketStatsRequestData

Name	Schema
<b>Stats</b> optional	< statistics_request > array

## Responses

HTTP Code	Schema
<b>200</b>	Response 200

### Response 200

Name	Schema
<b>Stats</b> optional	< statistics_response > array

# GET /api/service\_desk/tickets/version

## Description

Returns the version associated with this API endpoint.

## Responses

HTTP Code	Schema
200	string

## POST /api/service\_desk/tickets/{id}

## Description

Updates a ticket

## Parameters

Type	Name	Schema
<b>Path</b>	id required	integer
<b>Body</b>	ticketData required	ticketData

### ticketData

Name	Schema
<b>Tickets</b> optional	< hd_ticket > array

## Responses

HTTP Code	Schema
200	string

## GET /api/service\_desk/tickets/{id}

## Description

Returns the asset associated with the id

## Parameters

Type	Name	Description	Schema	Default
<b>Path</b>	<b>id</b> required		integer	
<b>Query</b>	<b>applyPattern</b> optional	Applies ticket template associated with ticket if any	string	""
<b>Query</b>	<b>shaping</b> optional	Comma-separated list of shape directives	string	
<b>Query</b>	<b>sorting</b> optional	Comma-separated list of sorting directives for subqueries	string	
<b>Query</b>	<b>use_count</b> optional		string	
<b>Query</b>	<b>use_count_only</b> optional		string	
<b>Query</b>	<b>use_pretty_print</b> optional		boolean	

## Responses

HTTP Code	Schema
<b>200</b>	Response 200
<b>Response 200</b>	
Name	Schema
<b>Tickets</b> optional	< hd_ticket > array

## PUT /api/service\_desk/tickets/{id}

## Description

Updates a ticket

## Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Body</b>	<b>ticketData</b> required	ticketData
<b>ticketData</b>		
Name		Schema
<b>Tickets</b> optional		< hd_ticket > array

## Responses

HTTP Code	Schema
<b>200</b>	string

## DELETE /api/service\_desk/tickets/{id}

## Description

Removes a ticket

## Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	string

## POST /api/service\_desk/tickets/{id}/approve

### Description

Approves a ticket

### Parameters

Type	Name	Schema
<b>Body</b>	<b>approvalData</b> required	approvalData
<b>approvalData</b>		
	Name	Schema
	<b>approvalNote</b> optional	string

### Responses

HTTP Code	Schema
<b>200</b>	string

## POST /api/service\_desk/tickets/{id}/clearApproval

### Description

Clears approval of a previously approved/rejected ticket

### Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/service\_desk/tickets/{id}/clone

### Description

Returns a ticket template for a cloned ticket

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

### Responses

HTTP Code	Schema
<b>200</b>	Response 200

#### Response 200

Name	Schema
<b>Tickets</b> optional	< hd_ticket > array

## PUT /api/service\_desk/tickets/{id}/move\_to\_queue/{queueID}

### Description

Moves a ticket to a different queue

### Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer

Type	Name	Schema
<b>Path</b>	<b>queueID</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	string

## POST /api/service\_desk/tickets/{id}/reject

### Description

Rejects a ticket

### Parameters

Type	Name	Schema
<b>Body</b>	<b>approvalData</b> required	approvalData
<b>approvalData</b>		
Name		Schema
<b>approvalNote</b> optional		string

### Responses

HTTP Code	Schema
<b>200</b>	string

## PUT /api/service\_desk/tickets/{id}/switch\_pattern/{patternID}

## Description

Changes ticket to different pattern

## Parameters

Type	Name	Schema
<b>Path</b>	<b>id</b> required	integer
<b>Path</b>	<b>patternID</b> required	integer

## Responses

HTTP Code	Schema
<b>200</b>	string

## PUT /api/service\_desk/tickets/{ticketID}/change/{changeID}

## Description

Updates a ticket change. For now only supports adjusting owner only setting.

## Parameters

Type	Name	Schema
<b>Path</b>	<b>changeID</b> required	integer
<b>Path</b>	<b>ticketID</b> required	integer
<b>Body</b>	<b>changeData</b> required	changeData
<b>changeData</b>		
Name		Schema
<b>Changes</b> optional		< hd_ticket_change > array



## Responses

HTTP Code	Schema
200	string

## GET /api/service\_desk/tickets/{ticketID}/changes

### Description

Returns a list of all changes for a ticket

### Parameters

Type	Name	Schema
Path	<b>ticketID</b> required	integer
Query	<b>filtering</b> optional	string
Query	<b>offset</b> optional	string
Query	<b>paging</b> optional	string
Query	<b>shaping</b> optional	string
Query	<b>sorting</b> optional	string
Query	<b>use_count</b> optional	string
Query	<b>use_count_only</b> optional	string
Query	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
200	Response 200

### Response 200

Name	Schema
<b>Changes</b> optional	< hd_ticket_change > array

## GET /api/service\_desk/tickets/{ticketID}/changes/{changeID}/attachments/{attachmentID}

### Description

Returns an attachment

### Parameters

Type	Name	Schema
<b>Path</b>	<b>attachmentID</b> required	integer
<b>Path</b>	<b>changeID</b> required	integer
<b>Path</b>	<b>ticketID</b> required	integer

### Responses

HTTP Code	Schema
<b>200</b>	string(binary)

## POST /api/service\_desk/tickets/{ticketID}/work

### Description

Creates a new ticket work item

### Parameters

Type	Name	Schema
<b>Path</b>	<b>ticketID</b> required	integer
<b>Body</b>	<b>workData</b> required	workData
<b>workData</b>		
	Name	Schema
	<b>Work</b> optional	< hd_work > array

## Responses

HTTP Code	Schema
<b>200</b>	string

## GET /api/service\_desk/tickets/{ticketID}/work

### Description

Returns a list of all work items for the specified ticket

### Parameters

Type	Name	Schema
<b>Path</b>	<b>ticketID</b> required	integer
<b>Query</b>	<b>filtering</b> optional	string
<b>Query</b>	<b>offset</b> optional	string
<b>Query</b>	<b>paging</b> optional	string
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	Response 200

### Response 200

Name	Schema
<b>Work</b> optional	< hd_work > array

## GET /api/service\_desk/tickets/{ticketID}/work/{workID}

## Description

Returns the asset associated with the id

## Parameters

Type	Name	Schema
<b>Path</b>	<b>ticketID</b> required	integer
<b>Path</b>	<b>workID</b> required	integer
<b>Query</b>	<b>shaping</b> optional	string
<b>Query</b>	<b>sorting</b> optional	string
<b>Query</b>	<b>use_count</b> optional	string
<b>Query</b>	<b>use_count_only</b> optional	string
<b>Query</b>	<b>use_pretty_print</b> optional	boolean

## Responses

HTTP Code	Schema
<b>200</b>	Response 200

### Response 200

Name	Schema
<b>Work</b> optional	< hd_work > array

## DELETE /api/service\_desk/tickets/{ticketID}/work/{workID}

### Description

Removes a ticket work item

### Parameters

Type	Name	Schema
<b>Path</b>	<b>ticketID</b> required	integer
<b>Path</b>	<b>workID</b> required	integer

### Responses

HTTP Code	Schema
<b>200</b>	string

### Definitions

#### asset

Name	Schema
<b>asset_class_id</b> optional	integer
<b>asset_data_id</b> optional	integer
<b>asset_status_id</b> optional	integer
<b>asset_type_id</b> optional	integer
<b>id</b> optional	integer

Name	Schema
<b>mapped_id</b> optional	integer
<b>name</b> optional	string
<b>owner_id</b> optional	integer

## hd\_category

Name	Schema
<b>cc_List</b> optional	string
<b>default_owner_id</b> optional	integer
<b>hd_queue_id</b> optional	integer
<b>id</b> optional	integer
<b>name</b> optional	string
<b>ordinal</b> optional	integer
<b>user_settable</b> optional	integer

## hd\_impact

Name	Schema
<b>id</b> optional	integer
<b>name</b> optional	string
<b>ordinal</b> optional	integer

## hd\_priority

Name	Schema
<b>color</b> optional	string
<b>escalation_minutes</b> optional	integer
<b>hd_queue_id</b> optional	integer
<b>id</b> optional	integer

Name	Schema
<b>is_sla_enabled</b> optional	integer
<b>name</b> optional	string
<b>ordinal</b> optional	integer
<b>resolution_due_date_minutes</b> optional	integer
<b>sla_notification_recurrence_minutes</b> optional	integer
<b>use_business_hours_for_escalation</b> optional	integer
<b>use_business_hours_for_sla</b> optional	integer

## hd\_queue

Name	Description	Schema
<b>allow_all_approvers</b> optional		integer
<b>allow_all_users</b> optional		integer
<b>allow_delete</b> optional		integer
<b>allow_manager_comment_via_userui</b> optional		integer
<b>allow_owners_edit_all_comment</b> optional		integer
<b>allow_owners_via_adminui</b> optional		integer
<b>allow_parent_close</b> optional		integer
<b>allow_users_edit_own_comment</b> optional		integer
<b>alt_email_addr</b> optional		string
<b>archive_interval</b> optional		string
<b>auto_add_cclist_on_comment</b> optional		integer

Name	Description	Schema
<b>categories</b> optional	hd_category data returned when shaping=categories is requested	< hd_category > array
<b>conflict_warning_enabled</b> optional		integer
<b>create_users_on_email</b> optional		integer
<b>default_category_id</b> optional		integer
<b>default_impact_id</b> optional		integer
<b>default_priority_id</b> optional		integer
<b>default_status_id</b> optional		integer
<b>email_user</b> optional		string
<b>id</b> optional		integer
<b>impacts</b> optional	hd_impact data returned when shaping=impacts is requested	< hd_impact > array
<b>name</b> optional		string
<b>owners_only_comments</b> optional		integer
<b>pop_password_enc</b> optional		string
<b>pop_server</b> optional		string
<b>pop_ssl</b> optional		integer
<b>pop_username</b> optional		string
<b>priorities</b> optional	hd_priority data returned when shaping=priorities is requested	< hd_priority > array
<b>purge_interval</b> optional		string
<b>show_new_ticket_attachments</b> optional		integer
<b>show_new_ticket_comments</b> optional		integer



Name	Description	Schema
<b>smtp_password_enc</b> optional		string
<b>smtp_port</b> optional		integer
<b>smtp_server</b> optional		string
<b>smtp_username</b> optional		string
<b>statuses</b> optional	hd_status data returned when shaping=statuses is requested	< object > array

## hd\_status

Name	Schema
<b>id</b> optional	integer
<b>name</b> optional	string
<b>ordinal</b> optional	integer
<b>state</b> optional	string

## hd\_ticket

Name	Description	Schema
<b>category</b> optional	hd_category data returned when shaping=category is requested	object
<b>cc_list</b> optional		string
<b>custom_1</b> optional		string
<b>custom_2</b> optional		string
<b>custom_3</b> optional		string
<b>custom_4</b> optional		string
<b>custom_5</b> optional		string

Name	Description	Schema
<b>custom_6</b> optional		string
<b>custom_7</b> optional		string
<b>custom_8</b> optional		string
<b>custom_9</b> optional		string
<b>hd_queue_id</b> optional		integer
<b>id</b> optional		integer
<b>impact</b> optional	hd_impact data returned when shaping=impact is requested	object
<b>is_manual_due_date</b> optional		integer
<b>owner</b> optional	Owner data returned when shaping=owner is requested	object
<b>priority</b> optional	hd_priority data returned when shaping=priority is requested	object
<b>resolution</b> optional		string
<b>status</b> optional	hd_status data returned when shaping=status is requested	object
<b>submitter</b> optional	Owner data returned when shaping=submitter is requested	object
<b>summary</b> optional		string
<b>title</b> optional		string

## hd\_ticket\_change

Name	Description	Schema
<b>attachments</b> optional	attachment metadata returned when shaping=attachments requested	< object > array
<b>hd_ticket_id</b> optional		integer
<b>id</b> optional		integer
<b>owners_only</b> optional		integer

Name	Description	Schema
<b>user</b> optional	user data returned when shaping=user is requested	object
<b>user_id</b> optional		integer

## hd\_work

Name	Description	Schema
<b>hd_ticket_id</b> optional		integer
<b>id</b> optional		integer
<b>note</b> optional		string
<b>user</b> optional	user data returned when shaping=user is requested	object
<b>user_id</b> optional		integer
<b>voided_by</b> optional		integer

## machine

Name	Schema
<b>id</b> optional	integer
<b>name</b> optional	string
<b>user</b> optional	string

## statistics\_request

Name	Schema
<b>filtering</b> optional	string
<b>paging</b> optional	string
<b>shaping</b> optional	string

## statistics\_response

Name	Schema
<b>filtering</b> optional	string
<b>paging</b> optional	string
<b>result</b> optional	< object > array
<b>shaping</b> optional	string

## user

Name	Schema
<b>api_enabled</b> optional	integer
<b>archived_by</b> optional	integer
<b>budget_code</b> optional	string
<b>device_count</b> optional	integer
<b>domain</b> optional	string
<b>email</b> optional	string
<b>full_name</b> optional	string
<b>hd_default_queue_id</b> optional	integer
<b>hd_default_view</b> optional	string
<b>home_phone</b> optional	string
<b>id</b> optional	integer
<b>is_archived</b> optional	integer
<b>ldap_uid</b> optional	string
<b>level</b> optional	integer
<b>linked_appliance_id</b> optional	integer
<b>locale_browser_id</b> optional	integer
<b>location_id</b> optional	integer

Name	Schema
<b>manager_id</b> optional	integer
<b>mobile_phone</b> optional	string
<b>pager_phone</b> optional	string
<b>password</b> optional	string
<b>path</b> optional	string
<b>permissions</b> optional	integer
<b>primary_device_id</b> optional	integer
<b>role_id</b> optional	integer
<b>sales_notifications</b> optional	integer
<b>security_notifications</b> optional	integer
<b>user_name</b> optional	string
<b>work_phone</b> optional	string

## KACE SMA Service Desk API Examples

This section provides examples for adding attachments to Service Desk tickets using the KACE SMA API.

### Upload an attachment as a ticket change:

Start by executing a `multipart/form-data` request on the ticket. In the `Tickets` section the array of one ticket object with the ticket updates includes the `change` group that has the requirements for the ticket change. The `attachmentSet` field inside the `change` group declares what parts to pull in as attachments for the ticket. The brackets in the name of the attachment part (`"INVENTORY_FILE[]"`) allow you us to have multiple parts with the same name, so you can embed up to five attachments in one ticket change.

### Determine what attachments are available with a ticket:

```
GET /api/service_desk/tickets/{ticket ID}/changes?shaping=attachments limited
```

### Retrieve an attachment:

To retrieve an attachment, you must provide the ticket ID, change ID, and attachment ID. These values can be obtained using the above example, [Determine what attachments are available with a ticket](#).

```
GET /api/service_desk/tickets/{ticket ID}/changes/{change ID}/attachments/{attachment ID}
```

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- Chat with support engineers online
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KACE Systems Management Appliance API Reference Guide

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