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Known limitations of using Cisco ISE on OCI

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- The Cisco ISE upgrade workflow is not supported for OCI. Only fresh installs are supported. However, you can back up and restore configuration data. For information on upgrading hybrid Cisco ISE deployments, refer to "Upgrade Guidelines for Hybrid Deployments".
- The public cloud supports only Layer 3 features. Cisco ISE nodes on OCI do not support functions that depend on Layer 2 capabilities. For example, DHCP SPAN profiler probes and CDP protocol functions that are accessed through the Cisco ISE CLI are not supported.
- To enable IPv6 addresses in Cisco ISE, configure an IPv6 address in the OCI portal for Cisco ISE and restart interface Gigabit Ethernet 0. Log in as an administrator in the Cisco ISE Serial Console and run these commands:

```
#configure terminal
Entering configuration mode terminal
(config)#interface GigabitEthernet 0
(config-GigabitEthernet-0)#shutdown
(config-GigabitEthernet-0)#no shutdown
(config-GigabitEthernet-0)#exit
(config)#exit
```

- When you carry out the restore and backup function of configuration data, after the backup operation is complete, first restart Cisco ISE through the CLI. Then, initiate the restore operation from the Cisco ISE GUI. For more information on the Cisco ISE backup and restore processes, refer to the chapter "Maintain and Monitor" in the *Cisco ISE Administrator Guide* for your release.
- SSH access to Cisco ISE CLI using password-based authentication is not supported in OCI. You can only access the Cisco ISE CLI through a key pair. Store this key pair securely.

  If you lose your Private Key (or PEM) file, you cannot access the Cisco ISE CLI.

  Any integration that uses a password-based authentication method to access Cisco ISE CLI is not supported, for example, Cisco Catalyst Center 2.1.2 and earlier releases.