TRUEFORT FORTRESS XDR™

API Guide
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API GUIDE

OVERVIEW

The following document contains a listing of the API calls TrueFort offers for the purposes of operation outside of TrueFort's interface, testing, automation, and external integration. Here, you’ll find reference information on this collection of APIs – from their destination URLs to the parameters and details needed to use them.

AGENTS

GET AGENT

Displays general information pertaining to a specified agent.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/agents/{agentid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>agentid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an agent to display information for</td>
<td>60b501a2-855b-3ac5-8051-7d6aedcb3d9d</td>
</tr>
</tbody>
</table>

Response Sample

```
{
    "agentid": "e674f188-3e03-3809-bac0-a7e1471180c5",
    "fqdn": "TestExternalAgentTh1",
    "ipAddress": "xxx.xx.xxx.x",
    "status": "REQUEST_GRANTED",
    "version": "2-300RC201",
    "groupid": "dd8bee80-ec68-11e9-b5d5-51343622e368",
    "createTime": "2019-11-11T16:54:17.314Z",
    "lastUpdate": "2019-11-11T16:54:17.314Z",
    "operatingSystem": "Linux",
    "osVersion": "7.2",
    "systemArchitecture": "",
    "opts": "{"PROPOSED_ROLE":"UNDEFINED"","TYPE":"AGENT","TAGS":"{\"role\":\"database\",\"ExternalTestThreadno\":\"Th1\"}"}
    ,
    "domain": "BUSHIDO-GENERAL"
}
```
Example

The following call would be used to display information pertaining to an agent with the agentid “60b501a2-855b-3ac5-8051-7d6aedcb3d9d”.

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agents/60b501a2-855b-3ac5-8051-7d6aedcb3d9d

GET ALL AGENTS

Displays a list of all the agents registered to the TrueFort appliance, along with their associated information.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/agents/all

Parameters

None

Response Sample

[
    {
        "agentid": "f63a7bfc-4db4-389f-b111-0669f6e01955",
        "fqdn": "/k8s_POD_frontend-74b4665db5-jh29c_default_7567f49e-35f9-11e9-8750-000c2994cd5e_0",
        "ipAddress": "xxx.x.xxx.xx",
        "status": "REQUEST_REGISTRATION",
        "version": "2-448",
        "groupid": "399fdd70-11e9-82c3-5d73f86a24ff",
        "createTime": "2019-02-25T20:40:38.000Z",
        "lastUpdate": "2019-03-08T17:37:29.000Z",
        "operatingSystem": "K8s.Gcr.Io/Pause:3.1",
        "osVersion": ",",
        "systemArchitecture": ",",
        "opts": 
            "{\"PROPOSED_ROLE\":\"UNDEFINED\",\".TYPE\":\"AGENT\"}",
            "domain": "kubernetes-node-01"
    }
]

Example

The following call would be used to display all of the agents registered to a TrueFort appliance at “xxx.x.xxx.xx”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agents/all

CREATE AGENT

Registers an agent to the TrueFort appliance.
POST https://<Appliance IP>/kotoba/rest/v1.0/agents/create

Request Body
{
  "agent": {
    "fqdn": "<fqdn>",
    "ipAddress": "<ipaddress>",
    "version": "<agentversion>",
    "operatingSystem": "<operatingsystem>",
    "osVersion": "<osversion>",

    "TAGS": {
      <tags>
    },
    "domain": "<domain>"
  },
  "properties": {
    <properties>
  },
  "restartAgent": <true/false>
}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>fqdn</td>
<td>Yes</td>
<td>UUID</td>
<td>FQDN of the agent to register.</td>
<td>60b501a2-855b-3ac5-8051-7d6aedcb3d9d</td>
</tr>
<tr>
<td>ipaddress</td>
<td>Yes</td>
<td>String</td>
<td>IP address of the agent to register.</td>
<td>xxx.x.xxx.xx</td>
</tr>
<tr>
<td>version</td>
<td>Yes</td>
<td>String</td>
<td>Agent version.</td>
<td>2-300</td>
</tr>
<tr>
<td>operatingSystem</td>
<td>Yes</td>
<td>String</td>
<td>Workload OS.</td>
<td>Linux</td>
</tr>
<tr>
<td>osVersion</td>
<td>Yes</td>
<td>String</td>
<td>OS version.</td>
<td>7.2</td>
</tr>
<tr>
<td>TAGS</td>
<td>No</td>
<td>String</td>
<td>Server tags can be specified here.</td>
<td>&quot;role&quot;: &quot;database&quot;</td>
</tr>
<tr>
<td>properties</td>
<td>No</td>
<td>String</td>
<td>Properties outside of the default can be specified here.</td>
<td>-</td>
</tr>
<tr>
<td>restartAgent</td>
<td>Yes</td>
<td>Boolean</td>
<td>Designate “true” to restart agent after creation.</td>
<td>true/false</td>
</tr>
</tbody>
</table>

Response Sample

Example

The following call would be used to register an agent using the parameters outlined in the example columns above:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/agents/create

Request Body

```
{
    "agent": {
        "fqdn": "60b501a2-855b-3ac5-8051-7d6aedcb3d9d",
        "ipAddress": "xxx.x.xxx.xx",
        "version": "2-300",
        "operatingSystem": "Linux",
        "osVersion": "7.2",
        "TAGS": {
            "role": "database",
            },
        "domain": "BUSHIDO-GENERAL"
    },
    "properties": {
    },
    "restartAgent": false
}
```

DELETE AGENT

Deletes a specified agent.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/agents/delete

Request Body

```
["<agentid>"]
```

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
</table>

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Response Sample
{
    "success": true
}

Example
The following call would be used to delete a registered agent with an Id of "f08b285c-5562-38ed-b942-e39d1df220cf":

Request Body
["f08b285c-5562-38ed-b942-e39d1df220cf"]

GET AGENT’S APPLICATIONS
Displays the applications a specified agent has been assigned to.

Definition
GET https://<Appliance IP>/kotoba/rest/v1.0/agents/{agentid}/applications

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>agentid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an agent to display assigned applications for.</td>
<td>60b501a2-855b-3ac5-8051-7d6aedcb3d9d</td>
</tr>
</tbody>
</table>

Response Sample
[{
    "role": "AD SERVER",
    "name": "csharptest",
    "appId": "cfd554d3-7960-3fb6-b46d-1e8d546fe091"
}, {
    "role": "AD SERVER",
    "name": "Pol Test",
    "appId": "18bf9576-38e2-3e9c-9da7-b68869e16674"
}, {
    "role": "LDAP SERVER",
    "name": "dockertest",
    "appId": "73bdbd81-e207-3f64-864e-a50c3f93852e"
}, {
    "role": "WEB SERVER",
}]}
"name": "w-test",
"appId": "51fcd44a-c479-3f3b-9dd7-3e9090766926"
}

Example

The following call would be used to show which applications an agent with an ID of “60b501a2-855b-3ac5-8051-7d6aedcb3d9d” is assigned to:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agents/60b501a2-855b-3ac5-8051-7d6aedcb3d9d/applications

APPLICATIONS

GET APPLICATION

Displays general information pertaining to a specified application.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/applications/{appid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to display information for.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
</tbody>
</table>

Response Sample

```
{
    "appid": "6979abf9-83b2-3c1f-ad3b-8c85653ef728",
    "orgId": "f59beed9-ecf9-3a31-bb07-590f388849af",
    "orgName": "Branchsubbranch1Th1",
    "createTime": "2019-11-11T16:54:22.000Z",
    "description": "external api test app",
    "state": "PROD",
    "lastupdate": "2019-11-11T16:54:27.177Z",
    "teams": "{"APPLICATION_ADMIN":"8c14f93b-52cf-3da1-93d5-85710c6eb62b"}",
    "agents": "{}",
    "isAdminRole": false,
    "region": "Jersey City",
    "name": "TestExternalAppTh1",
    "updatedBy": "admin",
    "appType": "STATIC",
    "filter": "{}",
```
"agentMap": 

Example

The following call would be used to display general information pertaining to an application with an ID of "18bf9576-38e2-3e9c-9da7-b68869e16674":

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/18bf9576-38e2-3e9c-9da7-b68869e16674

GET ALL APPLICATIONS

Displays a list of the applications registered to a TrueFort appliance.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/applications/all

Parameters

None

Response Sample

{
  "success": true,
  "data": [
    {
      "appid": "7e1d45d6-d329-362b-89d0-41d0e8e4ff3d",
      "orgId": "205d64ff-9b58-3aad-bf48-29ec41dd4ef0",
      "orgName": "automation",
      "createTime": "2019-03-20T15:25:46.289Z",
      "description": "test",
      "state": "PROD",
      "lastupdate": "2019-03-20T15:25:46.308Z",
      "teams": "{"APPLICATION_ADMIN":"30084152-5ddc-3079-a765-dbbcd58f2391"},",
      "agents": "{"e2b34002-351e-3fe1-b157-dcae985d6850":"AD SERVER","25a81365-f129-3fdd-8334-56107edc3d":"AD SERVER","27e32f41-2d7b-3549-aab6-81626ed59ef9":"AD SERVER","b6423515-dc5e-3e8-aecedf89619f840c":"AD SERVER"}",
      "isAdminRole": true,
      "region": "North America",
      "name": "ILoveTesting",
      "rulekpacks": "{}",
      "rulepacksMap": {
    }
  }
}
The following request would be used to display a list of applications registered to a TrueFort appliance at “xxx.x.xxx.xx”:

```
GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/all
```

**CREATE/UPDATE APPLICATION**

Creates a new application or updates an existing application.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/applications/create

**Request Body**

```
{
    "application": {
        "name": "<name>",
        "orgName": "<organizationname>",
        "orgId": "<organizationid>",
        "state": "<state>",
```

```
"appType": "STATIC",
"region": ":<region>",
"team": ":<team>",
"description": ":<description>",
"teams": ":\"<teamrole>\":\"<teamid>\""}
}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name for the newly created application.</td>
<td>external app 1</td>
</tr>
<tr>
<td>orgName</td>
<td>Yes</td>
<td>String</td>
<td>Name of the organization to assign to the application.</td>
<td>branchsubbranch1</td>
</tr>
<tr>
<td>orgId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the organization to assign to the application.</td>
<td>f8cb0885-2743-3504-a7e4-c6cafa7007ae</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>State for the newly created application.</td>
<td>PROD/DEV/UAT</td>
</tr>
<tr>
<td>region</td>
<td>Yes</td>
<td>String</td>
<td>Region to assign the application to.</td>
<td>Jersey City</td>
</tr>
<tr>
<td>team</td>
<td>Yes</td>
<td>String</td>
<td>Name of the team to assign to the application.</td>
<td>External Team</td>
</tr>
<tr>
<td>description</td>
<td>Yes</td>
<td>String</td>
<td>Application description.</td>
<td>external api app</td>
</tr>
<tr>
<td>teams</td>
<td>Yes</td>
<td>String and UUID</td>
<td>Role to assign to the specified team ID.</td>
<td>APPLICATION_ADMIN/ APPLICATION_DEVELOPER/ APPLICATION_SUPPORT 43a25972-0aed-39fb-a5fc-769a45302282</td>
</tr>
</tbody>
</table>

Response Sample

{
    "success": true,
    "data": "f2826002-e86a-343c-819e-7b8af8ba8d15",
    "message": {}
}
"message": "Application "Namefdse" created successfully",
"code": "S"
}

Example

The following call would be used to create a new application with the following properties:

Name: externalapp1
Assigned Organization: Branchsubbranch1 (ID: f8cb0885-2743-3504-a7e4-c6cafa7007ae)
State: PROD
Region: Jersey City
Assigned Team: ExternalTeam (ID: 43a25972-0aed-39fb-a5fc-769a45302282) as an Admin team.
Description: external api app

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/create

Request Body

{
   "application": {
      "name": "externalapp1",
      "orgName": "Branchsubbranch1",
      "orgId": "f8cb0885-2743-3504-a7e4-c6cafa7007ae",
      "state": "PROD",
      "appType": "STATIC",
      "region": "Jersey City",
      "team": "ExternalTeam",
      "description": "external api test app",
      "teams": "{"APPLICATION_ADMIN":"43a25972-0aed-39fb-a5fc-769a45302282\"""
    }
   }
}

GET APPLICATION'S AGENTS

Displays a list of the agents assigned to a specified application.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/applications/{appid}/agents

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to display assigned agents for.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
</tbody>
</table>
Response Sample

```json
{
    "role": "AD_SERVER",
    "agentid": "2eb0d884-28bc-334c-80a2-22d57070d8ac",
    "fqdn": "longrun-redhat6-2",
    "ipAddress": "10.179.143.97",
    "status": "REQUEST_REGISTRATION",
    "version": "2-448",
    "applications": "{\"18bf9576-38e2-3e9c-9da7-b68869e16674\":\"AD_SERVER\"},",
    "groupid": "9e41d590-28bf-11e9-82c3-5d73f86a24ff",
    "createTime": "2019-02-04T19:56:56.000Z",
    "lastUpdate": "2019-03-19T17:20:30.477Z",
    "operatingSystem": "Linux",
    "opts":
    "{\"AGENTHEALTH\":{"\"CPU\":{\"lastCollectedTime\":\"1553015730000\",\"pluginName\":\"CPU\",\"status\":\"RUNNING\"},\"CPUINFO\":{\"lastCollectedTime\":\"1553014800002\",\"pluginName\":\"CPUINFO\",\"status\":\"RUNNING\"},\"FILESYSTEM\":{\"lastCollectedTime\":\"1553015730001\",\"pluginName\":\"FILESYSTEM\",\"status\":\"RUNNING\"},\"FILESYSTEMINFO\":{\"lastCollectedTime\":\"1553015985000\",\"pluginName\":\"FILESYSTEMINFO\",\"status\":\"RUNNING\"},\"IPTABLES\":{\"lastCollectedTime\":\"1553014800005\",\"pluginName\":\"IPTABLES\",\"status\":\"RUNNING\"},\"MEMORY\":{\"lastCollectedTime\":\"1553015730001\",\"pluginName\":\"MEMORY\",\"status\":\"RUNNING\"},\"NETWORK\":{\"lastCollectedTime\":\"1553015730001\",\"pluginName\":\"NETWORK\",\"status\":\"RUNNING\"},\"NIC\":{\"lastCollectedTime\":\"1553015730001\",\"pluginName\":\"NIC\",\"status\":\"RUNNING\"},\"NICINFO\":{\"lastCollectedTime\":\"1553015985000\",\"pluginName\":\"NICINFO\",\"status\":\"RUNNING\"},\"PACKAGEINFO\":{\"lastCollectedTime\":\"1553014800000\",\"pluginName\":\"PACKAGEINFO\",\"status\":\"RUNNING\"},\"PROCESSINFO\":{\"lastCollectedTime\":\"1553016015011\",\"pluginName\":\"PROCESSINFO\",\"status\":\"RUNNING\"},\"SSHD\":{\"lastCollectedTime\":\"1553014800002\",\"pluginName\":\"SSHD\",\"status\":\"RUNNING\"},\"SYSCONFIG\":{\"lastCollectedTime\":\"1553014800000\",\"pluginName\":\"SYSCONFIG\",\"status\":\"RUNNING\"},\"SYSINFO\":{\"lastCollectedTime\":\"1553014800007\",\"pluginName\":\"SYSINFO\",\"status\":\"RUNNING\"},\"WHO\":{\"lastCollectedTime\":\"1553014800007\",\"pluginName\":\"WHO\",\"status\":\"RUNNING\"}}\"}
}```
Example

The following call would be used to show the agents assigned to an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/18bf9576-38e2-3e9c-9da7-b68869e16674/agents

DELETE APPLICATION

Deletes a specified application.

Definition

DELETE https://<Appliance IP>/kotoba/rest/v1.0/applications/{appid}?comment=<comment>

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to delete.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>comment</td>
<td>No</td>
<td>String</td>
<td>Comment indicating the reason for deletion.</td>
<td>Deletion test</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true,
    "message": {
        "message": "Application deleted successfully: TestExternalAppTh1",
        "code": "S"
    }
}
```

Example

The following call would be used to delete an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674” and indicate the reason as “Deletion test”.

DELETE https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/18bf9576-38e2-3e9c-9da7-b68869e16674?comment=Deletion test
DELETE APPLICATIONS

Deletes multiple specified applications.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/applications/delete

**Request Body**

`["<appid>", "<appid>"]`

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to delete.</td>
<td>fc9fdf08-4e29-3f26-a270-390dc49061a2</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "success": true,
    "message": {
        "message": "Application deleted successfully :ss",
        "code": "S"
    }
}
```

**Example**

The following call would be used to delete two applications with the IDs "fc9fdf08-4e29-3f26-a270-390dc49061a2" and "3691308f-2a4c-3f69-83f2-880d32e29c84":

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/delete

**Request Body**

`["fc9fdf08-4e29-3f26-a270-390dc49061a2", "3691308f-2a4c-3f69-83f2-880d32e29c84"]`

ASSIGN AGENT TO APPLICATION

Assigns a specified agent to a designated application.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/applications/{appid}/agents/assign

**Example**

The following call would be used to assign an agent with the ID "<Agent ID>" to the application with the ID "fc9fdf08-4e29-3f26-a270-390dc49061a2":

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/{appid}/agents/assign

**Request Body**

```json
{
    "key": "<Agent ID>",
```
"value": "<Server Role>"
}
}

### Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to assign an agent to.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>key</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an agent to assign.</td>
<td>60b501a2-855b-3ac5-8051-7d6aedcb3d9d</td>
</tr>
<tr>
<td>value</td>
<td>Yes</td>
<td>String</td>
<td>Name of the Server Role to assign the specified agent to.</td>
<td>AD Server</td>
</tr>
</tbody>
</table>

### Response Sample

```json
{
   "success": true,
   "status": "OK",
   "description": "",
   "message": ""
}
```

### Example

The following call would be used to assign an agent with an ID of “60b501a2-855b-3ac5-8051-7d6aedcb3d9d” to an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674” under the Server Role “AD Server”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/18bf9576-38e2-3e9c-9da7-b68869e16674/agents/assign

**Request Body**

```json
[[
   "key": "60b501a2-855b-3ac5-8051-7d6aedcb3d9d",
   "value": "AD Server"
]
```

### UNASSIGN AGENT FROM APPLICATION

Unassigns a specified agent from a designated application.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/applications/{appid}/agents/unassign
Request Body

["<Agent ID>"]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to unassign an agent from.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>Agent ID</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an agent to unassign.</td>
<td>60b501a2-855b-3ac5-8051-7d6aedcb3d9d</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
  "success": true,
  "status": "OK",
  "description": "",
  "message": ""
}
```

Example

The following call would be used to unassign an agent with an ID of “60b501a2-855b-3ac5-8051-7d6aedcb3d9d” from an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/18bf9576-38e2-3e9c-9da7-b68869e16674/agents/unassign

ALERTS

GET ALERT DETAILS

Displays details pertaining to a specified alert.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/alerts/{alertid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>alertid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an alert to display details for.</td>
<td>e789a3c8-6928-3dd0-81b7-9239fbaa84cb</td>
</tr>
</tbody>
</table>

Response Sample

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The following call would be used to view details pertaining to an alert with an ID of “e789a3c8-6928-3dd0-81b7-9239fbaa84cb”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/e789a3c8-6928-3dd0-81b7-9239fbaa84cb

**GET ALERTS BY APPLICATION**

Displays the alerts generated for a specified application.

**Definition**

GET https://<Appliance IP>/kotoba/rest/v1.0/alerts/applications/{appid}

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to display alerts for.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
</tbody>
</table>

**Response Sample**

```
{
    "took": 61,
    "timed_out": false,
    "_shards": {
        "total": 5,
        "successful": 5,
        "skipped": 0,
        "failed": 0
    },
    "hits": {
```
"total": 273535,
"max_score": 9.128294E-6,
"hits": [{
  "_index": "bushidodb_alertinfo",
  "_type": "alertinfo",
  "_id": "d206bcd3-2de7-3374-a09d-8261b74db253",
  "_score": 9.128294E-6,
  "_source": {
    "alkey": {
      "applicationContextId": "202cb962-ac59-375b-964b-07152d234b70",
      "role": "333",
      "agentId": "31dcdb98-9226-3e2d-83f3-204bd6e5ff08",
      "alertId": "d206bcd3-2de7-3374-a09d-8261b74db253",
      "id": "a4fce53a-5541-49c2-80fc-07696dbabfb299d5e370-5f2c-11e6-a27f-db2318584f13202cb962-ac59-375b-964b-07152d234b7031dcdb98-9226-3e2d-83f3-204bd6e5ff08prelink/usr/sbin/prelink4376"
    }
  }
}, ...

Example

The following call would be used to display the alerts generated by an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/applications/18bf9576-38e2-3e9c-9da7-b68869e16674

GET ALERTS BY AGENT

Displays generated alerts associated with a specified agent.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/alerts/applications/{appid}/agents?agentid=<Agent ID>

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application the specified agent belongs to.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>agentid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the agent to display</td>
<td>e789a3c8-6928-3dd0-81b7-9239fbaa84cb</td>
</tr>
</tbody>
</table>
Response Sample

Example

The following call would be used to display a list of generated alerts associated with an agent with an ID of “e789a3c8-6928-3dd0-81b7-9239fbaa84cb” assigned to an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

GET https://xxx.xxx.xxx.xx/kotoba/rest/v1.0/alerts/applications/18bf9576-38e2-3e9c-9da7-b68869e16674/agents?agentid=e789a3c8-6928-3dd0-81b7-9239fbaa84cb

**GET ALERTS BY ROLE**

Displays the alerts generated in a given Server Role in a specified application.

**Definition**

GET https://<Appliance IP>/kotoba/rest/v1.0/alerts/application/{appid}/agents/{role}

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application the specified Server Role belongs to.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>role</td>
<td>Yes</td>
<td>String</td>
<td>Name of the role to view alerts for.</td>
<td>AD_SERVER</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
  "took": 622,
  "timed_out": false,
  "_shards": {
    "total": 5,
    "successful": 5,
    "skipped": 0,
    "failed": 0
  },
  "hits": {
```
"total": 138000,
"max_score": 0.69326586,
"hits": [{
"_index": "bushidodb_alertinfo",
"_type": "alertinfo",
"_id": "d206bcd3-2de7-3374-a09d-8261b74db253",
"_score": 0.69326586,
"_source": {
"alkey": {
"applicationContextId": "202cb962-ac59-375b-964b-07152d234b70",
"role": "333",
"agentId": "31dcdb98-9226-3e2d-83f3-204bd6e5ff08",
"alertId": "d206bcd3-2de7-3374-a09d-8261b74db253",
"id": "a4fce53a-5541-49c2-80fc-07696dbabfbb299d5e370-5f2c-11e6-a27f-db2318584f13202cb962-ac59-375b-964b-07152d234b7031dcdb98-9226-3e2d-83f3-204bd6e5ff08prelink/usr/sbin/prelink4376"
}
...}

Example

The following call would be used to display the alerts generated in the “AD Server” Role in an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/application/18bf9576-38e2-3e9c-9da7-b68869e16674/agents/AD_SERVER

DELETE ALERTS

Deletes an alert or a specified selection of alerts.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/alerts/delete

Request Body

["<alertId>"]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>alertId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the alert to delete.</td>
<td>78d67285-4305-3e33-901f-430d36bb9119</td>
</tr>
</tbody>
</table>

Response Sample
Example
The following call would be used to delete an alert with an ID of "78d67285-4305-3e33-901f-430d36bb9119":
POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/delete

Request Body
["78d67285-4305-3e33-901f-430d36bb9119"]

DELETE ALL ALERTS

Deletes all generated alerts.

Definition
DELETE https://<Appliance IP>/kotoba/rest/v1.0/alerts/delete/all

Parameters
None

Response Sample
{
   "success": true,
   "data": "alerts Delete Success."
   "message": {
       "message": "alerts Delete Success."
       "code": "S"
   }
}

Example
The following call would be used to delete all generated alerts on a TrueFort appliance located at "xxx.x.xxx.xx":
DELETE https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/delete/all

CLOSE ALERT

Changes a specified alert’s status to “CLOSED”.

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Definition
POST https://<Appliance IP>/kotoba/rest/v1.0/alerts/close

Request Body
["<alertId>"]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>alertId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the alert to close.</td>
<td>78d67285-4305-3e33-901f-430d36bb9119</td>
</tr>
</tbody>
</table>

Response Sample
{
    "success": true,
    "data": "Alert CLOSE Success.",
    "message": {
        "message": "Alert CLOSED",
        "code": "S"
    }
}

Example
The following call would be used to close an alert with an ID of “78d67285-4305-3e33-901f-430d36bb9119”:
POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/close

Request Body
["78d67285-4305-3e33-901f-430d36bb9119"]

MERGE ALERT

Merges a specified alert to an application’s profile.

Definition
POST https://<Appliance IP>/kotoba/rest/v1.0/alerts/merge

Request Body
["<alertId>"]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>alertId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the alert to be reset</td>
<td>78d67285-4305-3e33-901f-430d36bb9119</td>
</tr>
<tr>
<td>---------</td>
<td>-----</td>
<td>------</td>
<td>----------------------------</td>
<td>-----------------------------------</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "success": true,
    "message": {
        "message": "Merged Successfully",
        "code": "S"
    }
}
```

**Example**

The following call would be used to merge an alert with an ID of "78d67285-4305-3e33-901f-430d36bb9119":

```plaintext
POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/merge
```

**Request Body**

```
["78d67285-4305-3e33-901f-430d36bb9119"]
```

**RESET ALERT**

Resets a specified alert.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/alerts/reset

**Request Body**

```
["<alertId>"
```

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>alertId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the alert to be reset</td>
<td>78d67285-4305-3e33-901f-430d36bb9119</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "success": true,
    "data": "Alert RESET Attempt Success.",
    "message": {
        "message": "Alert RESET attempted",
        "code": "S"
    }
}
```
The following call would be used to reset an alert with an ID of "78d67285-4305-3e33-901f-430d36bb9119":

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/reset

Request Body

["78d67285-4305-3e33-901f-430d36bb9119"]

GET ALERT ANNOTATIONS

Displays the annotations associated with a specified alert.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/alerts/{alertid}/annotations

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>alertid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an alert to view annotations for.</td>
<td>e789a3c8-6928-3dd0-81b7-9239fbaa84cb</td>
</tr>
</tbody>
</table>

Response Sample

```json
[
  {
    "alertid": "e789a3c8-6928-3dd0-81b7-9239fbaa84cb",
    "id": "1e48dd90-4a7d-11e9-af2a-c1d5e30c463e",
    "annotation": "Alert Opened by bushido system",
    "lastupdated": "2019-03-19T19:28:05.097Z",
    "lastUpdatedUser": "PERSISTER_SYSTEM"
  },
  {
    "alertid": "e789a3c8-6928-3dd0-81b7-9239fbaa84cb",
    "id": "1e569930-4a7d-11e9-afc6-57cae51ad29b",
    "annotation": "Alert state change from OPEN to WORKFLOW",
    "lastupdated": "2019-03-19T19:28:05.187Z",
    "lastUpdatedUser": "WORKFLOW_SYSTEM"
  },
  {
    "alertid": "e789a3c8-6928-3dd0-81b7-9239fbaa84cb",
    "id": "1e5ab7e0-4a7d-11e9-afc6-57cae51ad29b",
    "annotation": "Alert state change from WORKFLOW to RESPONSE_PENDING",
  }
]
```

Example
The following call would be used to view the annotations for an alert with an ID of "e789a3c8-6928-3dd0-81b7-9239fbaa84cb":

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/alerts/e789a3c8-6928-3dd0-81b7-9239fbaa84cb/annotations

**USERS**

**GET ALL USERS**

Displays all users registered to the TrueFort appliance.

**Definition**

GET https://<Appliance IP>/kotoba/rest/v1.0/users/all

**Parameters**

None

**Response Sample**

```json
[
    {
        "key": {
            "userid": "dairi",
            "email": "support@cixsoft.com"
        },
        "firstName": "Dairi",
        "lastName": "Mojii",
        "applicationsMap": {},
        "password": "313032343638!6e255e50cad687da5f69ee25a314b0dd!dda37a7d7cd332c77b63a6d53ade79a43ae6a08f3f22f214b995b",
        "status": "REGISTERED",
        "createTime": "2019-02-04T16:22:50.000Z",
        "lastUpdate": "2019-02-04T16:22:50.000Z",
        "updatedBy": "admin",
        "teams": ["30084152-5ddc-3079-a765-dbbcd58f2391"],
        "teamObjs": ["30084152-5ddc-3079-a765-dbbcd58f2391",
            "name": "Bushido Admin Team",
            "description": "Bushido Administration Team",
            "users": ":\"admin\":\"TEAM_ADMIN\"",
            "applications": ["51fcd44a-c479-3f3b-9dd7-3e9090766926",
                "13b09673-e6d8-3c49-a9c0-34fa41d28968",
                "4fd554d3-7960-3fb6-b46d-1e8d546fe091",
                "1e66aa60-2899-11e9-8932-dbe63c9322f6",
                "createTime": "2019-02-04T16:22:51.000Z"
            ],
            "agentOpGroups": ["1e66aa60-2899-11e9-8932-dbe63c9322f6"
```
Example

The following call would be used to display a list of the users registered to a TrueFort appliance located at “216.3.128.12”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/users/all

CREATE/UPDATE USER

Creates a new user, or updates an existing user.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/users/create

Request Body

{
    "userid": "<User ID>",
    "firstName": "<First Name>",
    "lastName": "<Last Name>",
    "email": "<User Email>",
    "password": "<password>"
}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>userid</td>
<td>Yes</td>
<td>String</td>
<td>ID of the user to edit/update.</td>
<td>testuser1</td>
</tr>
<tr>
<td>firstName</td>
<td>Yes</td>
<td>String</td>
<td>User’s first name.</td>
<td>Test</td>
</tr>
<tr>
<td>lastName</td>
<td>Yes</td>
<td>String</td>
<td>User’s last name.</td>
<td>User</td>
</tr>
<tr>
<td>email</td>
<td>Yes</td>
<td>String</td>
<td>User’s email.</td>
<td><a href="mailto:testuser@test.com">testuser@test.com</a></td>
</tr>
<tr>
<td>password</td>
<td>Yes</td>
<td>String</td>
<td>User’s password.</td>
<td>Test_123456</td>
</tr>
</tbody>
</table>
Response Sample
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}

Example
The following call would be used to create a user with the User ID “testuser1”, first name “Test”, last name “User”, and contact email “testuser@test.com”:
POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/users/create

Request Body
{
    "userid": "testuser1",
    "firstName": "Test",
    "lastName": "User",
    "email": "testuser@test.com",
    "password": "Test_123456"
}

DELETE USER
Deletes a specified user.

Definition
DELETE https://<Appliance IP>/kotoba/rest/v1.0/users/{userid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>userid</td>
<td>Yes</td>
<td>String</td>
<td>ID of a user to delete.</td>
<td>sampleuser1</td>
</tr>
</tbody>
</table>

Response Sample
{
    "success": true,
    "data": "User deleted successfully",
    "message": {
        "message": "User deleted sucessfully",
        "code": "S"
    }
}
Example

The following call would be used to delete a user with a User ID of “sampleuser1”:

DELETE https://xxx.x.xxx.xx/kotoba/rest/v1.0/users/sampleuser1

**TEAMS**

**GET TEAM**

Gets general information pertaining to a specified team.

**Definition**

GET https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a team to display information for.</td>
<td>30084152-5ddc-3079-a765-dbbcd58f2391</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
  "teamid": "8c14f93b-52cf-3da1-93d5-85710c6eb62b",
  "name": "TestExternalTeamTh1",
  "description": "TestExternalTeam Th1",
  "users": "{\"admin\":\"TEAM_ADMIN\"}",
  "createTime": "2019-11-12T14:04:16.795Z",
  "lastUpdate": "2019-11-12T14:04:16.795Z",
  "updatedBy": "admin",
  "email": "TestExternalTeamTh1@yahoo.com",
  "isAdminRole": false
}
```

Example

The following call would be used to display information pertaining to a team with an ID of “30084152-5ddc-3079-a765-dbbcd58f2391”.

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/30084152-5ddc-3079-a765-dbbcd58f2391

**GET TEAM BY NAME**

Displays general information based on a specified team name.
Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/teams/byname/{teamname}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamname</td>
<td>Yes</td>
<td>String</td>
<td>Name of a team to display information for.</td>
<td>TeamOne</td>
</tr>
</tbody>
</table>

Response Sample

```
{
    "teamid": "8c14f93b-52cf-3da1-93d5-85710c6eb62b",
    "name": "TestExternalTeamTh1",
    "description": "TestExternalTeam Th1",
    "users": "{\"admin\":\"TEAM_ADMIN\"}",
    "updatedBy": "admin",
    "email": "TestExternalTeamTh1@yahoo.com",
    "isAdminRole": false
}
```

Example

The following call would be used to display information pertaining to a team called “TeamOne”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/byname/TeamOne

GET ALL TEAMS

Displays a list of the teams registered to the TrueFort appliance.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/teams/all

Parameters

None

Response Sample

```
[
    {
        "teamid": "f3983929-9987-36ee-8320-1ed3dcaaf51c",
        "name": "Test Team",
        "description": "Input Test Team",
        "users": "{\"admin\":\"TEAM_ADMIN\"}",
        "membersMap": {
            "admin": "TEAM_ADMIN"
        }
    }
]
```
"applications": "{"73bd81-e207-3f64-864e-a50c3f93852e":{"APPLICATION_ADMIN"},"18bf9576-38e2-3e9c-9da7-b68869e16674":{"APPLICATION_ADMIN"}}",
"createTime": "2019-02-08T14:13:27.000Z",
"lastUpdate": "2019-02-08T14:13:27.000Z",
"updatedBy": "admin",
"email": "teamone@truefort.com",
"isAdminRole": true
}, {
"teamid": "9891b986-269c-3535-914c-cc69ce51061a",
...

Example

The following call would be used to display a list of the teams registered to a TrueFort appliance located at "xxx.x.xxx.xx":

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/all

CREATE/UPDATE TEAM

Creates a new team or updates an existing team.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/teams/create

Request Body

{
    "teamid": null,
    "name": "<Team Name>",
    "email": "<Team Email>",
    "description": "<Description>"
}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;name&quot;</td>
<td>Yes</td>
<td>String</td>
<td>A name for the newly created team.</td>
<td>New Team</td>
</tr>
<tr>
<td>&quot;email&quot;</td>
<td>Yes</td>
<td>String</td>
<td>Team’s contact email.</td>
<td><a href="mailto:newteam@newteam.org">newteam@newteam.org</a></td>
</tr>
<tr>
<td>&quot;description&quot;</td>
<td>Yes</td>
<td>String</td>
<td>Team description.</td>
<td>TeamCreation</td>
</tr>
</tbody>
</table>

Response Sample

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The following call would be used to create a team called “New Team” with the email address “newteam@newteam.org” and the description “TeamCreation”.

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/create

Request Body

```
{
    "teamid": null,
    "name": "New Team",
    "email": "newteam@newteam.org",
    "description": "TeamCreation"
}
```

DELETE TEAM

Deletes a specified team.

Definition

DELETE https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team ID</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the team to delete.</td>
<td>703ee5ab-d4e9-39d7-bece-fcde76d939cf</td>
</tr>
</tbody>
</table>

Response Sample

```
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}
```

Example

The following call would be used to delete a team with the ID “703ee5ab-d4e9-39d7-bece-fcde76d939cf”: 
DELETE https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/703ee5ab-d4e9-39d7-bece-fcde76d939cf

DELETE TEAMS

Deletes multiple specified teams.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/teams/delete

Request Body

["<Team ID>", "<Team ID>"

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team ID</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a team to delete. Users can designate multiple, comma-separated values, as shown in the example below.</td>
<td>703ee5ab-d4e9-39d7-bece-fcde76d939cf</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}
```

Example

The following call would be used to delete two teams with the IDs “098f6bcd-4621-3373-8ade-4e832627b4f6” and “95a58146-d5fb-3572-bffb-27d886935ca1”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/delete

Request Body

["098f6bcd-4621-3373-8ade-4e832627b4f6", "95a58146-d5fb-3572-bffb-27d886935ca1"]

GET TEAM’S APPLICATIONS

Displays a list of applications a specified team has been assigned to.
Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}/applications

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a team to display assigned applications for.</td>
<td>703ee5ab-d4e9-39d7-bece-fcde76d939cf</td>
</tr>
</tbody>
</table>

Response Sample

```json
[{
    "role": "APPLICATION_ADMIN",
    "appid": "95ed57f9-5929-3757-8c2f-92c45cac4b6d",
    "createTime": "2019-06-07T14:29:17.871Z",
    "description": "asdasd",
    "state": "UAT",
    "lastupdate": "2019-06-07T14:29:17.896Z",
    "teams": "{"APPLICATION_ADMIN":"5314a8eb-fbf3-3329-ac0e-f3f8da4ab71c"}"
}, {
    "role": "APPLICATION_ADMIN",
    "appid": "8f0d6355-c04b-3a22-8bb3-8021cbbaf788",
    "createTime": "2019-02-26T14:07:25.209Z",
    "description": "Test upload app 2",
    "state": "PROD",
    "lastupdate": "2019-02-26T14:07:25.225Z",
    "teams": "{"APPLICATION_ADMIN":"5314a8eb-fbf3-3329-ac0e-f3f8da4ab71c"}"
}, ...
```

Example

The following call would be used to view the applications a team with an ID of “703ee5ab-d4e9-39d7-bece-fcde76d939cf” is assigned to:

GET https://xxx.x.xxx.xxx/kotoba/rest/v1.0/teams/703ee5ab-d4e9-39d7-bece-fcde76d939cf/applications
GET TEAM MEMBERS

Displays a list of users that belong to a specified team.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}/members

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the team to display members from.</td>
<td>30084152-5ddc-3079-a765-dbbcd58f2391</td>
</tr>
</tbody>
</table>

Response Sample

```json
[
  {
    "role": "TEAM_ADMIN",
    "key": {
      "userid": "admin"
    },
    "firstName": "Admin",
    "lastName": "User",
    "teams": [],
    "teamObjs": [],
    "appObjs": []
  }
]
```

Example

The following call would be used to display a list of the members of a team with the TeamID “30084152-5ddc-3079-a765-dbbcd58f2391”.

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/30084152-5ddc-3079-a765-dbbcd58f2391/members

ASSIGN TEAM MEMBER

Adds a specified user to a team under a designated role.

Definition

PUT https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}/members/assign/{role}?userid=<username>

Request Body

None
### Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the team to display members from.</td>
<td>30084152-5ddc-3079-a765-db0cd58f2391</td>
</tr>
<tr>
<td>role</td>
<td>Yes</td>
<td>String</td>
<td>Role to assign to the new member.</td>
<td>TEAM_MEMBER/TEAM_ADMIN</td>
</tr>
<tr>
<td>userid</td>
<td>Yes</td>
<td>String</td>
<td>Name of the user to assign.</td>
<td>externaluser</td>
</tr>
</tbody>
</table>

### Example

The following call would be used to assign a user named “externaluser” to a team with an ID of “30084152-5ddc-3079-a765-db0cd58f2391” under the member role:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/30084152-5ddc-3079-a765-db0cd58f2391/members/assign/TEAM_MEMBER?userid=externaluser

### UNASSIGN TEAM MEMBER

Unassigns a user from a specified team.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}/members/unassign

**Request Body**

```json
["<User ID>"]
```

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a team to unassign a member from.</td>
<td>30084152-5ddc-3079-a765-db0cd58f2391</td>
</tr>
<tr>
<td>User ID</td>
<td>Yes</td>
<td>String</td>
<td>ID of a team member to unassign.</td>
<td>sampleuser1</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}
```

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Example

The following call would be used to unassign a user with an ID of “sampleuser1” from a team with an ID of “30084152-5ddc-3079-a765-dbbcd58f2391”:

```plaintext
POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/30084152-5ddc-3079-a765-dbbcd58f2391/members/unassign
```

**Request Body**

```
["sampleuser1"]
```

**ASSIGN TEAM TO APPLICATION**

Assigns a team to a specified application.

**Definition**

```plaintext
POST https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}/applications/assign/{role}
```

**Request Body**

```
["<appid>"
```

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a team to assign to an application.</td>
<td>30084152-5ddc-3079-a765-dbbcd58f2391</td>
</tr>
<tr>
<td>role</td>
<td>Yes</td>
<td>String</td>
<td>Designated team role within the specified application.</td>
<td>APPLICATION_ADMIN/ APPLICATION_DEVELOPER/ APPLICATION_SUPPORT</td>
</tr>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application to assign a team to.</td>
<td>5feb082f-4e09-328b-8bbd-293f3b16cd91</td>
</tr>
</tbody>
</table>

**Response Sample**

```
{
   "success": true,
   "status": "OK",
   "description": "",
   "message": ""
}
```

**Example**

The following call would be used to assign a team with an ID of “30084152-5ddc-3079-a765-dbbcd58f2391” to an application with an ID of “5feb082f-4e09-328b-8bbd-293f3b16cd91” under the Support role:
POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/30084152-5ddc-3079-a765-db0bc58f2391/applications/assign/APPLICATION_SUPPORT

Request Body
["5feb0f82f-4e09-328b-8bbd-293f3b16cd91"]

UNASSIGN TEAM FROM APPLICATION

Unassigns a team from a specified application.

Definition
POST https://<Appliance IP>/kotoba/rest/v1.0/teams/{teamid}/applications/unassign

Request Body
["<appid>:<role>"]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a team to unassign from an application.</td>
<td>30084152-5ddc-3079-a765-db0bc58f2391</td>
</tr>
<tr>
<td>role</td>
<td>Yes</td>
<td>String</td>
<td>Designated team role within the specified application.</td>
<td>APPLICATION_ADMIN/APPLICATION DEVELOPER/APPLICATION_SUPPORT</td>
</tr>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application to unassign a team from.</td>
<td>155aad9f-48e1-31a4-a5dd-a3b686051b68</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
   "success": true,
   "status": "OK",
   "description": "",
   "message": ""
}
```

Example

The following call would be used to unassign a Support team with an ID of "30084152-5ddc-3079-a765-db0bc58f2391" from an application with an ID of "155aad9f-48e1-31a4-a5dd-a3b686051b68":

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/teams/{teamid}/applications/unassign
CLASSIFIERS

GET ALL CLASSIFIERS
Displays all classifiers registered to the TrueFort appliance.

Definition
GET https://<Appliance IP>/kotoba/rest/v1.0/classifiers/all

Parameters
None

Response Sample
[
{
    "type": "PortCE",
    "name": "Adobe ColdFusion",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "generator": "bushido",
    "teamName": "Bushido Admin Team",
    "status": "PUBLIC",
    "ceidSet": ["b7f7ada7-d848-3022-a0ee-5eb7d8835709"],
    "editable": false
},
{
    "type": "PortCE",
    "name": "BGP",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "generator": "bushido",
    "teamName": "Bushido Admin Team",
    "status": "PUBLIC",
    "ceidSet": ["8f53295a-7387-3494-a9bc-8dd6c3c7104f"],
    "editable": false
},
{
    "type": "PortCE",
    "name": "BackupExec",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "generator": "bushido",
    ...
}

Example
The following call would be used to view the classifiers registered to a TrueFort appliance at “xxx.x.xxx.xx”:
GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers/all
GET CLASSIFIERS BY TYPE

Displays all registered classifiers of a given type on the TrueFort appliance.

**Definition**

GET https://<Appliance IP>/kotoba/rest/v1.0/classifiers/{type}

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>No</td>
<td>String</td>
<td>Use this parameter to only view classifiers of a given type.</td>
<td>IPAddressCE or PortCE or RegExCE</td>
</tr>
</tbody>
</table>

- "IPAddressCE" displays IPAddress Classifiers.
- "PortCE" displays Port Classifiers.
- "RegExCE" displays RegEx Classifiers.

**Response Sample**

```json
[
  {
    "type": "PortCE",
    "name": "Adobe ColdFusion",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "generator": "bushido",
    "teamName": "Bushido Admin Team",
    "status": "PUBLIC",
    "ceidSet": ["b7f7ada7-d848-3022-a0ee-5eb7d8835709"],
    "editable": false
  },
  {
    "type": "PortCE",
    "name": "BGP",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "generator": "bushido",
    "teamName": "Bushido Admin Team",
  }
]```
The following call would be used to view all port classifiers registered on a TrueFort appliance.

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers/PortCE

**CREATE NEW CLASSIFIER**

Creates a new classifier.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/classifiers/create/{isNew}

**Request Body**

```json
{
    "name": "<Classifier Name>",
    "type": "<Classifier Type>",
    "status": "<Status>",
    "teamid": "<Team ID>"
}
```

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>isNew</td>
<td>Yes</td>
<td>Boolean</td>
<td>Designate as “true” to add a new classifier.</td>
<td>true</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Designate as “false” to edit an existing classifier.</td>
<td></td>
</tr>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name for the new classifier.</td>
<td>Test Classifier</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Classifier type. (IPAddressCE/PortCE/Regex/CE)</td>
<td>IPAddressCE</td>
</tr>
<tr>
<td>status</td>
<td>Yes</td>
<td>String</td>
<td>Classifier status. (Public/Private)</td>
<td>PUBLIC</td>
</tr>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the team to assign to the new classifier.</td>
<td>30084152-5ddc-3079-a765-dbbcd58f2391</td>
</tr>
</tbody>
</table>
Response Sample

```json
{
    "success": true,
    "data": {
        "classifierGroup": {
            "type": "IPAddressCE",
            "name": "Test Classifier",
            "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
            "generator": "user",
            "status": "PUBLIC",
            "ceidSet": [],
            "editable": true,
            "entitySet": []
        },
        "gridConfiguration": {
            "metricName": "IPAddressCE",
            "fields": [{
                "name": "ipAddress",
                "type": "string",
                "position": 2.0
            }, {
                "name": "classifierName",
                "type": "auto",
                "position": 3.0
            }]
        }
    }
}
```

Example

The following call would be used to create a new public IP Address classifier named “Test Classifier” and assign a team with an ID of “30084152-5ddc-3079-a765-dbbcd58f2391” to it.

**POST** https://xxx.xxx.xx/kotoba/rest/v1.0/classifiers/create/true

**Request Body**

```json
{
    "name": "Test Classifier",
    "type": "IPAddressCE",
    "status": "PUBLIC",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391"
}
```

**GET CLASSIFIERS**

Displays a classifier or list of classifiers based on provided parameters.
Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/classifiers?type=<Type>&name=<Name>

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Classifier name</td>
<td>Test Classifier</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Classifier type. (IPAddressCE/PortCE/Regex/CE)</td>
<td>IPAddressCE</td>
</tr>
</tbody>
</table>

Response Sample

```json
[
    {
        "type": "IPAddressCE",
        "name": "${apprname}Th1::AD SERVER",
        "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
        "generator": "bushido",
        "teamName": "Bushido Admin Team",
        "status": "PUBLIC",
        "editable": false
    },
    {
        "type": "IPAddressCE",
        "name": "x1",
        "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
        "generator": "user",
        "teamName": "Bushido Admin Team",
        "status": "PRIVATE",
        "ceidSet": ["6465ec74-397c-3126-9167-86bbcd6d7601", "7c45b6ba-5e2d-3318-ab90-f3da1ed69b97", "98660805-cdee-362a-b483-27ad6032805b"],
        "editable": true
    }
]
```

Example

The following call would be used to display information pertaining to an IP Address classifier named “Test Classifier”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers?type=IPAddressCE&name=Test Classifier

**UPDATE CLASSIFIER ENTITIES**

Updates the entities registered to a specified classifier.
Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/classifiers/{name}/entities/add?type={type}&isAppRole={false}

Request Body

["<Entity>"]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the classifier to update.</td>
<td>ThisIsATest</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Classifier type (IPAddressCE/PortCE/RegexCE)</td>
<td>IPAddressCE</td>
</tr>
<tr>
<td>entity</td>
<td>Yes</td>
<td>String</td>
<td>Entities registered to the specified classifier. Multiple, comma separated values can be used.</td>
<td>xxx.x.xxx.xx</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true,
    "data": {
        "classifierGroup": {
            "type": "IPAddressCE",
            "name": "ThisIsATest",
            "teamid": "3008152-5ddc-3079-a765-dbbcd58f2391",
            "generator": "user",
            "status": "PUBLIC",
            "ceidSet": [
                "12de49ce-2b6d-30bb-bc1e-97450d31c7b5",
                "d2d1736d-89be-3461-be7f-edda9cc923b8"
            ],
            "editable": true,
            "entitySet": [
                {
                    "ceid": "12de49ce-2b6d-30bb-bc1e-97450d31c7b5",
                    "ipAddress": "192.168.1.11",
                    "classifierName": [
                        "ThisIsATest"
                    ]
                },
                {
                    "ceid": "d2d1736d-89be-3461-be7f-edda9cc923b8",
                    "ipAddress": "192.168.1.22",
                    "classifierName": [
                        "ThisIsATest"
                    ]
                }
            ]
        }
    }
}
```
Example

The following call would be used to update the “ThisIsATest” IP Address classifier with the following entities - xxx.x.xxx.01 and xxx.x.xxx.02:

```
POST
https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers/ThisIsATest/entities/add?type=IPAddressCE&isAppRole={false}
```

Request Body

```
[“xxx.x.xxx.01”, “xxx.x.xxx.02”]
```

**DELETE CLASSIFIER ENTITIES**

Deletes specific entities registered to a classifier.

**Definition**

```
POST https://<Appliance IP>/kotoba/rest/v1.0/classifiers/{name}/{type}/entities/delete?isAppRole={false}
```

Request Body

```
[“<CEID>”]
```

**Parameter**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the classifier to delete entities from.</td>
<td>ThisIsATest</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Type of classifier to delete entities from.</td>
<td>IPAddressCE</td>
</tr>
<tr>
<td>CEID</td>
<td>Yes</td>
<td>UUID</td>
<td>Classifier entity ID of the entity to delete.</td>
<td>12de49ce-2bfc-30bb-bc1e-97540d31c7b5</td>
</tr>
</tbody>
</table>

**Response Sample**

```
{
  "success": true,
  "message": {
    "message": "Classifier Group entities ThisIsATest deleted successfully",
  }
}
```
"code": "S"
}

Example

The following call would be used to delete a classifier entity with an ID of “12de49ce-2bfd-30bb-bc1e-97450d31c7b5” from an IP address classifier called “ThisIsATest”:

POST https://xxx.xx.xxx.x/kotoba/rest/v1.0/classifiers/ThisIsATest/IPAddressCE/entities/delete?isAppRole={false}

Request Body

["12de49ce-2bfd-30bb-bc1e-97450d31c7b5"]

DELETE CLASSIFIER

Deletes a specified classifier.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/classifiers/delete

Request Body

{
   "type": "<Type>",
   "name": "<Name>",
   "teamid": "<Team ID>",
   "status": "<Status>"
}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Type of classifier to delete.</td>
<td>IPAddressCE</td>
</tr>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the classifier to delete.</td>
<td>ThisIsATest</td>
</tr>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>TeamID assigned to the classifier to delete.</td>
<td>30084152-5ddc-3079-a765-dbcd58f2391</td>
</tr>
</tbody>
</table>
### Response Sample

```json
{
    "success": true,
    "message": {
        "message": "Classifier group ThisIsATest deleted successfully",
        "code": "S"
    }
}
```

### Example

The following call would be used to delete a public IP Address classifier named “ThisIsATest” assigned to a team with an ID of “30084152-5ddc-3079-a765-dbbcd58f2391”:

**POST** [https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers/delete](https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers/delete)

**Request Body**

```json
{
    "type": "IPAddressCE",
    "name": "ThisIsATest",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "status": "PUBLIC"
}
```

### VALIDATE CLASSIFIER

Checks for the validity of a specified classifier.

**Definition**

**POST** [https://<Appliance IP>/kotoba/rest/v1.0/classifiers/validate](https://<Appliance IP>/kotoba/rest/v1.0/classifiers/validate)

**Request Body**

```json
{
    "type": "<type>",
    "name": "<name>",
    "teamid": "<teamid>",
    "generator": "<generator>",
    "teamName": "<teamname>",
    "status": "<status>",
    "editable": <true/false>,
    "entitySet": [
        {"<entityset>"
    ]
```
Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>“IPAddressCE” for IP Addresses “PortCE” for Ports</td>
<td>IPAddressCE or PortCE</td>
</tr>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Classifier name</td>
<td>Test Classifier</td>
</tr>
<tr>
<td>teamid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the team assigned to the classifier.</td>
<td>30084152-5ddc-3079-a765-dbbcd58f2391</td>
</tr>
<tr>
<td>generator</td>
<td>Yes</td>
<td>String</td>
<td>User that generated the classifier.</td>
<td>user</td>
</tr>
<tr>
<td>status</td>
<td>Yes</td>
<td>String</td>
<td>Whether the classifier is PUBLIC or PRIVATE</td>
<td>PUBLIC</td>
</tr>
<tr>
<td>teamName</td>
<td>Yes</td>
<td>String</td>
<td>Name of the team assigned to the classifier.</td>
<td>Bushido Admin Team</td>
</tr>
<tr>
<td>editable</td>
<td>Yes</td>
<td>Boolean</td>
<td>Designate “true” if the Classifier is editable.</td>
<td>true</td>
</tr>
<tr>
<td>entityset</td>
<td>Yes</td>
<td>String</td>
<td>Entities belonging to the classifier.</td>
<td>{&quot;ipAddress&quot;: &quot;xxx.x.xxx.xx&quot;}</td>
</tr>
</tbody>
</table>

Response Sample

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers/validate

Example

The following call would be used to validate an IP Address classifier containing two entities and the properties listed in the example column above:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/classifiers/validate

Request Body

```json
{
    "type": "IPAddressCE",
    "name": "zx",
    "teamid": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "generator": "user",
    "teamName": "Bushido Admin Team",
    "status": "PUBLIC",
    "editable": true,
    "entitySet": [
        {"ipAddress": "xxx.x.xxx.xx"},
        {"ipAddress": "xxx.x.xxx.xx"}
    ]
}
```
ORGANIZATIONS

GET ALL ORGANIZATIONS

Displays all organizations defined on the TrueFort appliance.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/organizations/all

Parameters

None

Response Sample

```json
{
    "children": [
        {
            "orgId": "2aeb2461-06aa-3322-86df-16d5c80e61f9",
            "type": "ORGANIZATION",
            "code": "001",
            "childIds": ["b583bf54-0cf0-36ef-9647-f339f8dea749"],
            "applications": ["13b09673-e6d8-3c49-a9cf-34fa41d28968",
                             "67b0f53e-ac5a-358b-b304-dbc5fc1f72f2"],
            "name": "TrueFort",
            "description": "TrueFort",
            "createTime": "2019-02-04T16:27:38.000Z",
            "lastUpdate": "2019-03-19T18:41:14.685Z",
            "updatedBy": "admin",
            "leaf": false,
            "hasChildrenDefinition": true,
            "children": [
                {
                    "orgId": "b583bf54-0cf0-36ef-9647-f339f8dea749",
                    "type": "BUSINESS UNIT",
                    "code": "002",
                    "parent": "2aeb2461-06aa-3322-86df-16d5c80e61f9",
                    "childIds": ["74dd8a0b-075f-334f-abc9-1a49bdc03499",
                                 "ff9ca466-06f4-34cd-a00a-72e424c9809f"],
                    "applications": ["73b9bd80-e207-36f4-864e-a50c3f93852e"],
                    "name": "BUSINESS UNIT 1",
                    "description": "First Business Unit",
                    "createTime": "2019-02-04T16:27:39.000Z",
                    "lastUpdate": "2019-02-12T21:50:46.000Z",
                    "updatedBy": "admin",
                    "leaf": false,
                    "hasChildrenDefinition": true,
                    "children": [
```
Example

The following call would be used to display all of the organizations defined on a TrueFort appliance at “xxx.x.xxx.xx”
GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizations/all

GET ORGANIZATION

Displays general information associated with a specified organization.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/organizations/{organizationid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>organizationid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an organization component display information for.</td>
<td>945d4eb8-4d2e-3df2-8ad9-ad3d3575f0e4</td>
</tr>
</tbody>
</table>

Response Sample

```
{
    "nodeId": "6905f209-b106-3291-a0e4-c5874d121cef",
    "type": "HEADOFFICETH1",
    "code": "2021",
    "parent": "b49ee6eb-1dcc-3d0a-98e7-0bd57ffcbc2b",
    "childIds": ["4a75ab9f-e51f-3d9a-b039-352e41b00277"],
    "applications": [],
    "name": "HeadOfficeExternalTh1",
    "description": "externalorg",
    "createTime": "2019-11-11T19:14:02.334Z",
    "lastUpdate": "2019-11-11T19:14:03.134Z",
    "updatedBy": "admin",
    "leaf": false,
    "hasChildrenDefinition": true,
    "children": [],
    "canHaveApps": true
}
```

Example

The following call would be used to view general information associated with a defined organization with an ID of “945d4eb8-4d2e-3df2-8ad9-ad3d3575f0e4”: 

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GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizations/945d4eb8-4d2e-3df2-8ad9-ad3d3575f0e4

**CREATE/UPDATE ORGANIZATION**

Creates a new organization or edits an existing organization.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/organizations/create

**Request Body**

```json
{
    "name": "<Organization Component Name>",
    "type": "<Definition Name>",
    "code": "<Code>",
    "description": "<Description>",
    "parent": "<Parent ID>"
}
```

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the created organization.</td>
<td>DEPARTMENT 3</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Definition the organization belongs to.</td>
<td>DEPARTMENT</td>
</tr>
<tr>
<td>code</td>
<td>Yes</td>
<td>String</td>
<td>Code (identifier) for the created organization.</td>
<td>004</td>
</tr>
<tr>
<td>description</td>
<td>Yes</td>
<td>String</td>
<td>Description of the created organization.</td>
<td>Third department.</td>
</tr>
<tr>
<td>parent</td>
<td>No</td>
<td>UUID</td>
<td>Parent – if any – of the created organization.</td>
<td>b583bf54-0cf0-36ef-9647-f339f8dea749</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "success": true,
    "data": {
        "nodeId": "b583bf54-0cf0-36ef-9647-f339f8dea749",
        "type": "BUSINESS UNIT",
        "code": "002",
        "parent": "2ae62461-06aa-3322-86df-16d5c80e61f9",
```
"childIds": [
"74dd8a0b-075f-334f-abc9-1a49bdc03499",
"ff9ca466-06f4-34cd-a00a-72e424c9809f",
"098dea4c-1c1f-32bf-8177-0133238a1d79"],

"applications": [],
"name": "BUSINESS UNIT 1",
"description": "First Business Unit",
"createTime": "2019-04-10T15:26:47.234Z",
"lastUpdate": "2019-05-08T15:59:45.243Z",
"updatedBy": "admin",
"leaf": false,
"hasChildrenDefinition": false,
"children": [],
"canHaveApps": false
},
"message": {
"message": "Organization "DEPARTMENT 3" added successfully as a DEPARTMENT",
"code": "S"
}

Example

The following call would be used to create a new organization named “DEPARTMENT 3” of the “DEPARTMENT TYPE”, with a code “004”, description “Third department.” and is a child of another organization with the ID “b583bf54-0cf0-36ef-9647-f339f8dea749”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizations/create

Request Body

{
   "name": "DEPARTMENT 3",
   "type": "DEPARTMENT",
   "code": "004",
   "description": "Third department.",
   "parent": "b583bf54-0cf0-36ef-9647-f339f8dea749"
}

DELETE ORGANIZATION

Deletes a specified organization.

Definition

DELETE https://<Appliance IP>/kotoba/rest/v1.0/organizations/{organizationid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
</table>

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<table>
<thead>
<tr>
<th>organizationId</th>
<th>Yes</th>
<th>UUID</th>
<th>ID of the organization to delete.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>945d4eb8-4d2e-3df2-8ad9-ad3d3575f0e4</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
  "success": true,
  "message": {
    "message": "Organization "BUSINESS UNIT 2" deleted successfully",
    "code": "S"
  }
}
```

Example

The following call would be used to delete an organization with an ID of "945d4eb8-4d2e-3df2-8ad9-ad3d3575f0e4":

```
DELETE https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizations/945d4eb8-4d2e-3df2-8ad9-ad3d3575f0e4
```

ORGANIZATION DEFINITIONS

GET ALL ORGANIZATION DEFINITIONS

Displays all organization definitions registered on the TrueFort appliance.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/organizationdefinitions/all

Parameters

None

Response Sample

```json
[{
  "defId": "f10b990a-3d05-4f23-a1ee-5e9c1fc19282",
  "name": "ORGANIZATION",
  "children": ["7b43de42-0efc-44b1-91e3-bf5c0d64bbdf"],
  "canHaveApps": true,
  "description": "Organization",
  "createTime": "2019-02-04T16:27:33.000Z",
  "lastUpdate": "2019-02-19T20:00:36.000Z",
  "updatedBy": "admin"
}, {
  "defId": "b4184197-f354-441f-83e7-1713fc57d7c2",
  "name": "DEPARTMENT",
```
"parents": ["7b43de42-0efc-44b1-91e3-bf5c0d64bbdf"],
"canHaveApps": true,
"description": "Department",
"createTime": "2019-02-04T16:27:35.000Z",
"lastUpdate": "2019-02-04T16:27:36.000Z",
"updatedBy": "admin"
}, {
...

Example

The following call would be used to display a list of all the organization definitions registered on a TrueFort appliance at “xxx.x.xxx.xx”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizationdefinitions/all

GET ORGANIZATION DEFINITION

Displays general information pertaining to a specified organization definition.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/organizationdefinitions/{definitionname}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>definitionname</td>
<td>Yes</td>
<td>String</td>
<td>Name of the organization definition to view information for.</td>
<td>ORGANIZATION</td>
</tr>
</tbody>
</table>

Response Sample

{
    "success": true,
    "data": {
        "defId": "09624d6f-d91f-40f8-a37c-5b8bd31116f6",
        "name": "HEADOFFICETH1",
        "children": ["a6a8dee7-5a7f-4ccf-92e5-0174a7774014"],
        "parents": ["29d596b3-fe04-40ab-99e8-26e5729c4fc8"],
        "canHaveApps": true,
        "description": "MainBranchWeehawken externalapi",
        "lastUpdate": "2019-11-11T19:50:27.831Z",
        "updatedBy": "admin"
    }
}

Example
The following call would be used to display information pertaining to an organization definition named “ORGANIZATION”:

GET
https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizationdefinitions/ORGANIZATION

CREATE/UPDATE ORGANIZATION DEFINITION

Creates a new organization definition or updates an existing organization definition.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/organizationdefinitions/create

Request Body

```json
{
  "name": "<Definition Name>",
  "description": "<Description>",
  "canHaveApps": <True/False>
}
```

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the created definition.</td>
<td>DIVISION</td>
</tr>
<tr>
<td>description</td>
<td>Yes</td>
<td>String</td>
<td>Description for the created definition.</td>
<td>Division</td>
</tr>
<tr>
<td>canHaveApps</td>
<td>Yes</td>
<td>Boolean</td>
<td>Designate “true” to allow apps, “false” to prohibit them.</td>
<td>true</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
  "success": true,
  "data": "8c3416c8-8bf2-4638-bc4c-9d68664b82b1",
  "message": {
    "message": "Organization "DIVISION" saved successfully",
    "code": "S"
  }
}
```
Example

The following call would be used to create a new definition with the name “DIVISION”, the description “Division”, and allow apps to be assigned to it:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizationdefinitions/create

Request Body

```
{
    "name": "DIVISION",
    "description": "Division",
    "canHaveApps": true
}
```

GET CHILDREN OF ORGANIZATION DEFINITION

Displays a list of the children organization definitions for a specified parent organization definition.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/organizationdefinitions/{definitionname}/children

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>definitionname</td>
<td>Yes</td>
<td>String</td>
<td>Name of the organization definition to view children from.</td>
<td>ORGANIZATION</td>
</tr>
</tbody>
</table>

Response Sample

```
[
    {
        "defId": "7b43de42-0efc-44b1-91e3-bf5c0d64bbdf",
        "name": "BUSINESS UNIT",
        "children": ["b4184197-f354-441f-83e7-1713fc57d7c2"],
        "parents": ["f10b990a-3d05-4f23-a1ee-5e9c1fc19282"],
        "canHaveApps": true,
        "description": "Business Unit",
        "createTime": "2019-02-04T16:27:34.000Z",
        "lastUpdate": "2019-02-04T16:27:36.000Z",
        "updatedBy": "admin"
    }
]
```
Example
The following call would be used to display the children of the parent organization definition “ORGANIZATION”:
GET
https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizationdefinitions/ORGANIZATION/children

DELETE ORGANIZATION DEFINITION

Deletes a specified organization definition.

Definition
DELETE https://<Appliance IP>/kotoba/rest/v1.0/organizationdefinitions/{definitionid}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>definitionid</td>
<td>Yes</td>
<td>String</td>
<td>ID of an organization definition to delete.</td>
<td>2442777e-a563-4f44-b321-7b0136354c56</td>
</tr>
</tbody>
</table>

Response Sample

```
{
    "success": true,
    "message": {
        "message": "Organization definition \"DIVISION\" deleted successfully",
        "code": "S"
    }
}
```

Example
The following call would be used to delete a definition with the ID “2442777e-a563-4f44-b321-7b0136354c56”.
DELETE
https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizationdefinitions/2442777e-a563-4f44-b321-7b0136354c56

ASSIGN CHILD ORGANIZATION DEFINITION

Assigns one organization to another as a child for the purposes of laying out a structural hierarchy
Definition

PUT https://<Appliance IP>/kotoba/rest/v1.0/organizationdefinitions/{definitionid}/children/assign/{childid}

Request Body
None

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>definitionid</td>
<td>Yes</td>
<td>String</td>
<td>ID of an organization definition to assign a child to.</td>
<td>2442777e-a563-4f44-b321-7b0136354c56</td>
</tr>
<tr>
<td>childid</td>
<td>Yes</td>
<td>String</td>
<td>ID of an organization definition to assign as a child.</td>
<td>4e733a28-7acb-4672-99f2-6ec517b401ee</td>
</tr>
</tbody>
</table>

Response Sample

```
{
    "success": true,
    "message": {
        "message": "Child \"SUBBRANCH2TH1\" added to parent: \"BRANCHTH1\",
        "code": "S"
    }
}
```

Example

The following call would be used to assign an organization definition with an ID of “4e733a28-7acb-4672-99f2-6ec517b401ee” to another organization definition with an ID of “2442777e-a563-4f44-b321-7b0136354c56” as a child:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizationdefinitions/2442777e-a563-4f44-b321-7b0136354c56/children/assign/4e733a28-7acb-4672-99f2-6ec517b401ee
UNASSIGN CHILD ORGANIZATION DEFINITION

Unassigns a child organization definition from its parent organization definition.

Definition

PUT https://<Appliance IP>/kotoba/rest/v1.0/organizationdefinitions/{definitionid}/children/unassign/{childid}

Request Body

None

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>definitionid</td>
<td>Yes</td>
<td>String</td>
<td>ID of an organization definition to unassign a child from.</td>
<td>2442777e-a563-4f44-b321-7b0136354c56</td>
</tr>
<tr>
<td>childid</td>
<td>Yes</td>
<td>String</td>
<td>ID of an organization definition to unassign.</td>
<td>4e733a28-7acb-4672-99f2-6ec517b401ee</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true,
    "message": {
        "message": ""SUBBRANCH3TH1" Removed as child from "BRANCHTH1"
    },
    "code": "S"
}
```

Example

The following call would be used to unassign an organization definition with an ID of “4e733a28-7acb-4672-99f2-6ec517b401ee” from another organization definition with an ID of “2442777e-a563-4f44-b321-7b0136354c56”:

PUT https://xxx.x.xxx.xx/kotoba/rest/v1.0/organizationdefinitions/2442777e-a563-4f44-b321-7b0136354c56/children/unassign/4e733a28-7acb-4672-99f2-6ec517b401ee
AGENT GROUPS

GET ALL AGENT GROUPS

Shows all registered agent groups on the TrueFort appliance.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/all

Parameters

None

Response Sample

```
[{  
  "groupid": "9e41d590-28bf-11e9-82c3-5d73f86a24ff",  
  "agents": ["176969e3-9f53-311f-aead-8b8e7b8ecf98",  
    "216c424d-a860-3ec7-b7e0-19ea7b1fbdb1", "2eb0d884-28bc-334c-80a2-  
    22d57070d8ac", "40e1413a-34d0-3d32-bad6-9528ed71b39a", "43f730d3-d47f-  
    3572-a3b1-b399f89b1189", "70e62119-4e32-36f8-9386-2abd700ec921",  
    "874867df-6f09-3654-8a12-5618992d5a24", "8fd973c0-da28-3446-96f9-  
    d28224ce0566", "d3cb989d-b274-3074-bd94-ed44b0402d39", "e701aa76-cd07-  
    3414-82f0-c4b30cdd3e6c"],  
  "createTime": "2019-02-04T20:58:27.000Z",  
  "description": "Longrun Linux Group",  
  "lastupdate": "2019-03-08T17:36:37.000Z",  
  "team": "30084152-5ddc-3079-a765-dbbcd58f2391",  
  "name": "Longrun Linux Group",  
  "updatedBy": "admin",  
  "pluginStr":  
    "\"name\":\"packageinfo\",\"collectionTrigger\":\"SIMPLE\",\"collectionExpression\":\"0 0 0/1 * * *\",\"collectionInterval\":1,\"publishTrigger\":\"CRON\",\"publishInterval\":1,\"publishExpression\":\"0 1 0/1 * * *\",\"timeUnit\":\"HOURS\",\"agentid\":\"f47eb74e-7739-37ee-9015-ddf8b989d5c2\",\"enabled\":true,\"name\":\"filesysteminfo\",\"collectionTrigger\":\"SIMPLE\",\"collectionExpression\":\"45 * * * *  
    ...
```

Example

The following call would be used to display a list of all the agent groups registered on a TrueFort appliance at “xxx.x.xxx.xx”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/all

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GET AGENT GROUP

Displays general information pertaining to a specified agent group.

**Definition**

GET https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to display information for.</td>
<td>c89eaf80-393a-11e9-b466-4f75a6686268</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "groupid": "f5ab5c50-04a3-11ea-bdd6-e5444eadf9cd",
    "createTime": "2019-11-11T16:54:43.605Z",
    "description": "External Test Group",
    "lastupdate": "2019-11-11T16:54:43.608Z",
    "team": "30084152-5ddc-3079-a765-dbbcd58f2391",
    "name": "TestExternalOPGroupTh1",
    "updatedBy": "admin",
    ...
}
```

**Example**

The following call would be used to view information pertaining to an agent group with an ID of “c89eaf80-393a-11e9-b466-4f75a6686268”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/c89eaf80-393a-11e9-b466-4f75a6686268

CREATE/UPDATE AGENT GROUP

Creates a new agent group or updates an existing agent group.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/create

**Request Body**

```json
{
    "name": "<Group Name>",
    "domain": "<Domain Name>",
    "description": "<Group Description>",
    "version": "<Agent Version>",
}
```
Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the newly created Agent Group.</td>
<td>New Agent Group</td>
</tr>
<tr>
<td>domain</td>
<td>Yes</td>
<td>String</td>
<td>Name of the domain to assign the new Agent Group to.</td>
<td>Sample Domain</td>
</tr>
<tr>
<td>description</td>
<td>Yes</td>
<td>String</td>
<td>Description of the new Agent Group.</td>
<td>This creates a new Agent Group</td>
</tr>
<tr>
<td>version</td>
<td>Yes</td>
<td>String</td>
<td>Agent Version for the new Agent Group.</td>
<td>2-89</td>
</tr>
</tbody>
</table>

Response Sample

{  
  "success": true,
  "status": "OK",
  "description": "",
  "message": ""
}

Example

The following call would be used to create a new Agent Group named “New Agent Group” belonging to the “Sample Domain” domain, with the description “This creates a new Agent Group” and agent version “2-89”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/create

Request Body

{  
  "name": "New Agent Group",
  "domain": "Sample Domain",
  "description": "This creates a new Agent Group",
  "version": "2-89",
  "groupid": null
}

DELETE AGENT GROUP

Deletes a specified agent group.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/delete

Request Body
"<groupid>"

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the agent group to delete.</td>
<td>ecae27c0-7274-11e9-9337-5d64ae5c07a7</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}
```

**Example**

The following call would be used to delete an agent group with an ID of "ecae27c0-7274-11e9-9337-5d64ae5c07a7":

**POST** https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/delete

**Request Body**

```
["ecae27c0-7274-11e9-9337-5d64ae5c07a7"]
```

---

**GET AGENTS ASSIGNED TO AN AGENT GROUP**

Displays a list of the agents assigned to a specified agent group.

**Definition**

**GET** https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/agents

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to display assigned agents for.</td>
<td>41667a70-5ba4-11e9-8b3d-77cb5333c2f1</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
[
    {
        "agentid": "b7bcb5b3-6cd2-3c3a-8416-a5b4f6e19b45",
        "fqdn": "DESKTOP-JISGDEF",
        "ipAddress": "10.179.144.244",
        "status": "REQUEST_GRANTED",
    }
]
```
"version": "2020",
"groupid": "41667a70-5ba4-11e9-8b3d-77cb5333c2f1",
"createTime": "2019-05-09T15:50:46.511Z",
"lastUpdate": "2019-05-10T19:48:09.039Z",
"operatingSystem": "Win32",
"osVersion": "10.0",
"systemArchitecture": "x86",
"opts":
"{"AGENTHEALTH": {"SYSCTL": {"lastPublishTime": "155751768067", "lastCollectedTime": "155751768067"}, "CHECKSUM": {"lastPublishTime": "1557517665002"}, "NETWORK": {"lastPublishTime": "1557517685001"}, "LOCALACCOUNT": {"lastPublishTime": "1557517685001"}, "CPUINFO": {"lastPublishTime": "1557517637001"}}

Example

The following call would be used to display a list of the agents assigned to a group with an ID of "41667a70-5ba4-11e9-8b3d-77cb5333c2f1":

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/41667a70-5ba4-11e9-8b3d-77cb5333c2f1/agents

GET TEAMS ASSIGNED TO AN AGENT GROUP

Displays a list of the teams assigned to a specified agent group.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/teams

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to display assigned teams for.</td>
<td>41667a70-5ba4-11e9-8b3d-77cb5333c2f1</td>
</tr>
</tbody>
</table>

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Response Sample
{
    "name": "Bushido Admin Team",
    "members": [
        {
            "role": "TEAM_ADMIN",
            "key": {
                "userid": "admin"
            },
            "firstName": "Admin",
            "lastName": "User",
            "teams": [],
            "teamObjs": [],
            "appObjs": []
        }
    ]
}

Example
The following call would be used to view a list of teams assigned to an agent group with an ID of "41667a70-5ba4-11e9-8b3d-77cb5333c2f1":
GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/41667a70-5ba4-11e9-8b3d-77cb5333c2f1/teams

GET AGENT GROUP PLUGIN DETAILS

Displays the plugin details associated with a specified agent group.

Definition
GET https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/plugins

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to display plugin details for.</td>
<td>41667a70-5ba4-11e9-8b3d-77cb5333c2f1</td>
</tr>
</tbody>
</table>

Response Sample
{
    "name": "sshd",
    "collectionTrigger": "SIMPLE",
    "collectionExpression": "57 * * * * *",
    "collectionInterval": 1,
    "publishTrigger": "CRON",
    "publishInterval": 1,
    "publishExpression": "0 1 0/1 * * ",
}
"timeUnit": "HOURS",
"agentid": "f47eb74e-7739-37ee-9015-ddf8b989d5c2",
"enabled": true
}, {
"name": "filesysteminfo",
"collectionTrigger": "SIMPLE",
"collectionExpression": "47 * * * *",
"collectionInterval": 60,
"publishTrigger": "CRON",
"publishInterval": 1,
"publishExpression": "55 * * * *",
"timeUnit": "SECONDS",
"agentid": "f47eb74e-7739-37ee-9015-ddf8b989d5c2",
"enabled": true
}, {
"name": "cpu",
"collectionTrigger": "SIMPLE",
"collectionExpression": "30 0/5 * * * *",

Example
The following call would be used to view the plugin details for an agent group with an ID of “41667a70-5ba4-11e9-8b3d-77cb5333c2f1”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/41667a70-5ba4-11e9-8b3d-77cb5333c2f1/plugins

GET AGENT GROUP PROPERTIES

Displays properties pertaining to a specified agent group.

Definition
GET https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/properties

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to display plugin details for.</td>
<td>41667a70-5ba4-11e9-8b3d-77cb5333c2f1</td>
</tr>
</tbody>
</table>

Response Sample

{
    "success": true,
    "data": {
        "General": {

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"agent.ip.logic": "default_router",
"ssl.keystore.location": "BUSHIDO_HOME/cert/server.keystore.jks",
"publisher.topic": "metric",
"file.content.plugin.path": "/boot/grub*/grub.cfg, /boot/grub2/user.cfg, /etc/audit/auditd.conf, /etc/audit/audit.rules, /etc/chrony.conf, /etc/chrony/chrony.conf, /etc/hosts.allow, /etc/hosts.deny, /etc/inetd.*, /etc/login.defs, /etc/motd, /etc/ntpd.conf, /etc/rsyslog.conf, /etc/rsyslog.d/*.conf, /etc/rsyslog.d/*.conf, /etc/security/pwquality.conf, /etc/sysconfig, /etc/ssh/sshd_config, /etc/syslog-ng.conf, /etc/pam.d/system-auth, /etc/pam.d/password-auth, /etc/pam.d/common-password, /etc/profile, /etc/*bashrc, /etc/security/limits.conf, /etc/security/limits.d/*",

"value.serializer": "org.apache.kafka.common.serialization.StringSerializer",
"agentmanager.properties": "agent.retry.threshold.time.ms, call.home.period, agent.auto.restart.ms, api.timeout.ms, manifest.task.start.ms, performance.delay.ms, version",
"file.scan.plugin.path": "/boot/grub*/grub.cfg, /etc/motd, /etc/issue, /etc/issue.net, /etc/hosts.all...

Example

The following call would be used to view the properties of an agent group with an ID of "41667a70-5ba4-11e9-8b3d-77cb5333c2f1":

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/41667a70-5ba4-11e9-8b3d-77cb5333c2f1/properties

ASSIGN TEAM TO AGENT GROUP

Assigns a team to a specified agent group.

Definition

PUT https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/teams/assign/{teamid}

Request Body

None

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
</table>

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### ASSIGN AGENT TO AGENT GROUP

Assigns an agent to a specified agent group.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/agents/assign

**Request Body**

`["<agentid>"]`

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to assign an agent to.</td>
<td>41667a70-5ba4-11e9-8b3d-77cb5333c2f1</td>
</tr>
<tr>
<td>agentid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the agent to assign.</td>
<td>c4f8afeb-3a40-3bc2-82e0-afbd54ff1336</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}
```
"success": true,
"status": "OK",
"description": "",
"message": ""
}

Example

The following call would be used to assign an agent with an ID of “c4f8afeb-3a40-3bc2-82e0-afbd54ff1336” to an agent group with an ID of “41667a70-5ba4-11e9-8b3d-77cb5333c2f1”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/41667a70-5ba4-11e9-8b3d-77cb5333c2f1/agents/assign/

Request Body
["c4f8afeb-3a40-3bc2-82e0-afbd54ff1336"]

**MOVE AGENT TO AGENT GROUP**

Reassigns an agent from one agent group to another.

**Definition**

POST https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/agents/move?domain=<domain>

**Request Body**
["<agentid>"]

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to move an agent to.</td>
<td>41667a70-5ba4-11e9-8b3d-77cb5333c2f1</td>
</tr>
<tr>
<td>domain</td>
<td>Yes</td>
<td>String</td>
<td>Name of the domain to move the agent to.</td>
<td>BUSHIDO-GENERAL</td>
</tr>
<tr>
<td>agentid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the agent to move.</td>
<td>c4f8afeb-3a40-3bc2-82e0-afbd54ff1336</td>
</tr>
</tbody>
</table>

**Response Sample**

```
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}
```
Example

The following call would be used to move an agent with an ID of “c4f8afeb-3a40-3bc2-82e0-afbd54ff1336” from the agent group it was assigned to over to another agent group with an ID of “41667a70-5ba4-11e9-8b3d-77cb5333c2f1” in the “BUSHIDO-GENERAL” domain:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/41667a70-5ba4-11e9-8b3d-77cb5333c2f1/agents/move?domain=BUSHIDO-GENERAL

Request Body

["c4f8afeb-3a40-3bc2-82e0-afbd54ff1336"]

UNASSIGN AGENT FROM AGENT GROUP

Unassigns an agent from a specified agent group.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/agentgroups/{groupid}/agents/unassign

Request Body

["<agentid>"]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>groupid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a group to unassign an agent from.</td>
<td>41667a70-5ba4-11e9-8b3d-77cb5333c2f1</td>
</tr>
<tr>
<td>agentid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the agent to unassign.</td>
<td>c4f8afeb-3a40-3bc2-82e0-afbd54ff1336</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true,
    "status": "OK",
    "description": "",
    "message": ""
}
```

Example

The following call would be used to unassign an agent with an ID of “c4f8afeb-3a40-3bc2-82e0-afbd54ff1336” from an agent group with an ID of “41667a70-5ba4-11e9-8b3d-77cb5333c2f1”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/agentgroups/41667a70-5ba4-11e9-8b3d-77cb5333c2f1/agents/unassign

Request Body
**ROLE DEFINITION**

**GET ROLE DEFINITIONS BY APPLICATION**

Displays a list of all Role Definitions registered for a specified application.

**Definition**

GET https://<Appliance IP>/kotoba/rest/v1.0/applications/{appid}/roledefinitions/all

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to display Role Definitions for.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
</tbody>
</table>

**Response Sample**

```
[
  {
    "key": {
      "appId": "452e5c60-10e2-3f0d-89c5-b4c33e9cc906",
      "rdId": "ee6870d0-bdf5-11e9-87a8-d1078c3c6f21",
      "state": "DRAFT"
    },
    "name": "newname",
    "nodeClassifier": "node window",
    "roleNameExp": "sfs",
    "roles": [],
    "priority": 3,
    "createTime": "2019-08-13T18:12:37.595Z",
    "lastUpdate": "2019-08-13T18:12:37.595Z",
    "updatedby": "admin"
  },
  {
    "key": {
      "appId": "452e5c60-10e2-3f0d-89c5-b4c33e9cc906",
      "rdId": "6708fa00-bad6-11e9-a0e9-c738719bb544",
      "state": "DRAFT"
    },
    "name": "2",
    "nodeClassifier": "testN",
    "roleNameExp": "REx2\n",
    "roles": [],
    "priority": 2,
    ...
```
Example

The following call would be used to view the RDs registered for an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/18bf9576-38e2-3e9c-9da7-b68869e16674/roledefinitions/all

GET ROLE DEFINITION

Displays general information pertaining to a specified Role Definition.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/applications/{appid}/roledefinitions/{rdname}/state/{state}

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application the specified RD belongs to.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>rdname</td>
<td>Yes</td>
<td>String</td>
<td>Name of an RD to view information for.</td>
<td>ee6870d0-bdf5-11e9-87a8-d1078c3c9b21</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>State of the RD to view information for.</td>
<td>DRAFT/DEPLOYED</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true,
    "data": {
        "key": {
            "appId": "452e5c60-10e2-3f0d-89c5-b4c33e9cc906",
            "rdId": "ee6870d0-bdf5-11e9-87a8-d1078c3c9b21",
            "state": "DRAFT"
        },
        "name": "newname",
        "nodeClassifier": "node window",
        "roleNameExp": "sfs",
        "roles": [],
        "priority": 3,
        "createTime": "2019-08-13T18:12:37.595Z",
        "lastUpdate": "2019-08-13T18:12:37.595Z",
        "updatedby": "admin"
    }
}```
Example

The following call would be used to view information pertaining to a draft RD named “RD1” assigned to an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

GET https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/18bf9576-38e2-3e9c-9da7-b68869e16674/roledefinitions/RD1/state/DRAFT

CREATE/UPDATE ROLE DEFINITION

Creates a new Role Definition or updates an existing Role Definition.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/roledefinitions/create

Request Body

```json
{
    "key": {
        "appId": "<appid>",
        "state": "<state>
    },
    "name": "<name>",
    "rolenameexpression": "<rolenameexpression>"
}
```

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application to create a new RD for.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>State of the RD to create or edit.</td>
<td>DRAFT</td>
</tr>
<tr>
<td>Name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the RD to create or edit.</td>
<td>RD1</td>
</tr>
<tr>
<td>rolenameexp</td>
<td>Yes</td>
<td>String</td>
<td>Name for the Role created by the RD.</td>
<td>ADSERVER</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true,
    "data": {
        "key": {
            "appId": "452e5c60-10e2-3f0d-89c5-b4c33e9cc906",
            "state": "DRAFT"
        }
    }
}
```
The following call would be used to create a new draft RD for an application with an ID of "18bf9576-38e2-3e9c-9da7-b68869e16674" named "RD1" with a Role Name Expression of "ADSERVER":

POST https://xxx.xxx.xxx.xxx/kotoba/rest/v1.0/roledefinitions/create

Request Body
{
    "key": {
        "appId": "18bf9576-38e2-3e9c-9da7-b68869e16674",
        "state": "DRAFT"
    },
    "name": "RD1",
    "roleNameExp": "ADSERVER"
}

DELETE ROLE DEFINITION

Deletes a specified Role Definition.

Definition
POST https://<Appliance IP>/kotoba/rest/v1.0/roledefinitions/delete

Request Body
[
    {
        "key": {
            "appId": "<appid>",
            "rdId": "<rdid>",
            "state": "<state>"
        }
    }
]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appId</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rdId</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>state</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>appId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application the specified RD is assigned to.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>--------</td>
<td>-----</td>
<td>------</td>
<td>--------------------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>rdId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the RD to delete.</td>
<td>ee6870d0-bdf5-11e9-87a8-d1078c3cfb21</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>State of the RD to delete.</td>
<td>DRAFT</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
   "success": true
}
```

**Example**

The following call would be used to delete a draft Role Definition with an ID of “ee6870d0-bdf5-11e9-87a8-d1078c3cfb21” assigned to an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

**POST** https://xxx.x.xxx.xx/kotoba/rest/v1.0/roledefinitions/delete

**Request Body**

```json
[{
   "key": {
      "appId": "18bf9576-38e2-3e9c-9da7-b68869e16674",
      "rdId": "ee6870d0-bdf5-11e9-87a8-d1078c3cfb21",
      "state": "DRAFT"
   }
}
```

**DEPLOY ROLE DEFINITION**

Deploys a specified Role Definition.

**Definition**

**POST** https://<Appliance IP>/kotoba/rest/v1.0/roledefinitions/deploy

**Request Body**

```json
[{
   "key": {
      "appId": "<appid>",
      "rdId": "<rdid>",
      "state": "<state>"
   }
}
```
Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application to deploy the specified RD to.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>rdId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the RD to deploy.</td>
<td>ee6870d0-bdf5-11e9-87a8-d1078c3cfb21</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>State of the RD to deploy.</td>
<td>DRAFT</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
   "success": true
}
```

Example

The following call would be used to deploy a draft RD with an ID of “ee6870d0-bdf5-11e9-87a8-d1078c3cfb21” to an application with an ID of “18bf9576-38e2-3e9c-9da7-b68869e16674”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/roledefinitions/deploy

Request Body

```json
[{
   "key": {
      "appId": "18bf9576-38e2-3e9c-9da7-b68869e16674",
      "rdId": "ee6870d0-bdf5-11e9-87a8-d1078c3cfb21",
      "state": "DRAFT"
   }
}
```

UNDEPLOY ROLE DEFINITION

Undeploys a specified Role Definition.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/roledefinitions/undeploy

Request Body

```json
[{
   "key": {
      "appId": "<appid>",
      "rdId": "<rdid>",
      "state": "<state>"
   }
}
```
Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application to deploy the specified RD to.</td>
<td>18bf9576-38e2-3e9c-9da7-b68869e16674</td>
</tr>
<tr>
<td>rdId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the RD to deploy.</td>
<td>ee6870d0-bdf5-11e9-87a8-d1078c3cfb21</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>State of the RD to deploy.</td>
<td>DRAFT</td>
</tr>
<tr>
<td>overwrite</td>
<td>Yes</td>
<td>Boolean</td>
<td>Designate “true” to overwrite an existing draft of the deployed RD. Designate “false” to undeploy without overwriting. The undeployed RD will not be saved.</td>
<td>true/false</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
    "success": true
}
```

Example

The following call would be used to undeploy a deployed RD with an ID of “ee6870d0-bdf5-11e9-87a8-d1078c3cfb21” from an application with an ID of “ee6870d0-bdf5-11e9-87a8-d1078c3cfb21” and overwrite the draft version of it currently being saved.

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/roledefinitions/undeploy

```json
[{
    "key": {
        "appId": "18bf9576-38e2-3e9c-9da7-b68869e16674",
        "rdId": "ee6870d0-bdf5-11e9-87a8-d1078c3cfb21",
        "state": "DEPLOYED"
    },
    "overwrite": true
}
```
GLOBAL APDS

DELETE GLOBAL APD

Deletes a specified Global APD.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/globalapds/deleteglobalapd

Request Body

[{
   "metricType": "<type>",
   "name": "<name>",
   "team": "<team>"
}
]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>metricType</td>
<td>Yes</td>
<td>String</td>
<td>Global APD type.</td>
<td>NETWORK/PROCESS</td>
</tr>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the Global APD to delete.</td>
<td>externaltestapd</td>
</tr>
<tr>
<td>team</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the team assigned to the specified Global APD.</td>
<td>30084152-5ddc-3079-a765-dbbd58f2391</td>
</tr>
</tbody>
</table>

Response Sample

{
   "success": true,
   "message": {
      "message": "Deleted Successfully",
      "code": "S"
   }
}

Example

The following call would be used to delete a Global Process APD named “externaltestapd” with a team with an ID of “30084152-5ddc-3079-a765-dbbd58f2391” assigned to it:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/globalapds/deleteglobalapd

Request Body

[{
   "metricType": "PROCESS",
   "name": "externaltestapd",
}]

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IMPORT GLOBAL APD

Imports a specified Global APD configuration.

Definition

https://<Appliance IP>/kotoba/rest/v1.0/globalapds/importfile

Content-Type

multipart/form-data; boundary=boundary_sample_text

Request Body

--boundary_sample_text
Content-Disposition: form-data; name="jsonObject"
Content-Type: application/json
Content-Transfer-Encoding: binary
{
  "name": "<globalapdname>",
  "team": "<team>",
  "type": "<type>"
}
--boundary_sample_text
Content-Disposition: form-data; name="glbAPDFileImport"
Content-Type: application/json
Content-Transfer-Encoding: binary

[{
  "isGlobal": false,
  "isDisabled": <true/false>,
  "priority": <rulepriority>,
  "ruleMap": {
    "command": {
      "values": [
        "<command>
      ],
      "isDisabled": <true/false>
    },
    "arguments": {
      "values": [
        "<arguments>
      ],
      "isDisabled": <true/false>
    }
  }
}
"executable": {
  "values": [
    "<executable>",
  ],
  "isDisabled": <true/false>
},
"user": {
  "values": [
    "<user>",
  ],
  "isDisabled": <true/false>
},
"threads": {
  "values": [
    "<threads>",
  ],
  "isDisabled": <true/false>
},
"cpu": {
  "values": [
    "<cpu>",
  ],
  "isDisabled": <true/false>
},
"fd": {
  "values": [
    "<fd>",
  ],
  "isDisabled": <true/false>
},
"scheduler": {
  "values": [
    "<CRONAPDSchedule>",
  ],
  "isDisabled": <true/false>
},
"metricType": "<NETWORK/PROCESS>"
}

---boundary_sample_text---

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Global APD name.</td>
<td>TeamExternalGlobalAPDTh1</td>
</tr>
<tr>
<td>team</td>
<td>Yes</td>
<td>String</td>
<td>ID of the team to assign to the Global APD.</td>
<td>8c14f93b-52cf-3da1-93d5-85710c6eb62b</td>
</tr>
<tr>
<td>------------</td>
<td>-----</td>
<td>--------</td>
<td>---------------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Global APD type.</td>
<td>NETWORK/PROCESS</td>
</tr>
<tr>
<td>metrictype</td>
<td>Yes</td>
<td>String</td>
<td>Global APD type.</td>
<td>NETWORK/PROCESS</td>
</tr>
</tbody>
</table>

Response

Example

https://xxx.xx.xxx.x/kotoba/rest/v1.0/globalapds/importfile

Request Body

```bash
--boundary_sample_text
Content-Disposition: form-data;
name="jsonObject"
Content-Type: application/json
Content-Transfer-Encoding: binary
{
  "name": "TestExternalGlobalAPDTh1",
  "team": "8c14f93b-52cf-3da1-93d5-85710c6eb62b",
  "type": "PROCESS"
}
--boundary_sample_text
Content-Disposition: form-data;
name="glbAPDFileImport"
Content-Type: application/json
Content-Transfer-Encoding: binary

[
  {
    "isGlobal": true,
    "isDisabled": false,
    "priority": 1,
    "ruleMap": {
      "command": {
        "values": ["0anacron"],
        "isDisabled": false,
        "type": "string",
        "isValid": true
      },
      "arguments": {
        "values": ["/bin/(ba)?sh\n/etc/cron\/.hourly/0anacron ?"]
      };
    };
    "isDisabled": false,
    "type": "string",
    "isValid": true
  }
]```
EXPORT GLOBAL APD

Exports a specified Global APD to a JSON file.
Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/globalapds/exportfile?name=<name>&type=<type>&teamid=<teamid>

Request Body
None

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>Yes</td>
<td>String</td>
<td>Name of the Global APD to delete.</td>
<td>externaltestapd</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>Global APD type.</td>
<td>NETWORK/PROCESS</td>
</tr>
<tr>
<td>team</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the team assigned to the specified Global APD.</td>
<td>30084152-5ddc-3079-a765-dbbcd58f2391</td>
</tr>
</tbody>
</table>

Response Sample

Example

The following call would be used to export a Global Process APD named “externaltestapd” assigned to a team with an ID of “30084152-5ddc-3079-a765-dbbcd58f2391”:

POST https://xxx.xxx.xxx.xxx/kotoba/rest/v1.0/globalapds/exportfile?name=externaltestapd&type=PROCESS&teamid=30084152-5ddc-3079-a765-dbbcd58f2391

APDS

IMPORT APD

Imports a specified APD configuration.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/apds/importfile

Request Body

```json
{
    "globalAPDs": [
    ],
}
```
"rules": [{
  "isGlobal": false,
  "isDisabled": <true/false>,
  "priority": <rulepriority>,
  "ruleMap": {
    "command": {
      "values": [
        "<command>"
      ],
      "isDisabled": <true/false>
    },
    "arguments": {
      "values": [
        "<arguments>"
      ],
      "isDisabled": <true/false>
    },
    "executable": {
      "values": [
        "<executable>"
      ],
      "isDisabled": <true/false>
    },
    "user": {
      "values": [
        "<user>"
      ],
      "isDisabled": <true/false>
    },
    "threads": {
      "values": [
        "<threads>"
      ],
      "isDisabled": <true/false>
    },
    "cpu": {
      "values": [
        "<cpu>"
      ],
      "isDisabled": <true/false>
    },
    "fd": {
      "values": [
        "<fd>"
      ],
      "isDisabled": <true/false>
    },
    "scheduler": {
      "values": [
        "<CRONAPDSchedule>"
      ]
    }
  }
}
Each category in the rulemap section of the request body has the following parameters:

- **Values**, describing the whitelisted category behavior (with this exception of the “scheduler” category)
- **isDisabled**, describing whether the category is enabled or disabled.

The categories are as follows:

- command – Commands.
- arguments – Arguments.
- executable – Executables.
- user – User identities.
- threads – Threads.
- cpu – CPU utilization.
- fd – File descriptors.
- scheduler – CRON schedule for the whitelisted behavior.

**Response**

- **Example**

**POST** https://xxx.xx.xxx.x/kotoba/rest/v1.0/apds/importfile

**Request Body**

```json
[
    {
        "isGlobal": false,
```

"isDisabled": true,
"priority": 6,
"ruleMap": {
  "command": {
    "values": [
      "wf1"
    ],
    "isDisabled": false
  },
  "arguments": {
    "values": [
    ],
    "isDisabled": true
  },
  "executable": {
    "values": [
    ],
    "isDisabled": true
  },
  "user": {
    "values": [
    ],
    "isDisabled": true
  },
  "threads": {
    "values": [
    ],
    "isDisabled": true
  },
  "cpu": {
    "values": [
    ],
    "isDisabled": true
  },
  "fd": {
    "values": [
      "6-9"
    ],
    "isDisabled": false
  },
  "scheduler": {
    "values": [
      "* * * * *"
    ],
    "isDisabled": false
  }
}
EXPORT APD

Exports a specified APD to a JSON file.

Definition

GET https://<Appliance IP>/kotoba/rest/v1.0/apds/exportfile?appname=<name>&state=<state>&identifier=<role>&type=<type>&roletype=<roletype>&isminify=<true/false>

Request Body

None

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appname</td>
<td>Yes</td>
<td>String</td>
<td>Name of the application the APD has been configured for.</td>
<td>externalappl</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>State of the APD.</td>
<td>DRAFT/DEPLOYED</td>
</tr>
<tr>
<td>identifier</td>
<td>Yes</td>
<td>String</td>
<td>Name of the Role the APD has been configured for.</td>
<td>AD SERVER</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>APD type.</td>
<td>NETWORK/PROCESS</td>
</tr>
<tr>
<td>roletype</td>
<td>Yes</td>
<td>String</td>
<td>Designate “AGENTROLE” if the APD was configured for a Server Role.</td>
<td>AGENTROLE/RD</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Designate “RD” if the APD was configured for an RD.</td>
<td></td>
</tr>
<tr>
<td>isminify</td>
<td>Yes</td>
<td>Boolean</td>
<td>Designate “true” to export in a minified JSON format.</td>
<td>true/false</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Designate “false” for a normal JSON format.</td>
<td></td>
</tr>
</tbody>
</table>
Response Sample

Example

The following call would be used to export a process APD in the draft state configured for the “AD SERVER” Server Role in an application named “externalapp1”. The resulting JSON file will not be in a minified format.

GET
https://xxx.x.xxx.xx/kotoba/rest/v1.0/apds/exportfile?appname=externalapp1&state=DRAFT&identifier=AD%20SERVER&type=PROCESS&roletype=AGENTROLE&isminify=false

RULEPACKS

ASSIGN RULEPACK

Assigns rules from a specified Rulepack to an application.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/applications/rulepacks/assign

Request Body

[{
"appIds": ["<appid>"],
"appRulePacks": [{
"rulePackId": "<rulepackid>",
"desc": "<rulepackdescription>",
"version": "<version>",
"state": "<state>",
"profileType": ["GENERAL"],
"category": "<rulepackcategory>",
"assignRules": [{
"ruleid": "<ruleid>",
"metaData": [{
"key": {
"keyName": "<metadatakey>"
},
"description": "<metadatadescription>",
"value": "<metadatavalue>"
}
"workFlow": "<workflow>"
}]
}
}]
},
  "role": "<role>",
  "type": "<AGENTROLE/RD>"
}
]

**Parameters**

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appIds</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of an application to assign a Rulepack to.</td>
<td>70cac4f9-ceca-3522-b076-9bbc572e9703</td>
</tr>
<tr>
<td>rulePackID</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the Rulepack to assign rules from.</td>
<td>99d5e370-5f2c-11e6-a27f-db2318584f13</td>
</tr>
<tr>
<td>desc</td>
<td>Yes</td>
<td>String</td>
<td>Description (name) of the Rulepack.</td>
<td>Process</td>
</tr>
<tr>
<td>version</td>
<td>Yes</td>
<td>String</td>
<td>Rulepack version.</td>
<td>4215</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>Rulepack state.</td>
<td>prod/nonprod</td>
</tr>
<tr>
<td>category</td>
<td>Yes</td>
<td>String</td>
<td>Rulepack category.</td>
<td>PROCESS</td>
</tr>
<tr>
<td>ruleid</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of a rule to assign.</td>
<td>cd258769-bb22-4a77-aae3-10b14d21c6a8</td>
</tr>
<tr>
<td>keyName</td>
<td>Yes</td>
<td>String</td>
<td>Metadata key name.</td>
<td>processwithdifferentargument</td>
</tr>
<tr>
<td>description</td>
<td>Yes</td>
<td>String</td>
<td>Metadata key description.</td>
<td>Severity of process with different argument</td>
</tr>
<tr>
<td>value</td>
<td>Yes</td>
<td>String</td>
<td>Metadata value.</td>
<td>NORMAL</td>
</tr>
<tr>
<td>workflow</td>
<td>Yes</td>
<td>String</td>
<td>Workflow. Designate “No Workflow” if none.</td>
<td>No Workflow</td>
</tr>
<tr>
<td>role</td>
<td>Yes</td>
<td>String</td>
<td>Server Role of the application to assign Rules to.</td>
<td>AD SERVER</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>AGENTROLE/RD.</td>
<td>AGENTROLE</td>
</tr>
</tbody>
</table>

**Response Sample**

```json
{
  "success": true
}
```
Example

The following call would be used to assign two separate rules from a Rulepack with an ID of “99d5e370-5f2c-11e6-a27f-db2318584f13” to the “AD SERVER” Server Role of an application with an ID of “70cac4f9-ceca-3522-b076-9bbc572e9703”:

POST https://xxx.x.xxx.xx/kotoba/rest/v1.0/applications/rulepacks/assign

Request Body

```
{
  "appIds": ["70cac4f9-ceca-3522-b076-9bbc572e9703"],
  "appRulePacks": [{
    "rulePackId": "99d5e370-5f2c-11e6-a27f-db2318584f13",
    "desc": "Process",
    "version": "4215",
    "state": "prod",
    "profileType": ["GENERAL"],
    "category": "PROCESS",
    "assignRules": [{
      "ruleId": "cd258769-bb22-4a77-aae3-10b14d21c6a8",
      "metaData": [{
        "key": {
          "keyName": "processwithdifferentargument"
        },
        "description": "Severity of process with different argument",
        "value": "NORMAL"
      }],
      "workFlow": "No Workflow"
    }, {
      "ruleId": "9876b39f-188f-43c4-895b-7651325c64e9",
      "metaData": [{
        "key": {
          "keyName": "processthreadcount"
        },
        "description": "Severity of process thread count",
        "value": "CRITICAL"
      }],
      "key": {
        "keyName": "threadcountfactor"
      }
    }]
  }
}
```
thread count factor",
          "value": "10"
        ],
        "workFlow": "No Workflow"
      }
    ],
    "role": "AD SERVER",
    "type": "AGENTROLE"
  }
}

UNASSIGN RULEPACK

Unassigns a Rulepack from a specified application.

Definition

POST https://<Appliance IP>/kotoba/rest/v1.0/applications/rulepacks/unassign

Request Body

[{
  "appIds": ["<appid>"],
  "role": "<role>",
  "type": "<AGENTROLE/RD>",
  "appRulePacks": [{
    "rulePackId": "<rulepackid>",
    "desc": "<rulepackdescription>",
    "version": "<version>",
    "state": "<state>"
  }
  ]
}]

Parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>Required</th>
<th>Type</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>appId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the application to unassign a Rulepack from.</td>
<td>70cac4f9-ceca-3522-b076-9bbc572e9703</td>
</tr>
<tr>
<td>role</td>
<td>Yes</td>
<td>String</td>
<td>ID of the Server Role to unassign a Rulepack from.</td>
<td>AD_SERVER</td>
</tr>
<tr>
<td>type</td>
<td>Yes</td>
<td>String</td>
<td>AGEN ROLE/RD.</td>
<td>AGENTROLE</td>
</tr>
<tr>
<td>rulePackId</td>
<td>Yes</td>
<td>UUID</td>
<td>ID of the Rulepack to unassign.</td>
<td>99d5e370-5f2c-11e6-a27f-db2318584f13</td>
</tr>
<tr>
<td>desc</td>
<td>Yes</td>
<td>String</td>
<td>Description (name) of the Rulepack to unassign.</td>
<td>Process</td>
</tr>
<tr>
<td>version</td>
<td>Yes</td>
<td>String</td>
<td>Rulepack version.</td>
<td>4215</td>
</tr>
<tr>
<td>state</td>
<td>Yes</td>
<td>String</td>
<td>Rulepack state.</td>
<td>prod</td>
</tr>
</tbody>
</table>

Response Sample

```json
{
   "success": true,
   "message": {
      "message": "Rulepack successfully unassigned",
      "code": "S"
   }
}
```

Example

The following call would be used to unassign a Rulepack named “Process” with an ID of “99d5e370-5f2c-11e6-a27f-db2318584f13” from the “AD SERVER” server role of an application with an ID of “70cac4f9-ceca-3522-b076-9bbc572e9703”. The associated parameters of this call can be found under the Example column in the Parameters section above.

POST https://xxx.xxx.xxx.xx/kotoba/rest/v1.0/applications/rulepacks/unassign

Request Body

```json
[
   {
      "appIds": ["70cac4f9-ceca-3522-b076-9bbc572e9703"],
      "role": "AD SERVER",
      "type": "AGENTROLE",
      "appRulePacks": [
         {
            "rulePackId": "99d5e370-5f2c-11e6-a27f-db2318584f13",
            "desc": "Process",
            "version": "4215",
            "state": "prod"
         }
      ]
   }
]
```