Configuration of Forward All Multicast on ESW2-350G Switches

Objective

Multicast forwarding allows the router to forward multicast traffic to networks where multicast devices are in listen state. It does not forward multicast traffic to networks where nodes are in sleep state. This page shows the configuration of ports and/or LAGs which are configured to get multicast streams from a particular VLAN. If this feature is disabled then the Multicast traffic is forwarded to all ports on the switch.

This article explains how to configure forward all multicast on ESW2-350G Switches.

Note: For more information on multicast properties refer to the article titled Configuration of Multicast Properties on ESW2-350G Switches.

Applicable Devices

- ESW2-350G
- ESW2-350G-DC

Software Version

- 1.3.0.62

Forward All

Step 1. Log in to the web configuration utility and choose Multicast > Forward All. The Forward All page opens:

Step 2. Choose a VLAN ID from the VLAN ID drop-down list.

Note: A port can be configured manually to Forward All, if the devices connected to the port do not support Internet Group Management Protocol (IGMP) and/or Multicast Listener Discovery (MLD). IGMP or MLD messages are not forwarded to ports which are defined as
Forward All. The configuration affects only the ports which are members of the chosen VLAN.

Step 3. Choose the interface type from the Interface Type drop-down list. The possible options are:

- Port — Indicates the individual ports of the switch.

- LAG — Indicates the Link Aggregation Groups (LAGs) of the switch. A LAG consists of a set of ports. The Forward All multicast, if configured as LAG, causes all ports within the LAG to be configured.

Step 4. Click **Go** to cause the status of the ports/LAGs to be shown.

Step 5. Click the appropriate radio button to define the Port/LAG. The possible choices are:

- Static — Port receives all Multicast frames.
- Forbidden — Port cannot receive any multicast frames even if the IGMP/MLD snooping assigned the port to be a part of the Multicast group.
- None — Port is not a Forward All port at present.

Step 6. Click **Apply**.