L2 Multicast Route Update Optimisation

Information About L2Multicast Route Update Optimization

Beginning with Cisco NX-OS Release 8.2(9) Multicast Route Update Optimization feature is introduced to avoid packet loss in the multicast group.

Before release 8.2(9), when two or more host connects to a multicast group, if one of the hosts disconnects from the multicast group, there is packet loss for the existing host in the same multicast group if multicast source and receiver are in the same vlan. This packet loss is on l2 multicast on M3 and F4 Series modules.

Note   By default, this configuration is disabled. You must configure this feature using admin VDC or default VDC role to enable on multicast group.

Guidelines and Limitations

The following are the guidelines and limitations for L2Multicast Route Update Optimization:

- This feature is supported only for M3 Series and F4 Series modules.

- You can configure this feature for admin VDC or default VDC.

- Configuring multicast route update optimization is not supported over a fabric path.

Configuring Multicast Route Update Optimization

To avoid packet loss for the existing host in a multicast group, configure multicast route update optimization using the below command:

Procedure

Step 1   **l2mcast route update optimize**

Example:

```
switch(config)# l2mcast route update optimize
```

Enables route update optimization, to avoid packet loss in a multicast group.

Step 2   **show running-config | include l2mcast**

(Optional) Shows the running-config information for l2 multicast route update optimization.

Example:

```
switch(config)# l2mcast route update optimize
```