

# Aruba and HP switches debug and diagnostics commands cheat sheet

Command	Description
<b>show logging -r</b>	Show system logs and events in reverse chronological order, i.e. newest logs first.
<b>show mac-address</b>	Show table of MAC addresses.
<b>show interface status</b>	Show list of all interfaces with info for each: state (Up/Down), Actual Speed, Tagged or not, VLANs configured for the interface (single VLAN for Untagged, multiple for Tagged). NOTE: In Cisco world Tagged interface is called <b>trunk</b> .
<b>display interface</b>	Show detailed information of an interface: MAC address, state, speed, VLAN id if any.
<b>show ip</b>	Show all configured IP addresses on a switch.
<b>show trunk</b>	Show trunk interfaces with their state and type. NOTE: In HP/Aruba world <b>trunk</b> means aggregated interfaces (LACP), what in Cisco world is called port/ether-channel.
<b>show trunk-statistics &lt;trunk name&gt;</b>	Show cumulative statistics for the trunk interface: packets passed, bytes received, drops if any.
<b>show lacp</b>	Show LACP state on the trunking interfaces.
<b>display stp root</b>	Show root switch for Spanning Tree Protocol.
<b>display stp brief</b>	Short information on STP state for VLANs.
<b>display lldp neighbor list</b>	Display LLDP neighbors.
<b>show ip ospf neighbor [detail]</b>	Display OSPF neighbors
<b>show ip route</b>	Show routing table for Layer 3 switch.
<b>show ip</b>	Show IP routing state: disabled/enabled. It is disabled by default, to enable: <b>(config)# ip routing</b> .
<b>display boot-loader</b>	Show what image will be loaded on the next boot.