Aruba and HP switches debug and diagnostics commands cheat sheet

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Command	Description
show logging -r	Show system logs and events in reverse chronological order, i.e. newest logs first.
clear log	Delete all logs on the switch.
debug destination buffer	Direct debug output to the log buffer, to be read later on CLI.
debug <daemon name>	Start runnig debug,e.g. to debug SNMP daemon: `debug snmp pdu`
show debug buffer	Show log buffer with the collected debug output.
show debug	Show what debug is currently active.
show mac-address	Show table of MAC addresses.
show interface status	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 **trunk**.
display interface	Show detailed information of an interface: MAC address, state, speed, VLAN id if any.
show ip	Show all configured IP addresses on a switch.
show trunk	Show trunk interfaces with their state and type. NOTE: In HP/Aruba world **trunk** means aggregated interfaces (LACP), what in Cisco world is called port/ether-channel.
show trunk-statistics <trunk name>	Show cumulative statistics for the trunk interface: packets passed, bytes received, drops if any.
show lacp	Show LACP state on the trunking interfaces.
display stp root	Show root switch for Spanning Tree Protocol.
display stp brief	Short information on STP state for VLANs.
display lldp neighbor list	Display LLDP neighbors.
show ip ospf neighbor [detail]	Display OSPF neighbors
show ip route	Show routing table for Layer 3 switch.

Command	Description
show ip	Show IP routing state: disabled/enabled. It is dsiabled by default, to enable: **(config)# ip routing**.
display boot-loader	Show what image will be loaded on the next boot.