EVPN Enhancements

When the switch learns about a local VNI and there is no configuration available in the system regarding this VNI then the import and export route targets (RTs) and route distinguisher (RD) for this VNI will be automatically calculated. The RTs are automatically derived as *AS:VNI,* whereas RD is derived as *Router-ID:VNI-Index.* For Type-2 and Type-3 routes coming from the layer 2 VNI, the RD is calculated as *VXLAN-local0-tunnelip:VNI* instead of *Router-ID: VNI.* Since EVPN routes may have the same MAC and/or the IP address; RDs are used to remove ambiguity in such cases. RTs are used to identify the VPN membership of routes.

If you do not want that route distinguisher (RD) to be automatically derived, use the command below to manually set the of RD value.

set protocol bgp [l2vpn] evpn vni <1-16777215> **rd** <rd>

If you want route target (RT) to be configured manually instead of being auto-configured, run the command below. The value of parameter route-target can have three values, **export**, **import** or **both**. If you choose **both** then the RT is used as both import and export route target.

set protocol bgp [l2vpn] evpn vni <1-16777215> **route-target {both|export|import}** <route-target>

Note

EVPN feature is currently supported on X86 platforms only.