



# Create a broadcast domain

ONTAP 9

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You must create a broadcast domain for a custom IPspace. The SVMs created in the IPspace use the ports in the broadcast domain.



This task is relevant for ONTAP 9.0 - 9.7, not ONTAP 9.8.

## Before you begin

You must be a cluster administrator to perform this task.

## About this task

The port to which a LIF fails over must be a member of the failover group for the LIF. When you create a broadcast domain, ONTAP automatically creates a failover group with the same name. The failover group contains all the ports assigned to the broadcast domain.

## Steps

1. Create a broadcast domain.

```
network port broadcast-domain create -ipspace ipspace1 -broadcast-domain  
-ipspace1 -mtu 1500 -ports node1:e0d,node1:e0e,node2:e0d,node2:e0e
```

2. Verify that the broadcast domain configuration is correct.

- a. Verify the broadcast domain is correct:

```
network port broadcast-domain show
```

- b. Verify the network port is correct:

```
network port show
```

- c. Verify the failover group names and failover targets are correct:

```
network interface failover-groups show
```

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