

Extreme Wireless Useful Commands v1.3

General Commands

Display output without breaks:	<code>console page 0</code>
Display more system information:	<code>show tech</code>
Display common system information:	<code>show hw-info</code>
Display running cfg (/w default cmds):	<code>show running-config_all</code>
Display buffered logging messages:	<code>show logging buffered</code>
Display interface status summary:	<code>show interface</code>
Display OS versions used:	<code>show version detail</code>
Save current configurations:	<code>save config</code>
Reboot the AP:	<code>reboot</code>
Reboot using backup image:	<code>reboot backup</code>
Reboot in x minutes:	<code>reboot offset hh:mm:ss</code>
Display config rollback timer:	<code>show config rollback</code>
[En/dis]able config rollback (default:on):	<code>[no] config rollback enable</code>
Display reason for last reboot:	<code>show system_reboot-info</code>

Set the buzzer to sound during antenna alignment:

`exec antenna-alignment interface <wifix> peer <mac_addr> [count [number]] [interval [number]] [text-size [number]] [beep [static | adaptive]]`

Troubleshoot AP as a RADIUS server:

`exec aaa net-join domain <string> fullname <string> server <string> username <string> password <string> [computer-ou <string>] [sasl-wrapping {sign}]`

VLAN probe:

`interface mgt0 dhcp-probe vlan-range <string> timeout <number>`

Remote SSH from access point:

`exec ssh-client server <IP_ddress> user admin`

Radio Commands

Display sum of radio operating state:	<code>show interface</code>
Display operating state of radio int:	<code>show interface <wifix></code>
Display summary of ACSP (auto-rf):	<code>show acsp</code>
Display list of neighboring radios:	<code>show acsp neighbor</code>
Display detailed acsp channel information:	<code>show acsp channel-info detail</code>
Display counters for radio interface:	<code>show interface <wifix> counter</code>
Display radio profile parameters:	<code>show radio profile <name></code>
Show info about DXNP neighbors:	<code>show amrp dnxp nei</code>
Set transmit power:	<code>interface wifi[0 1] radio txpower [dBm]</code>
Set channel:	<code>interface wifi[0 1] radio channel [ch_number frequency]</code>
Set external interface type:	<code>interface wifi0 radio antenna [type sector-60 type sector-120 omni directional]</code>

Connection to ExtremeCloudIQ

Display state of CAPWAP connection:	<code>show capwap client</code>
Display all Layer3 interfaces:	<code>show l3 interface</code>
Display the management interface:	<code>show interface mgt0</code>
Display DHCP of mgt interface:	<code>show interface mgt0 dhcp client</code>
Display the routing table for the AP:	<code>show ip route</code>
Display DNS servers:	<code>show dns</code>
Display NTP status & servers:	<code>show ntp</code>
Display arp cache table:	<code>show arp-cache</code>
Display system time:	<code>show clock</code>
Bounce the CAPWAP connection:	<code>[no] capwap client enable</code>
UDP based ping to CAPWAP server:	<code>capwap ping <CAPWAP_server_IP></code>
Set CAPWAP server:	<code>capwap client server name <ip FQDN></code>
Set VHM name:	<code>capwap client vhm-name <vhm-name></code>

Identify Management Server (Cloud PPSK)

Display status of IDM server:	<code>show idm</code>
Display roaming cache status of stations:	<code>show roaming cache</code>
Display status of neighboring HiveAPs:	<code>show roaming neighbor</code>
Display Layer 2 forwarding table:	<code>show route</code>
Test connectivity to IDM server:	<code>exec aaa idm-test radsec-proxy</code>

Remote packet capture

`exec capture remote-sniffer host-allowed <IP_addr>`
`exec capture remote-sniffer user <user> <pwd>`
`exec capture remote-sniffer promiscuous`
`show capture remote-sniffer <wifix>`

Default Settings

Factory default AP:	<code>reset config</code>
Factory default bootstrap:	<code>reset config bootstrap</code>
Display boot parameters:	<code>show boot-param</code>
Default username:	<code>admin</code>
Default password is:	<code>empty field</code>
Set LED brightness:	<code>system led brightness {bright soft dim off}</code>
Blink LED for easy identification:	<code>_led color white fast-blink</code>

Debug Commands

Display all CLI commands:	<code>show cmds_all</code>
Display all debug commands:	<code>_debug ?</code>
Display all kernel debug cmds:	<code>_kdebug ?</code>
[En/Dis]able debug msgs:	<code>[no] debug console</code>
Display all debug msgs on con:	<code>debug console all</code>
Display status of DHCP server:	<code>show interface mgt0 dhcp-server detail</code>
Display DFS events:	<code>show int wifi<0 1> i radar</code>

Client Commands

Display client summary:	<code>show station</code>
Display client rates over time:	<code>show station <mac></code>
Display client roaming cache:	<code>show roaming cache mac <mac></code>
Deauthenticate single client:	<code>clear auth station mac <mac_addr></code>
Deauthenticate all on SSID:	<code>clear auth station ssid <ssid></code>
Display authentication params:	<code>show auth</code>

Troubleshoot VPN Connectivity

Show status of VPN IPsec tunnel:	<code>show vpn ipse-tunnel</code>
Show status of IKE phase1 tunnel:	<code>show vpn ike sa</code>
Show status of IKE phase2 tunnel:	<code>show vpn ipsec sa</code>
Show VPN tunnel events:	<code>show vpn ike events</code>
Display all debug VPN messages:	<code>_debug vpn all</code>

Mesh

Display AMRP neighbor(s):	<code>show amrp neighbor</code>
Display hivename(s):	<code>show hive</code>
Display neighbor assoc with Hive:	<code>show hive <hivename> neighbor</code>