



Add or remove ports from a broadcast domain

ONTAP 9

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Add or remove ports from a broadcast domain

You can add network ports when initially creating a broadcast domain, or you can add ports to, or remove ports from, a broadcast domain that already exists. This allows you to efficiently use all the ports in the cluster.

Before you begin

- Ports you plan to add to a broadcast domain must not belong to another broadcast domain.
- Ports that already belong to an interface group cannot be added individually to a broadcast domain.

About this task

The following rules apply when adding and removing network ports:

| When adding ports... | When removing ports... |
|---|--|
| The ports can be network ports, VLANs, or interface groups (ifgrps). | N/A |
| The ports are added to the system-defined failover group of the broadcast domain. | The ports are removed from all failover groups in the broadcast domain. |
| The MTU of the ports is updated to the MTU value set in the broadcast domain. | The MTU of the ports is unchanged. |
| The IPspace of the ports is updated to the IPspace value of the broadcast domain. | The ports are moved to the 'Default' IPspace with no broadcast domain attribute. |



If you remove the last member port of an interface group using the `network port ifgrp remove-port` command, it causes the interface group port to be removed from the broadcast domain because an empty interface group port is not allowed in a broadcast domain.

Steps

1. Display the ports that are currently assigned or unassigned to a broadcast domain by using the `network port show` command.
2. Add or remove network ports from the broadcast domain:

| If you want to... | Use... |
|--------------------------------------|---|
| Add ports to a broadcast domain | <code>network port broadcast-domain add-ports</code> |
| Remove ports from a broadcast domain | <code>network port broadcast-domain remove-ports</code> |

For more information about these commands, see [ONTAP 9 commands](#).

Examples of adding and removing ports

The following command adds port e0g on node cluster-1-01 and port e0g on node cluster-1-02 to broadcast

domain bcast1 in the Default IPspace:

```
cluster-1::> network port broadcast-domain add-ports -broadcast-domain bcast1
-ports cluster-1-01:e0g,cluster1-02:e0g
```

The following command adds two cluster ports to broadcast domain Cluster in the Cluster IPspace:

```
cluster-1::> network port broadcast-domain add-ports -broadcast-domain Cluster
-ports cluster-2-03:e0f,cluster2-04:e0f -ip-space Cluster
```

The following command removes port e0e on node cluster1-01 from broadcast domain bcast1 in the Default IPspace:

```
cluster-1::> network port broadcast-domain remove-ports -broadcast-domain bcast1
-ports cluster-1-01:e0e
```

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