

# Org and Space Management

## Introduction:

Organization and Space management is an XS Advanced Administration tool which allows the administrator of the XS Advanced on premise system to manage the organization and spaces.

Organizations enable developers to collaborate by sharing resources, services, and applications. Access to the shared resources, services, and applications is controlled by roles, for example, "Org Manager" or "Org Auditor"; the role defines the scope of the permissions assigned to the named user in the organization. In an organization, spaces enable users to access shared resources that can be used to develop, deploy, and maintain applications. Access to the resources is controlled by roles, for example, "Space Manager", "Space Developer" or "Space Auditor", the role defines the scope of the permissions assigned to the named user in the organizational space.

## Prerequisites:

To access the Organization and Space Management tool, the users should have one of the following role collections assigned to them.

- XS\_CONTROLLER\_ADMIN
- XS\_CONTROLLER\_USER
- XS\_CONTROLLER\_AUDITOR

Related information: [Login with HANA users.](#)

## Actions permitted:

Based upon the organization or space role assigned, the user can perform certain actions.

- Org Manager:

An organization manager can

1. Rename the organization he/she is in.
2. Create a Space within his/her organization.
3. Rename already existing Spaces.
4. Delete a Space.
5. Assign organization and space level roles to the user.

- Org Auditor:

An Organization auditor has read-only privilege within his/her organization.

- Space Manager:

A space manager can

1. Rename the space he/she is in.
2. Assign space level roles to the user.

- Space Auditor:

A space auditor has read-only privilege within his/her space.

- Space Developer:

A space developer can

1. Deploy, start, and stop an application.
2. Bind or unbind an application and service.
3. View details of applications running in the space.

## APIs Used:

- **COMPONENT : Controller . METHOD : GET**

REASON	API ENDPOINT
List all Organizations	/v2/organizations
List all Spaces for the Organization	/v2/spaces?q=organizationGuid:org_guid
List all Managers for the Organization	/v2/organizations/:org_guid/managers
List all Auditors for the Organization	/v2/organizations/:org_guid/auditors
List all Managers for the Space	/v2/spaces/:space_guid/managers

List all Auditors for the Space	/v2/spaces/:space_guid/auditors
List all Developers for the Space	/v2/spaces/:space_guid/developers

- **COMPONENT** : Controller, **METHOD** : POST

REASON	API ENDPOINT	REQUEST BODY
Create an Organization	/v2/organizations	{"name" : org_name }
Create a Space	/v2/spaces	{"name" : space_name , "organization_guid" : org_guid}

- **COMPONENT** : Controller, **METHOD** : PUT

REASON	API ENDPOINT	REQUEST BODY
Update an Organization	/v2/organizations/:org_guid	{"name" : org_name}
Update a Space	/v2/spaces/:space_guid	{"name": space_name, "organization_guid" : org_guid}
Associate Manager with the Organization	/v2/organizations/:guid/managers/:manager_guid	-
Associate Auditor with the Organization	/v2/organizations/:guid/auditors/:auditor_guid	-
Associate Manager with the Space	/v2/spaces/:guid/managers/:manager_guid	-
Associate Auditor with the Space	/v2/spaces/:guid/auditors/:auditor_guid	-
Associate Developer with the Space	/v2/spaces/:guid/developers/:developer_guid	-

- **COMPONENT** : Controller, **METHOD** : DELETE

REASON	API ENDPOINT
Delete an Organization	/v2/organizations/:org_guid
Delete a Space	/v2/spaces/:space_guid
Remove Manager from the Organization	/v2/organizations/:guid/managers/:manager_guid
Remove Auditor from the Organization	/v2/organizations/:guid/auditors/:auditor_guid
Remove Manager from the Space	/v2/spaces/:guid/managers/:manager_guid
Remove Auditor from the Space	/v2/spaces/:guid/auditors/:auditor_guid
Remove Developer from the Space	/v2/spaces/:guid/developers/:developer_guid

- **COMPONENT** : UAA , **METHOD** : GET

REASON	API ENDPOINT
Get Logged in user's information	/rest/userinfo
Get User information from UAA using user id	/sap/rest/user/:user_id
Get User information from UAA using user name	/sap/rest/user/name/:user_name