



# VNF and VM Operations Using ESC Portal

You can perform VNF operations such as starting, stopping and rebooting using the portal. The VNF operations can be performed on deployed VNFs depending on the state of the deployment.

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## Performing VNF Operations

To perform VNF operations:

### Procedure

- Step 1** Choose **Deployments**.
- Step 2** Select a VNF on the deployments page.
- Note** The operations are enabled depending on the state of the deployment.
- Step 3** Click the necessary operation from the table toolbar. See the table below for the list of operations you can perform.

The VNFs must be in the following deployment states to perform the operations:

VNF operations	Deployment state
Enable Monitor	Inert or Error
Disable Monitor	Active
Start VNF	Stopped
Stop VNF	Active or Inert
Reboot VNF	Active or Inert
Recover VNF	Error

VNF operations	Deployment state
Monitor and Recover VNF (Manual Recovery)	Error

## Performing VM Operations

To perform VM operations:

### Procedure

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- Step 1** Choose **Deployments**.
- Step 2** Select a VNF on the deployments page.
- Note** The operations are enabled depending on the state of the deployment.
- Step 3** Click View VM Groups.
- Step 4** Under VM Group Instances, select an operation. See the table below for the list of operations you can perform.
- Step 5** Click Confirm.

The VMs must be in the following deployment states to perform the operations:

VM operations	Deployment state
Enable Monitor	Inactive or Error
Disable Monitor	Active
Start VM	Shutoff
Stop VM	Active or Inactive
Reboot VM	Active or Inactive
Recover VM	Error