

# Unsupported Functions on N1148T-ON

The N1148T-ON switch is a Layer 2 device and does not support Layer 3 functions. The functions and commands that are not supported or modified on N1148T-ON are listed below.

Changed Type	Functions and Commands
Not supported	<p><b>The following functions are not supported on N1148T-ON:</b></p> <p>Static ARP, Static NDP, ARP agent and inspection, BFD, BGP, DHCP Relay, IGMP, IPFIX, MFEA, MPLS, OSPFv2, OSPFv3, xovs, PIM, RIB, RIP, IP routing, Static Route, VRRP, L3 VLAN Interface, Port Security, NETCONF</p> <p><b>The following commands are not supported on N1148T-ON:</b></p> <p>set system inband xx</p> <p>set interface aggregate-balancing xx</p> <p>set system management-ethernet eth0 xx</p> <p>show interface ecmp hash-mapping field</p> <p>show interface ecmp max-path</p> <p>CoPP just keeps bpd, lacp, lldp, arp, ndp, dhcp, igmp in default class</p> <p>IGMP Snooping does support mrouter function. If no Layer 2 multicast forwarding table is found, the multicast packets will be flooded.</p> <p>LAG hash mode supports only the following fields: <b>ethernet-source-only</b>, <b>ethernet-destination-only</b>, <b>ethernet-source-destination</b>, <b>ip-source-only</b>, <b>ip-destination-only</b>, <b>ip-source-destination</b>, however the <b>aggregate-balancing hash-mapping</b> field is not supported</p> <p><b>show interface management-ethernet</b> command is replaced by <b>show system management-ethernet</b> command</p>
Modified	<p>run show vlans detail</p> <p>run show interface stm</p>