



# Configuring Administrator Roles for Managing a Service Configuration

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## About Privileges

You can grant privileges to the roles that you configure in the Application Policy Infrastructure Controller (APIC). Privileges determine what tasks a role is allowed to perform. You can grant the following privileges to the administrator roles:

Privilege	Description
nw-svc-policy	The network service policy privilege enables you to do the following: <ul style="list-style-type: none"><li>• Create a service graph template</li><li>• Attach a service graph template to an application endpoint group (EPG) and a contract</li><li>• Monitor a service graph</li></ul>
nw-svc-device	The network service device privilege enables you to do the following: <ul style="list-style-type: none"><li>• Create a device</li><li>• Create a concrete device</li><li>• Create a device context</li></ul>

**Note**

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Only the infrastructure administrator can upload a device package to the APIC.

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## Configuring a Role for Device Management

To enable a role to manage devices, you must grant the following privilege to that role:

- `nw-svc-device`

## Configuring a Role for Service Graph Template Management

To enable a role to manage service graph templates, you must grant the following privilege to that role:

- `nw-svc-policy`

## Configuring a Role for Uploading Device Package

A device package can be uploaded only with the APIC infra admin privilege. Infra admin uploads the device packages. All other tenant administrators have read-only access to the device package. Tenant administrators can access and use various functions available from the device package.

## Configuring a Role for Exporting Devices

Devices can be exported to enable sharing of devices among tenants. A tenant with the role **nw-device** can create a device. If the tenant that owns the device wants to share these with another tenant, the sharing requires the **nw-svc-devshare** privilege.

The **nw-svc-devshare** privilege allows a tenant to be able to export devices.

**Note**

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To be able to use imported devices, other tenants that have imported devices need to have the **nw-svc-policy** privilege.

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