



# **Preparing the network for transition**

## **ONTAP 7-Mode Transition**

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# Preparing the network for transition

You must prepare the data network of the cluster for transition by creating logical ports (VLANs and interface groups).

The NTP server must be configured and the time must be synchronized across the 7-Mode systems and cluster.

## Steps

1. Create VLANs or interface groups on the target cluster nodes, if required:

```
network port vlan create
```

or

```
network port ifgrp create
```

To provide network connectivity after transition, you should transition the 7-Mode IP addresses to a similar network topology in ONTAP. For example, if the 7-Mode IP addresses are configured on physical ports, the IP addresses should be transitioned to appropriate physical ports in ONTAP. Similarly, IP addresses configured on VLAN ports or interface groups should be transitioned to appropriate VLAN ports or interface groups in ONTAP.

2. If you want SVMs in the non-default IPspace, create the required IPspaces:

```
network ipspace create
```

The 7-Mode IP addresses or the new LIFs that are selected for transition are created in the IPspace of the mapped SVM.



IPv6 addresses cannot be transitioned and must be configured manually post-transition.

## Related information

[Network and LIF management](#)

## Considerations for transitioning 7-Mode IP addresses

You must be aware of certain considerations when transitioning 7-Mode IP addresses to storage virtual machines (SVMs) in ONTAP.

- You can transition existing 7-Mode IP addresses or specify new IP addresses to be configured on the SVM by using the 7-Mode Transition Tool.
  - Existing 7-Mode IP addresses are created on the SVM in the administrative `down` state in the apply configuration (precutover) phase.
  - New IP addresses are created on the SVM in the administrative `up` state in the apply configuration (precutover) phase.
- IPv6 addresses cannot be transitioned and must be manually configured after the transition.
- iSCSI and FC LIFs are not transitioned and must be manually configured after the transition.

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