



Tenants

Avi Technical Reference (v16.3)

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Tenants

[view online](#)

A tenant is an isolated instance of Avi Vantage. Each Avi Vantage user account is associated with one or more tenants. The tenant associated with a user account defines the resources that user can access within Avi Vantage. When a user logs in, Avi Vantage restricts their access to only those resources that are in the same tenant.

If a user is associated with multiple tenants, each tenant still isolates the resources that belong to that tenant from the resources in other tenants. To access resources in another tenant, the user must switch the focus of the management session to that other tenant.

Note: For information on switching a management session from one tenant to another, [click here](#).

Default Tenant

By default, all resources belong to a single, global tenant: admin. The admin tenant contains all Avi Vantage resources.

The default admin user account belongs to the admin tenant and therefore can access all resources.

If no additional tenants are created, all new Avi Vantage user accounts are automatically added to the admin tenant.

Tenant-to-Role Mapping

Within each user account, the role selected for the user is mapped to a tenant. If only one tenant is defined (the default admin tenant), this tenant is automatically mapped to the role selected for the user. This allows the user to access all resources, to the extent (write, read, or no access) allowed by their role.

Creating additional tenants allows a user account to have multiple roles. In this case, within the user account, each role can be mapped individually to a tenant. Or, optionally, a single role can be mapped to all tenants.

If a single role is mapped to all tenants, the default tenant for that user must be selected. The default tenant is the one the user is placed into when logging into Avi Vantage. After logging in, the user can switch the management session to other tenants as needed.

All Tenants View-only Tenant for Super Users

Avi Vantage user accounts that are enabled for super user access automatically have access to a special read-only tenant: All Tenants. The All Tenants view provides read-only access to all resources within Avi Vantage.

The [All Tenants](#) tenant cannot be mapped to any roles within a user account. The All Tenants tenant is automatically made available to all super user accounts.

Create a Tenant

To create a tenant:

1. Navigate to Administration > Tenants, and click Create.
2. Enter a name for the new tenant.
3. Optionally, enter a description.
4. Click Save.

The new tenant appears in the tenant table.

Name	Num Users	Admin Users	Other Users
CustomerEducation	2	admin, student2	
EngineeringEducation	1	admin	
SalesEducation	1	admin	
SystemsEngineeringEducation	1	admin	
admin	1	admin	

The *admin* account is automatically added to each new tenant.

Add an Existing User to a Tenant

To add a user to a tenant:

1. Navigate to Administration > Users.
2. Click on the edit icon next to the user name.
3. Click Add Tenant and select the new tenant. (If the new tenant does not exist yet, click Create Tenant.) A new set of mapping fields appears.

Edit User: student2

• User Information •

User Status: ✔ Active

Name*: customer_education_user_2

Username*: student2

Password*:

Email: student2@avinetworks.com

Super User

User Profile: Default-User-Account-Profile

Use single role for all tenants

Tenants and Role

+ Add Tenant

Search: e*

admin

SalesEducation

EngineeringEducation

SystemsEngineeringEducation

Create Tenant

Tenant-Admin

Cancel Save

- 4. Select the role from the Role pull-down list.

The screenshot shows the 'Edit User: student2' interface. The 'User Information' section includes fields for Name (customer_education_user_2), Username (student2), Password (masked), and Email (student2@avinetworks.com). There are checkboxes for 'Active' (checked), 'Use single role for all tenants', and 'Super User'. A 'Tenants and Role' section contains a table with columns for 'Tenant' and 'Role *'. The table has three rows: the first with 'CustomerEducation' and 'Tenant-Admin', the second with 'EngineeringEducation' and 'Select Role', and the third with 'CustomerEducation' and 'Security-Admin'. A 'Role *' dropdown menu is open, showing a search bar and a list of roles: 'Security-Admin', 'Application-Operator' (highlighted), 'Tenant-Admin', and 'Application-Admin'. A 'Create' button is at the bottom of the dropdown. The interface also has 'Cancel' and 'Save' buttons at the bottom.

- 5. Click the trash can next to any mapping that is no longer needed.

Edit User: student2

• User Information •

User Status
 Active

Name*
customer_education_user_2

Username*
student2

Password*
.....



Email
student2@avinetworks.com

Super User

User Profile
Default-User-Account-Profile

Use single role for all tenants

Tenants and Role
[+ Add Tenant](#)

Tenant CustomerEducation	Role* Tenant-Admin	
Tenant EngineeringEducation	Role* Application-Ope...	

Default Tenant*
CustomerEducation

Cancel Save

After the unneeded mapping is deleted:

Edit User: student2
✕

• User Information •

User Status

✔ ● **Active**

Name*

Username*

Password*

Email

Super User

User Profile

Use single role for all tenants

Tenants and Role

+ Add Tenant

Tenant

Role*

▼ 🗑️

Cancel
Save

6. Click Save.

The tenants table reappears, showing the change.

Administration							
Accounts Settings Controller System							
Users User Profiles Roles Tenants							
Username	Super User	Status	Full Name	Email	Role	Last Signed In	
student1	No	Active	generic_education_user_1	student1@avinetworks.com	All Tenants (role: Tenant-Admin)	Last login 5 days ago from 10.9.0.44	
student2	No	Active	customer_education_user_2	student2@avinetworks.com	EngineeringEducation (role: Application-Operator)	Last login 5 days ago from 10.9.0.44	
admin	Yes	Active	System Administrator		admin (role: System-Admin), SalesEducation (role: Te...	Online since 43 minutes ago from L...	

Single Role for All Tenants

This option allows the user account to access any tenant from the same role. In this case, the default tenant must be selected. The default tenant is the one into which the user is placed after logging in.

In the following example, generic_education_user_1 is allowed to access all tenants, with a role of Tenant-Admin, and will automatically be placed into CustomerEducation tenant after login.

Edit User: student1

• User Information •

User Status
 Active

Name*
generic_education_user_1

Username*
student1

Password*
.....

Email
student1@avinetworks.com

Super User

User Profile
Default-User-Account-Profile

Use single role for all tenants *
Tenant-Admin

Default Tenant *
CustomerEducation

Cancel Save