



# Change subnet properties

ONTAP 9

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May 14, 2021

This PDF was generated from [https://docs.netapp.com/us-en/ontap/networking/change\\_subnet\\_properties.html](https://docs.netapp.com/us-en/ontap/networking/change_subnet_properties.html) on July 15, 2021. Always check docs.netapp.com for the latest.

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You can change the subnet address and mask value, gateway address, or range of IP addresses in an existing subnet.

## About this task

- When modifying IP addresses, you must ensure there are no overlapping IP addresses in the network so that different subnets, or hosts, do not attempt to use the same IP address.
- If you add or change the gateway IP address, the modified gateway is applied to new SVMs when a LIF is created in them using the subnet. A default route to the gateway is created for the SVM if the route does not already exist. You may need to manually add a new route to the SVM when you change the gateway IP address.

## Step

Modify subnet properties:

```
network subnet modify -subnet-name <subnet_name> [-ipSPACE <ipSPACE_name>]  
[-subnet <subnet_address>] [-gateway <gateway_address>] [-ip-ranges  
<ip_address_list>] [-force-update-lif-associations <true>]
```

- `subnet_name` is the name of the subnet you want to modify.
- `ipSPACE` is the name of the IPspace where the subnet resides.
- `subnet` is the new address and mask of the subnet, if applicable; for example, 192.0.2.0/24.
- `gateway` is the new gateway of the subnet, if applicable; for example, 192.0.2.1. Entering "" removes the gateway entry.
- `ip_ranges` is the new list, or range, of IP addresses that will be allocated to the subnet, if applicable. The IP addresses can be individual addresses, a range of IP addresses, or a combination in a comma-separated list. The range specified here replaces the existing IP addresses.
- `force-update-lif-associations` is required when you change the IP address range. You can set the value to **true** for this option when modifying the range of IP addresses. This command fails if any service processor or network interfaces are using the IP addresses in the specified range. Setting this value to **true** associates any manually addressed interfaces with the current subnet and allows the command to succeed.

The following command modifies the gateway IP address of subnet sub3:

```
network subnet modify -subnet-name <sub3> -gateway <192.0.3.1>
```

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