

# Savior Swagger

Savior Swagger API documentation

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TBD

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## Access

## Methods

[ [Jump to Models](#) ]

## Table of Contents

### [Default](#)

- [POST /admin/user/{username}/assign/{templateId}](#).
- [POST /admin/securityGroup/template/{templateId}/authorize](#)
- [DELETE /admin/permission/{sourceId}/{destId}](#).
- [POST /admin/fileSystem](#)
- [POST /admin/application](#)
- [POST /admin/virtue/template](#)
- [POST /admin/user](#)
- [POST /user/virtue/template/{templateId}](#).
- [GET /admin/createvirtue/type/{templateId}](#).
- [POST /admin/virtualMachine/template](#)
- [DELETE /admin/application/{id}](#).
- [DELETE /admin/securityGroup/id/{groupId}](#).
- [DELETE /admin/securityGroup/template/{templateId}](#).
- [DELETE /admin/fileSystem/{fileSystemId}](#).
- [DELETE /admin/icon/{iconKey}](#).
- [DELETE /admin/storage/{user}/{virtueTemplateId}](#).
- [GET /admin/deletevirtue/instance/{instanceId}](#).
- [DELETE /user/virtue/{virtueId}](#).
- [DELETE /admin/virtue/template/{id}](#).
- [DELETE /admin/virtualMachine/template/{id}](#).
- [GET /admin/export/user](#)
- [GET /admin/export/virtue/template](#)
- [GET /admin/export](#)
- [GET /admin/export/all](#)
- [GET /admin/export/user/{username}](#).
- [GET /admin/export/virtualMachine/template/{templateId}](#).
- [GET /admin/export/virtue/template/{templateId}](#).
- [GET /admin/user/active](#)
- [GET /admin/virtues/{id}](#).
- [GET /admin/virtues](#)
- [GET /admin/application](#)
- [GET /admin/fileSystem](#)
- [GET /admin/icon](#)
- [GET /admin/permissions](#)
- [GET /admin/securityGroup](#)
- [GET /admin/session](#)
- [GET /admin/storage](#)
- [GET /admin/user](#)

- [GET /admin/virtue/template](#)
- [GET /user/virtue/template](#)
- [GET /admin/virtualMachine/template](#)
- [GET /admin/vm](#)
- [GET /user/application/{appId}](#)
- [GET /admin/application/{id}](#)
- [GET /admin/fileSystem/{fileSystemId}](#)
- [GET /admin/securityGroup/template/{templateId}](#)
- [GET /admin/icon/{iconKey}](#)
- [POST /login](#)
- [GET /logout](#)
- [GET /admin/permission/{sourceId}/{destId}](#)
- [GET /admin/securityGroup/id/{groupId}](#)
- [GET /admin/permission/{sourceId}](#)
- [GET /admin/storage/{user}/{virtueTemplateId}](#)
- [GET /admin/storage/{user}](#)
- [GET /admin/session/{sessionId}](#)
- [GET /admin/user/{username}](#)
- [GET /user/virtue/{virtueId}](#)
- [GET /user/virtue](#)
- [GET /admin/virtue/template/{id}](#)
- [GET /user/virtue/template/{templateId}](#)
- [GET /admin/vm/{id}](#)
- [GET /admin/virtualMachine/template/{id}](#)
- [GET /admin/import/all](#)
- [GET /admin/import/{type}/{name}](#)
- [POST /admin/import](#)
- [DELETE /admin/session/{sessionId}](#)
- [POST /user/virtue/{virtueId}](#)
- [GET /admin/user/{username}/logout](#)
- [GET /admin/vm/reboot/{id}](#)
- [DELETE /admin/user/{username}](#)
- [POST /admin/securityGroup/template/{templateId}/revoke](#)
- [POST /admin/user/{username}/revoke/{templateId}](#)
- [PUT /admin/fileSystem/{fileSystemId}/setStatus](#)
- [POST /admin/permission/{sourceId}/{destId}](#)
- [GET /admin/permission/default/{option}](#)
- [PUT /admin/user/{username}/setStatus](#)
- [PUT /admin/virtualMachine/template/{id}/setStatus](#)
- [PUT /admin/virtue/template/{id}/setStatus](#)
- [POST /user/virtue/{virtueId}/{applicationId}](#)
- [POST /user/virtue/{virtueId}/stop](#)
- [PUT /admin/application/{templateId}](#)
- [PUT /admin/fileSystem/{fileSystemId}](#)
- [PUT /admin/user/{username}](#)
- [PUT /admin/virtue/template/{id}](#)
- [PUT /admin/virtualMachine/template/{id}](#)
- [PUT /admin/icon/{iconKey}](#)

## Default

**POST /admin/user/{username}/assign/{templateId}**

[Up](#)

Assign virtue template to user. (assignTemplateToUser)

Will add the virtue template associated with the template ID to the user associated by the username.

Path parameters

**username (required)**

*Path Parameter —*

**templateId (required)**

*Path Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

**default**

default response

---

**POST /admin/securityGroup/template/{templateId}/authorize** [Up](#)

Adds single network security group permission for a virtue template. (**authorizePermissionFromTemplate**)

Adds a single security group permission to a virtue template's security group.

## Path parameters

**templateId (required)**

*Path Parameter —*

## Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

## Request body

body [SecurityGroupPermission](#) (optional)

*Body Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

**default**

default response

---

**DELETE /admin/permission/{sourceId}/{destId}** [Up](#)

Delete clipboard permission. (**clearPermission**)

Clears the clipboard permission for the given source ID and destination ID. Source and destination IDs are virtue template IDs.

## Path parameters

**sourceId (required)**

*Path Parameter —*

**destId (required)**

*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

**default**

default response

---

## POST /admin/fileSystem [Up](#)

Creates metadata for a shared file system. (**createFileSystem**)

Creates the metadata for a shared file system (I.E. Samba share).

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

body [FileSystem](#) (optional)

*Body Parameter —*

### Return type

[FileSystem](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [FileSystem](#)

---

## POST /admin/application [Up](#)

Create new application (**createNewApplicationDefinition**)

Creates and returns and new application definition. Some values in the ApplicationDefinition structure will be ignored I.E. id, updated and created entries.

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

body [ApplicationDefinition](#) (optional)

*Body Parameter —*

### Return type

[ApplicationDefinition](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [ApplicationDefinition](#)

---

## POST /admin/virtue/template

[Up](#)

Create Virtue Template. ([createNewVirtueTemplate](#))

Creates a new virtue template from the request body.

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

body [VirtueTemplate](#) (optional)

*Body Parameter —*

### Return type

[VirtueTemplate](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [VirtueTemplate](#)

---

## POST /admin/user

[Up](#)

Create or update user. ([createUpdateUser](#))

Creates or updates a user defined by the request body. If a username with a matching username exists, that user will be updated, otherwise a new user will be created.

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

body [VirtueUser](#) (optional)

*Body Parameter —*

### Return type

[VirtueUser](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [VirtueUser](#)

---

**POST** /user/virtue/template/{templateId}

[Up](#)

create virtue instance. ([createVirtue](#))

Creates a virtue instance from a virtue template for the user making the request.s

### Path parameters

**templateId (required)**

*Path Parameter* —

### Return type

[VirtueInstance](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [VirtueInstance](#)

---

**GET** /admin/createvirtue/type/{templateId}

[Up](#)

Provision virtue ([createVirtueFromTemplate](#))

Creates and starts the provisioning process of a virtue template into a virtue instance.

### Path parameters

**templateId (required)**

*Path Parameter* —

### Return type

[VirtueInstance](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [VirtualInstance](#)

---

## POST /admin/virtualMachine/template [Up](#)

Create virtual machine template (**createVmTemplate**)

Creates a virtual machine template from the structure sent. Some entries will be automatically filled by the server. (ID, created, updated fields)

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

body [VirtualMachineTemplate](#) (optional)

*Body Parameter —*

### Return type

[VirtualMachineTemplate](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [VirtualMachineTemplate](#)

---

## DELETE /admin/application/{id} [Up](#)

Delete application definition. (**deleteApplicationDefinitions**)

Deletes the given application definition from the database. Will fail if the application definition exists in an existing virtual machine template or virtual machine.

### Path parameters

id (required)

*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

default

default response

---

## DELETE /admin/securityGroup/id/{groupId} [Up](#)

Deletes the network security group by security group ID. (**deleteByGroupId**)

Deletes the security group by security group ID.

### Path parameters

**groupId (required)**  
*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

**default**  
default response

---

**DELETE /admin/securityGroup/template/{templateId}**

[Up](#)

Deletes the network security group for a virtue template. (**deleteByTemplateId**)

Deletes the security group from a virtue template's.

### Path parameters

**templateId (required)**  
*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

**default**  
default response

---

**DELETE /admin/fileSystem/{fileSystemId}**

[Up](#)

Delete metadata for a shared file system. (**deleteFileSystem**)

Deletes the metadat for a shared file system (I.E. Samba share).

### Path parameters

**fileSystemId (required)**  
*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

**default**  
default response



## DELETE /admin/icon/{iconKey}

[Up](#)

Delete an icon. (**deleteIcon**)

Deletes an icon associated with the given icon key.

### Path parameters

**iconKey (required)**

*Path Parameter* —

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

**default**

default response

## DELETE /admin/storage/{user}/{virtueTemplateId}

[Up](#)

Delete persistent storage entries for a user and virtue template. (**deletePersistentStorage**)

Deletes a persistent storage entry for the given user and virtue template ID.

### Path parameters

**user (required)**

*Path Parameter* —

**virtueTemplateId (required)**

*Path Parameter* —

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

**default**

default response

## GET /admin/deletevirtue/instance/{instanceId}

[Up](#)

Delete virtue instance. (**deleteVirtue**)

Deletes the virtue instance associated with the given ID.

### Path parameters

**instanceId (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

default

default response

---

**DELETE** /user/virtue/{virtueId}

[Up](#)

Delete active virtue. (**deleteVirtue1**)

Delete all the virtual machines in an existing virtue given by the virtue ID and remove the virtue instance.

## Path parameters

**virtueId (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response

---

**DELETE** /admin/virtue/template/{id}

[Up](#)

Delete virtue template. (**deleteVirtueTemplate**)

Delete virtue template associated with the given ID. Request will fail if there exist users associated with the virtue template.

## Path parameters

**id (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

default

default response

---

**DELETE** /admin/virtualMachine/template/{id}

[Up](#)

Delete virtual machine template (**deleteVmTemplate**)

Deletes the virtual machine template associated with the given ID. The request will fail if there exist virtue templates associated with the virtual machine template.

## Path parameters

**id (required)**

*Path Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

**default**

default response

---

## GET /admin/export/user

[Up](#)

Export all users to zip. (**exportAllUsers**)

Exports all users to a zip file. This export traverses the user to include virtue templates, virtual machine templates, applications, icons and disk images to a zip file. Each type is stored in its own directory. Since this export contains images, it may take a long time to download.

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/zip

## Responses

**default**

default response

---

## GET /admin/export/virtue/template

[Up](#)

Export all virtue templates to zip. (**exportAllVirtuesZipped**)

Exports all virtue templates to a zip file. This export traverses the virtue templates to include virtual machine templates, applications, icons and disk images to a zip file. Each type is stored in its own directory. Since this export contains images, it may take a long time to download.

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/zip

## Responses

**default**

default response

---

## GET /admin/export

[Up](#)

Export system to stream. (**exportSystem**)

Exports the entire system metadata for users, virtues templates, virtual machines templates, and applications (does not include disk images) to a internally defined format to be used for import.

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response

---

## GET /admin/export/all

[Up](#)

Export active system to zip. (**exportSystemZipped**)

Exports all users to a zip file. This export traverses the users to include virtue templates, virtual machine templates, applications, icons and disk images to a zip file. Each type is stored in its own directory. Since this export contains images, it may take a long time to download.

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/zip

### Responses

default

default response

---

## GET /admin/export/user/{username}

[Up](#)

Export a single users to zip. (**exportUser**)

Exports a single users to a zip file. This export traverses the user to include virtue templates, virtual machine templates, applications, icons and disk images to a zip file. Each type is stored in its own directory. Since this export contains images, it may take a long time to download.

### Path parameters

**username (required)**

*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/zip

### Responses

default

default response

---

## GET /admin/export/virtualMachine/template/{templateId}

[Up](#)

Export virtual machine template to zip. (**exportVirtualMachineZipped**)

Exports virtual machine template to a zip file. This export traverses the virtual machine template to include applications, icons and disk images to a zip file. Each type is stored in its own directory. Since this export contains images, it may take a long time to download.

### Path parameters

**templateId (required)**

*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/zip

### Responses

**default**

default response

---

**GET /admin/export/virtue/template/{templateId}**

[Up](#)

Export virtue template to zip. (**exportVirtueTemplate**)

Exports a virtue template to a zip file. This export traverses the virtue template to include virtual machine templates, applications, icons and disk images to a zip file. Each type is stored in its own directory. Since this export contains images, it may take a long time to download.

### Path parameters

**templateId (required)**

*Path Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/zip

### Responses

**default**

default response

---

**GET /admin/user/active**

[Up](#)

Get all active users. (**getActiveUsers**)

Returns a list of users who are considered active. Users are considered active if they have an active session.

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [Object](#)

---

## GET /admin/virtues/{id}

Up

Get virtue instance. (**getActiveVirtue**)

Returns a single virtue instance associated with the given ID.

### Path parameters

**id (required)**  
*Path Parameter* —

### Return type

[VirtueInstance](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [VirtueInstance](#)

---

## GET /admin/virtues

Up

Get all virtue instances (**getAllActiveVirtues**)

Returns a list of virtue instances which are optionally filtered by user.

### Query parameters

**user (optional)**  
*Query Parameter* —

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [Object](#)

---

## GET /admin/application

Up

Get all application definitions in the system. (**getAllApplicationDefinitions**)

Returns a list of all the application definitions in the system.

### Return type

Object

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [Object](#)

---

## GET /admin/fileSystem

[Up](#)

Get all shared file systems. (**getAllFileSystems**)

Returns a list of all the metadata for a shared file systems(I.E. Samba share) on the system.

## Return type

Object

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [Object](#)

---

## GET /admin/icon

[Up](#)

Get all icon keys. (**getAllIconKeys**)

Returns a list of all the icon keys defined by the system.

## Return type

array[String]

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response

---

## GET /admin/permissions

[Up](#)

Get all clipboard permissions. (**getAllPermissions**)

Returns a list of all the available clipboard permissions. Permissions contain an heirarchy where if no permission is explicitly set, a higher permission will take its place. The heirarchy is system default, source default, and then source/destination combination. All permissions will be returned by default. If the query parameter 'raw' is true, then only permissions that are explicitly set are returned.

## Query parameters

raw (optional)  
Query Parameter —

## Return type

Object

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [Object](#)

---

## GET /admin/securityGroup

[Up](#)

Get all network security group permissions. ([getAllSecurityGroupsAndPermissions](#))

Returns a list of all network security group permissions in the system.

## Return type

Map

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response

---

## GET /admin/session

[Up](#)

Get all sessions. ([getAllSessions](#))

Returns a list of all sessions currently active in the system.

## Return type

Map

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response

---

## GET /admin/storage

[Up](#)

Get all persistent storage. ([getAllStorage](#))



Returns a list of all persistent storage entries in the system.

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [Object](#)

---

## GET /admin/user

[Up](#)

Get all users. (**getAllUsers**)

Returns a list of all the users in the system.

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [Object](#)

---

## GET /admin/virtue/template

[Up](#)

Get all virtue templates. (**getAllVirtueTemplates**)

Returns a list of all the virtue templates in the system.

### Query parameters

**user (optional)**

*Query Parameter* —

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [Object](#)

---

## GET /user/virtue/template

Up

Get virtue templates. (`getAllVirtueTemplatesByUser`)

Returns a list of all virtue templates available for the user making the request.

### Return type

array[[VirtueTemplate](#)]

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response

## GET /admin/virtualMachine/template

Up

Get all virtual machine templates. (`getAllVmTemplates`)

Returns a list of all the virtual machine template metadata for the system.

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [Object](#)

## GET /admin/vm

Up

Get all virtual machines. (`getAllVms`)

Returns a list of all metadata for active virtual machines.

### Return type

Object

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [Object](#)

## GET /user/application/{appId}

Up

---

## Get application definition (**getApplicationById**)

Gets a specific application definition based on the ID in the path.

### Path parameters

**appId (required)**  
*Path Parameter* —

### Return type

[ApplicationDefinition](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [ApplicationDefinition](#)

---

## GET /admin/application/{id}

[Up](#)

## Get application definition (**getApplicationDefinition**)

Gets a specific application definition based on the ID in the path.

### Path parameters

**id (required)**  
*Path Parameter* —

### Return type

[ApplicationDefinition](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [ApplicationDefinition](#)

---

## GET /admin/fileSystem/{fileSystemId}

[Up](#)

## Get metadata for a shared file system. (**getFileSystem**)

Returns the metadata for a shared file system (I.E. Samba share).

### Path parameters

**fileSystemId (required)**  
*Path Parameter* —

### Return type

## [FileSystem](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

#### default

default response [FileSystem](#)

---

## GET /admin/securityGroup/template/{templateId}

[Up](#)

Get network security group permissions for a virtue template. ([getGroupIdByTemplate](#))

Returns a list of all network security group permissions for a virtue template ID.

### Path parameters

#### templateId (required)

*Path Parameter* —

### Return type

array[[SecurityGroupPermission](#)]

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

#### default

default response

---

## GET /admin/icon/{iconKey}

[Up](#)

Get application icon. ([getIcon](#))

Returns an application icon associated with the given icon key. If the icon key does not exist, the default will be returned.

### Path parameters

#### iconKey (required)

*Path Parameter* —

### Return type

array[byte[]]

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- image/png
- image/jpeg

### Responses

#### default

default response

---

## POST /login

[Up](#)

Login. (**getLogin**)

Login endpoint.

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/x-www-form-urlencoded

### Form parameters

**username (optional)**

*Form Parameter* —

**password (optional)**

*Form Parameter* —

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/html

### Responses

**default**

default response

---

## GET /logout

[Up](#)

Logout current session. (**getLogout**)

Logout existing session.

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain

### Responses

**default**

default response

---

## GET /admin/permission/{sourceId}/{destId}

[Up](#)

Get clipboard permission. (**getPermission**)

Returns the clipboard permission for the given source ID and destination ID. Source and destination IDs are virtue template IDs.

### Path parameters

**sourceId (required)**

*Path Parameter* —

**destId (required)**

*Path Parameter —*

## Query parameters

**raw (optional)**

*Query Parameter —*

## Return type

[ClipboardPermission](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

**default**

default response [ClipboardPermission](#)

---

**GET /admin/securityGroup/id/{groupId}**

[Up](#)

Get network security group permissions for a single security group. ([getPermissionsByGroupId](#))

Returns a list of all network security group permissions for a security group ID.

## Path parameters

**groupId (required)**

*Path Parameter —*

## Return type

array[[SecurityGroupPermission](#)]

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

**default**

default response

---

**GET /admin/permission/{sourceId}**

[Up](#)

Get default permission for source. ([getPermissionsForSource](#))

Returns the clipboard permission for the given source ID. This permission will be used if a specific source and destination combination for this source is not explicitly defined. Source and destination IDs are virtue template IDs.

## Path parameters

**sourceId (required)**

*Path Parameter —*

## Query parameters

**raw (optional)**

*Query Parameter* —

## Return type

array[[ClipboardPermission](#)]

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

**default**

default response

---

**GET /admin/storage/{user}/{virtueTemplateId}**

[Up](#)

Get persistent storage entries for a user and virtue template. ([getPersistentStorage](#))

Returns a persistent storage entry for the given user and virtue template ID.

## Path parameters

**user (required)**

*Path Parameter* —

**virtueTemplateId (required)**

*Path Parameter* —

## Return type

[VirtuePersistentStorage](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

**default**

default response [VirtuePersistentStorage](#)

---

**GET /admin/storage/{user}**

[Up](#)

Get persistent storage entries for a user. ([getPersistentStorageForUser](#))

Returns a list of all persistent storage entries for the given user.

## Path parameters

**user (required)**

*Path Parameter* —

## Return type

Object

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [Object](#)

---

## GET /admin/session/{sessionId}

[Up](#)

Get session. ([getSession](#))

Returns metadata for a session associated with the given sessionId or token.

### Path parameters

**sessionId (required)**

*Path Parameter* —

### Return type

[VirtueSession](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [VirtueSession](#)

---

## GET /admin/user/{username}

[Up](#)

Get user. ([getUser](#))

Returns user data associated with given username.

### Path parameters

**username (required)**

*Path Parameter* —

### Return type

[VirtueUser](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [VirtueUser](#)

---



## GET /user/virtue/{virtueId}

[Up](#)

Get active virtue instance. (**getVirtueInstance**)

Returns an active virtue instance by ID if virtue instance is owned by user making the request.

### Path parameters

**virtueId (required)**

*Path Parameter* —

### Return type

[VirtueInstance](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [VirtueInstance](#)

---

## GET /user/virtue

[Up](#)

Get all active virtue instances. (**getVirtueInstances**)

Returns a list of all virtue instances owned by the user making the request.

### Return type

array[[VirtueInstance](#)]

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response

---

## GET /admin/virtue/template/{id}

[Up](#)

Get virtue template (**getVirtueTemplate**)

Returns a single virtue template associated with the given ID.

### Path parameters

**id (required)**

*Path Parameter* —

### Return type

[VirtueTemplate](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [VirtueTemplate](#)

---

## GET /user/virtue/template/{templateId}

[Up](#)

Get virtue template. (`getVirtueTemplateByUser`)

Returns a virtue template if available for the user making the request.

## Path parameters

**templateId (required)**

*Path Parameter —*

## Return type

[VirtueTemplate](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [VirtueTemplate](#)

---

## GET /admin/vm/{id}

[Up](#)

Get virtual machine. (`getVm`)

Returns the metadata for a single virtual machine.

## Path parameters

**id (required)**

*Path Parameter —*

## Return type

[VirtualMachine](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [VirtualMachine](#)

---

## GET /admin/virtualMachine/template/{id}

[Up](#)

Get virtual machine template. (**getVmTemplate**)

Returns the virtual machine template metadata for the given virtual machine template ID.

### Path parameters

**id (required)**

*Path Parameter* —

### Return type

[VirtualMachineTemplate](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [VirtualMachineTemplate](#)

---

## GET /admin/import/all

[Up](#)

Import all test objects (**importAll**)

Imports all test objects in the system.

### Return type

String

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain

### Responses

**default**

default response [String](#)

---

## GET /admin/import/{type}/{name}

[Up](#)

Import test objects (**importItem**)

Imports test objects from internal system into database. When objects require other objects (I.E. virtue templates require virtual machine templates), the required objects will also be imported. Objects can be of type: user, application, virtue, virtualmachines. Users include admin, alice, bob. Virtue templates include document\_editor, external\_internet\_consumer, linux\_corporate\_email\_user, linux\_test\_devel, power\_user, router\_admin, windows\_corporate\_email\_user, windows\_test\_devel. Virtual machine templates include external\_internet\_consumer, linux\_all, linux\_corporate\_email\_user, linux\_power\_user, linux\_router\_admin, linux\_lo\_impress, windows\_all, windows\_corporate\_email\_user, windows\_document\_editor, windows\_power\_user. Applications include linux\_calc, linux\_chrome, linux\_firefox, linux\_lo\_calc, linux\_lo\_draw, linux\_lo\_impress, linux\_lo\_writer, linux\_terminal, linux\_thunderbird, windows\_chrome, windows\_cmd, windows\_edge, windows\_excel, windows\_outlook, windows\_powershell, windows\_skype, windows\_word

### Path parameters

**type (required)**  
*Path Parameter* —

**name (required)**  
*Path Parameter* —

## Return type

String

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- text/plain

## Responses

**default**

default response [String](#)

---

## POST /admin/import

[Up](#)

Import system from stream (**importSystem**)

Imports the system metadata from a provided stream file. This format is the same as the Export system to stream.

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [object](#) (optional)

*Body Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

**default**

default response

---

## DELETE /admin/session/{sessionId}

[Up](#)

Invalidate session. (**invalidateSession**)

Invalidates a single session based on the provided session ID.

## Path parameters

**sessionId (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

default

default response

---

## POST /user/virtue/{virtueId}

[Up](#)

Launch active virtue. (**launchVirtue**)

Launch or start all the virtual machines in an existing virtue given by the virtue ID.

## Path parameters

**virtueId (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response

---

## GET /admin/user/{username}/logout

[Up](#)

Force user logout. (**logoutUser**)

Forces all sessions for the given user to be logged out. This will include desktop application sessions as well as workbench sessions. The user will then have to log back in.

## Path parameters

**username (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

default

default response

---

## GET /admin/vm/reboot/{id}

[Up](#)

Reboot virtual machine. (**rebootVm**)

Reboots a single virtual machine associated with the given ID.

## Path parameters

**id (required)**

*Path Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

**default**

default response

---

**DELETE /admin/user/{username}**

[Up](#)

Delete user. (**removeUser**)

Deletes the user associated with the given username.

## Path parameters

**username (required)**

*Path Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

**default**

default response

---

**POST /admin/securityGroup/template/{templateId}/revoke**

[Up](#)

Remove single network security group permission from a virtue template. (**revokePermissionForTemplate**)

Removes a single security group permission from a virtue template's security group.

## Path parameters

**templateId (required)**

*Path Parameter —*

## Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

## Request body

body [SecurityGroupPermission](#) (optional)

*Body Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

default

default response

---

**POST** /admin/user/{username}/revoke/{templateId}

[Up](#)

revoke virtue template from the user. (**revokeTemplateToUser**)

Will remove the virtue template associated with the template ID from the user associated by the username.

## Path parameters

**username (required)**

*Path Parameter —*

**templateId (required)**

*Path Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

default

default response

---

**PUT** /admin/fileSystem/{fileSystemId}/setStatus

[Up](#)

Enable/disable a shared file system. (**setFileSystemStatus**)

Enables/disables a shared file system (I.E. Samba share).

## Path parameters

**fileSystemId (required)**

*Path Parameter —*

## Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

## Request body

**body [boolean](#) (required)**

*Body Parameter —*

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

### default

default response

---

## POST /admin/permission/{sourceId}/{destId}

[Up](#)

Set clipboard permission. (**setPermission**)

Sets the clipboard permission from the request body for the given source ID and destination ID. Source and destination IDs are virtue template IDs.

### Path parameters

**sourceId (required)**

*Path Parameter* —

**destId (required)**

*Path Parameter* —

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

**body [string](#) (required)**

*Body Parameter* —

### Return type

String

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

### default

default response [String](#)

---

## GET /admin/permission/default/{option}

[Up](#)

Set system default clipboard permission. (**setServiceDefaultPermission**)

Sets the clipboard permission default for the system.

### Path parameters

**option (required)**

*Path Parameter* — Clipboard permission option

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*



## Responses

### default

default response

---

## PUT /admin/user/{username}/setStatus

[Up](#)

Enable/disable user. (**setUserStatus**)

For the user associated with given username, will enable or disable the user if the request body is true or false respectively.

### Path parameters

**username (required)**

*Path Parameter* —

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

**body [string](#) (optional)**

*Body Parameter* —

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

### default

default response

---

## PUT /admin/virtualMachine/template/{id}/setStatus

[Up](#)

Enable/disable virtual machine template. (**setVirtualMachineTemplateStatus**)

Sets the virtual machine template with the given ID enabled flag to true or false based on the body text.

### Path parameters

**id (required)**

*Path Parameter* —

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

**body [string](#) (optional)**

*Body Parameter* —

### Return type

## [VirtualMachineTemplate](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [VirtualMachineTemplate](#)

---

## PUT /admin/virtue/template/{id}/setStatus

[Up](#)

Enable/disable virtue template. (**setVirtueTemplateStatus**)

Sets the virtue template with the given ID enabled flag to true or false based on the body text.

### Path parameters

**id (required)**

*Path Parameter* —

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

**body [string](#) (optional)**

*Body Parameter* —

### Return type

[VirtueTemplate](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

default

default response [VirtueTemplate](#)

---

## POST /user/virtue/{virtueId}/{applicationId}

[Up](#)

Start virtue application. (**startApplication**)

Attempt to start an application given by application ID on a virtue instance given by virtuelId.

### Path parameters

**virtuelId (required)**

*Path Parameter* —

**applicationId (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response

---

## POST /user/virtue/{virtueId}/stop

[Up](#)

Stop active virtue. (**stopVirtue**)

Stop all the virtual machines in an existing virtue given by the virtue ID.

## Path parameters

**virtueId (required)**

*Path Parameter* —

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response

---

## PUT /admin/application/{templateId}

[Up](#)

Update an application definition (**updateApplicationDefinitions**)

Pass in an application definition to update an existing application definition. Sending the ID in the structure is not necessary.

## Path parameters

**templateId (required)**

*Path Parameter* —

## Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

## Request body

body [ApplicationDefinition](#) (optional)

*Body Parameter* —

## Return type

[ApplicationDefinition](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

### default

default response [ApplicationDefinition](#)

---

## PUT /admin/fileSystem/{fileSystemId}

[Up](#)

Updates metadata for a shared file system. (**updateFileSystem**)

Updates the metadata for a shared file system (I.E. Samba share).

## Path parameters

**fileSystemId (required)**

*Path Parameter —*

## Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

## Request body

body [FileSystem](#) (optional)

*Body Parameter —*

## Return type

[FileSystem](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

### default

default response [FileSystem](#)

---

## PUT /admin/user/{username}

[Up](#)

Update user. (**updateUser**)

Updates a user based on the username included in the path.

## Path parameters

**username (required)**

*Path Parameter —*

## Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

## Request body

body [VirtueUser](#) (optional)  
*Body Parameter* —

## Return type

[VirtueUser](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [VirtueUser](#)

---

**PUT** /admin/virtue/template/{id}

[Up](#)

Update virtue template. ([updateVirtueTemplate](#))

Updates a virtue template associated with the ID in the path based on the request body.

## Path parameters

id (required)  
*Path Parameter* —

## Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

## Request body

body [VirtueTemplate](#) (optional)  
*Body Parameter* —

## Return type

[VirtueTemplate](#)

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

## Responses

default

default response [VirtueTemplate](#)

---

**PUT** /admin/virtualMachine/template/{id}

[Up](#)

Update virtual machine template, ([updateVmTemplate](#))

Updates a virtual machine template for the ID given in the path.

## Path parameters

**id (required)**  
*Path Parameter —*

### Consumes

This API call consumes the following media types via the Content-Type request header:

- \*/\*

### Request body

body [VirtualMachineTemplate](#) (optional)  
*Body Parameter —*

### Return type

[VirtualMachineTemplate](#)

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

### Responses

**default**

default response [VirtualMachineTemplate](#)

---

**PUT /admin/icon/{iconKey}**

[Up](#)

Upload an application icon (**uploadIcon**)

Uploads an application icon to a given icon key. The icon key here needs to match the applications icon key.

### Path parameters

**iconKey (required)**  
*Path Parameter —*

### Consumes

This API call consumes the following media types via the Content-Type request header:

- multipart/form-data

### Form parameters

**file (optional)**  
*Form Parameter —*

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

**default**

default response

---

## Models

[ [Jump to Methods](#) ]

## Table of Contents

1. [ApplicationDefinition](#)
2. [ClipboardPermission](#)
3. [FileSystem](#)
4. [FormDataContentDisposition](#)
5. [GrantedAuthority](#)
6. [SecurityGroupPermission](#)
7. [VirtualMachine](#)
8. [VirtualMachineTemplate](#)
9. [VirtueInstance](#)
10. [VirtuePersistentStorage](#)
11. [VirtueSession](#)
12. [VirtueTemplate](#)
13. [VirtueUser](#)
14. [WhitelistedNetwork](#)
15. [body](#)
16. [body\\_1](#)

### ApplicationDefinition

[Up](#)

Describes an application and how to execute the application.

**id (optional)**

[String](#) the application id

**name (optional)**

[String](#) the application name

**version (optional)**

[String](#) the version of this application

**os (optional)**

[String](#) Descriptor for which Operating System is being used for a virtual machine or application.

Enum:

*LINUX*

*WINDOWS*

*MAC*

**launchCommand (optional)**

[String](#) command used to launch the application

**iconKey (optional)**

[String](#) key to find the icon for the application

**parameters (optional)**

[String](#) parameters for a specific use of the application. This entry does not get saved in the database and is only used for default applications.

**tags (optional)**

[array\[String\]](#) Tags to represent extra information about an application. I.E. Can be used to specify as a browser to be used when a hyperlink is clicked via the 'BROWSER' tag.

### ClipboardPermission

[Up](#)

Controls permissions for cross virtue clipboard actions.

**sourceGroupId (optional)**

[String](#) ID of the source of the clipboard message. In Savior, this is the virtue template ID.

**destinationGroupId (optional)**

[String](#) ID of the destination of the clipboard message. In Savior, this is the virtue template ID.

**permission (optional)**

[\*String\*](#) The option for a clipboard message permission.

Enum:

*ALLOW*

*DENY*

*ASK*

**FileSystem**

[Up](#)

Represents an external file system, usually a windows share, that can be attached to the virtual machines of a virtue.

**id (optional)**

[\*String\*](#) ID of the given file system.

**address (optional)**

[\*String\*](#) Full path to the share. Typically in the format '\hostname\path\to\share'.

**name (optional)**

[\*String\*](#) Human readable name of the share.

**enabled (optional)**

[\*Boolean\*](#) Toggle to whether the share is enabled or not. May not be implemented.

**readPerm (optional)**

[\*Boolean\*](#) True/false for read permission to the share. May not be implemented.

**writePerm (optional)**

[\*Boolean\*](#) True/false for write permission to the share. May not be implemented.

**executePerm (optional)**

[\*Boolean\*](#) True/false for execute permission to the share. May not be implemented.

**FormDataContentDisposition**

[Up](#)

**type (optional)**

[\*String\*](#)

**parameters (optional)**

[\*Map\*](#)

**fileName (optional)**

[\*String\*](#)

**creationDate (optional)**

[\*Date\*](#) format: date-time

**modificationDate (optional)**

[\*Date\*](#) format: date-time

**readDate (optional)**

[\*Date\*](#) format: date-time

**size (optional)**

[\*Long\*](#) format: int64

**name (optional)**

[\*String\*](#)

**GrantedAuthority**

[Up](#)

Authorities or groups that the user is assigned to. These authorities ties to access to the savior system and not access to certain virtues.

**authority (optional)**



## SecurityGroupPermission

Network permission for a given virtue

**ingress (optional)**

[Boolean](#) True if the security group pertains to connections coming into the virtue, false if the connection is outgoing.

**fromPort (optional)**

[Integer](#) Port the connection came from. format: int32

**toPort (optional)**

[Integer](#) Port the connection came to. format: int32

**cidrIp (optional)**

[String](#) CIDR block of that the permission should pertain to.

**ipProtocol (optional)**

[String](#) Protocol for. Usually TCP or UDP.

**description (optional)**

[String](#) Human readable description of the purpose of this security group.

**securityGroupId (optional)**

[String](#) ID of the security group.

**templateId (optional)**

[String](#) Virtue template ID that this permission pertains to.

**key (optional)**

[String](#)

## VirtualMachine

Object to describe a virtual machine instance.

**id (optional)**

[String](#) ID of the virtual machine.

**name (optional)**

[String](#) Name of the virtual machine.

**state (optional)**

[String](#) Describes the status of the virtual machine.

Enum:

CREATING  
STOPPED  
LAUNCHING  
RUNNING  
PAUSING  
PAUSED  
RESUMING  
STOPPING  
DELETING  
ERROR  
DELETED

**os (optional)**

[String](#) Descriptor for which Operating System is being used for a virtual machine or application.

Enum:

LINUX  
WINDOWS  
MAC

**hostname (optional)**

[\*String\*](#) Hostname of virtual machine. If public IPs are used by the system, this will be the AWS public hostname.

**sshPort (optional)**

[\*Integer\*](#) Port the server has SSH exposed on. format: int32

**infrastructureId (optional)**

[\*String\*](#) ID used by the infrastructure system. Typically set by AWS or Xen.

**userName (optional)**

[\*String\*](#) Username to use to login to the virtual machine

**privateKey (optional)**

[\*String\*](#) Private key to access the virtual machine via ssh.

**privateKeyName (optional)**

[\*String\*](#) Name that maps to a private key stored via a key manager

**ipAddress (optional)**

[\*String\*](#) IP address of virtual machine. If public IPs are used by the system, this will be the AWS public IP address.

**applicationIds (optional)**

[\*array\[String\]\*](#) IDs for the applications that this virtual machine has available for the user.

**internalHostname (optional)**

[\*String\*](#) Hostname for the internal network that the virtual machine resides.

**internalIpAddress (optional)**

[\*String\*](#)

**VirtualMachineTemplate**

[Up](#)

Object to describe a virtual machine template. This is just metadata and does not include the image directly.

**id (optional)**

[\*String\*](#) ID of the virtual machine template. Typically set by the system.

**name (optional)**

[\*String\*](#) Name of the virtual machine template.

**os (optional)**

[\*String\*](#) Descriptor for which Operating System is being used for a virtual machine or application.

Enum:

*LINUX*

*WINDOWS*

*MAC*

**templatePath (optional)**

[\*String\*](#) Infrastructure specific path to the virtual machine template image. This value can be different depending on whether the virtual machine should be run directly in AWS (template path is AMI) or run on Xen (template path is path in S3 to image).

**loginUser (optional)**

[\*String\*](#) User to be used to login as.

**enabled (optional)**

[\*Boolean\*](#) Toggle for enabling or disabling the virtual machine. May not be implemented.

**lastModification (optional)**

[\*Date\*](#) Date of last modification for virtual machine template metadata. format: date-time

**lastEditor (optional)**

[\*String\*](#) Username of last editor of this virtual machine template metadata.

**applicationIds (optional)**

[\*array\[String\]\*](#) The list of application IDs that this template provides for the users.

**securityTag (optional)**

[\*String\*](#) Security tag used by Xen (linux VM's only) to determine how to setup the firewall. Options: god, power, TBD

**userCreatedBy (optional)**

[\*String\*](#) User who originally created this virtual machine template.

**timeCreatedAt (optional)**

[\*Date\*](#) Time at which this virtual machine was originally created. format: date-time

**VirtueInstance**[Up](#)

Object to describe a virtue instance that has been or is about to be provisioned

**id (optional)**

[\*String\*](#) ID of the virtue instance.

**name (optional)**

[\*String\*](#) Name of the virtue instance.

**username (optional)**

[\*String\*](#) Username of the user for which the virtue instance was created.

**templateId (optional)**

[\*String\*](#) The template ID for the virtue template that this virtue instance was created from.

**color (optional)**

[\*String\*](#) Color for which the virtue instance will be shown through the desktop application and workbench.

**state (optional)**

[\*String\*](#) Describes the status of the Virtue.

Enum:

*ERROR*  
*RUNNING*  
*RESUMING*  
*LAUNCHING*  
*CREATING*  
*PAUSED*  
*PAUSING*  
*STOPPING*  
*STOPPED*  
*DELETING*  
*DELETED*  
*UNPROVISIONED*

**virtualMachinesIds (optional)**

[\*array\[String\]\*](#) List of IDs for all the virtual machines that make up this virtue.

**applicationIds (optional)**

[\*array\[String\]\*](#) List of IDs for all the applications that are runnable in this virtue.

**templateId (optional)**

[\*String\*](#)

**VirtuePersistentStorage**[Up](#)

Description of storage for a user/virtue combination that will persist even when a virtue is destroyed.

**username (optional)**

[\*String\*](#) the user who this storage is assigned to.

**infrastructureId (optional)**

[\*String\*](#) Implementation specific ID for the storage related to the infrastructure. This is an AWS ID.

**virtueTemplateId (optional)**

[\*String\*](#) ID of the virtue template that this storage will be attached to when that template is provisioned into a virtue instance.

## VirtueSession

[Up](#)

Describes a session in virtue for a user.

**sessionId (optional)**

[\*String\*](#) ID for the session. Also the token for this session.

**username (optional)**

[\*String\*](#) User who owns this session.

**authorities (optional)**

[\*array\[GrantedAuthority\]\*](#) Authorities or groups that the user is assigned to. These authorities ties to access to the savior system and not access to certain virtues.

**lastRequest (optional)**

[\*Date\*](#) Date of the last request made on the session. format: date-time

**expired (optional)**

[\*Boolean\*](#) Boolean as whether or not the session has expired.

## VirtueTemplate

[Up](#)

Object to describe a virtue template.

**id (optional)**

[\*String\*](#) ID of the virtue template.

**name (optional)**

[\*String\*](#) Name of the virtue template.

**version (optional)**

[\*String\*](#) Version of the virtue template.

**enabled (optional)**

[\*Boolean\*](#) Boolean as to whether the virtue template is enabled and allowed to be provisioned. May not be implemented.

**lastModification (optional)**

[\*Date\*](#) Date of last modification for virtual machine template metadata. format: date-time

**lastEditor (optional)**

[\*String\*](#) Username of last editor of this virtual machine template metadata.

**userCreatedBy (optional)**

[\*String\*](#) User who originally created this virtual machine template.

**timeCreatedAt (optional)**

[\*Date\*](#) Time at which this virtual machine was originally created. format: date-time

**awsTemplateName (optional)**

[\*String\*](#) Unused

**color (optional)**

[\*String\*](#) Color for which the virtue instance will be shown through the desktop application and workbench.

**fileSystems (optional)**

[\*array\[FileSystem\]\*](#)

**allowedPasteTargetIds (optional)**

[\*array\[String\]\*](#) Unused

**networkWhitelist (optional)**

[\*array\[WhitelistedNetwork\]\*](#) Unused

**printerIds (optional)**

[array\[String\]](#) Unused

**filesystemIds (optional)**

[array\[String\]](#) List of IDs of the file systems that will be attached to the VMs when this virtue is provisioned.

**vmTemplateIds (optional)**

[array\[String\]](#) List of IDs of the virtual machine templates that will be provisioned when this virtue is provisioned.

**applicationIds (optional)**

[array\[String\]](#)

## VirtueUser

[Up](#)

User representation for the Savior system.

**username (optional)**

[String](#) Username for the user.

**authorities (optional)**

[array\[String\]](#) Authorities or groups that the user is assigned to. These authorities ties to access to the savior system and not access to certain virtues.

**virtueTemplateIds (optional)**

[array\[String\]](#) List of IDs of virtue templates for which the user has access to and can provision.

**enabled (optional)**

[Boolean](#) Boolean to determine whether the user is enabled or not. Disabled users should not be able to login.

## WhitelistedNetwork

[Up](#)

Unused

**host (optional)**

[String](#)

**localPort (optional)**

[Integer](#) format: int32

**remotePort (optional)**

[Integer](#) format: int32

## body

[Up](#)

**file (optional)**

[FormDataContentDisposition](#)

## body\_1

[Up](#)

**username (optional)**

[String](#)

**password (optional)**

[String](#)