



---

## A

aps clear command [1-2](#)  
aps direction command [1-4](#)  
aps disable command [1-7](#)  
aps enable command [1-8](#)  
aps lockout command [1-10](#)  
aps message-channel command [1-12](#)  
aps protection command [1-14](#)  
aps revertive command [1-16](#)  
aps switch command [1-19](#)  
aps timer oscp holddown command [1-21](#)  
aps timer oscp max-interval command [1-23](#)  
aps timer search-for-up command [1-25](#)  
aps timer switchover-enable min-interval command [1-27](#)  
aps timer wait-to-restore command [1-29](#)  
aps trigger command [9-2](#)  
aps working command [1-31](#)  
aps y-cable command [1-33](#)  
associate group command [1-35](#)  
associate interface command [1-37](#)  
auto-sync running-config command [6-4](#)  
auto-sync startup-config command [6-6](#)

---

## C

cdl enable command [3-7](#)  
cdl flow-identifier force hop-endpoint command [3-5](#)  
clear facility-alarm command [8-2](#)  
clear oscp command [5-2](#)  
clear performance history command [3-9](#)  
clear redundancy command [6-8](#)

## CLI

description [xii](#)  
help [xiv](#)  
clock rate command [3-2](#)  
command-line interface. See CLI  
command modes  
description [xii](#)  
table [xiii](#)  
commands  
abbreviating [xiii](#)  
listing [xiv](#)  
syntax in documentation [xiv](#)  
conventions  
document [xv](#)

---

## D

debug aps command [2-2](#)  
debug cdl defect-indication command [2-3](#)  
debug cpu command [2-5](#)  
debug diag online command [2-7](#)  
debug driver control ethernet command [2-9](#)  
debug driver nvram command [2-11](#)  
debug driver psm command [2-13](#)  
debug driver src command [2-14](#)  
debug driver transparent events command [2-16](#)  
debug oscp command [2-17](#)  
debug ports command [2-19](#)  
debug redundancy command [2-21](#)  
description command [9-4](#)  
diag online command [4-2](#)  
diag online slot command [4-4, 4-6](#)  
documentation  
conventions [xv](#)

related [xiv](#)

---

## E

encapsulation command [3-10](#)  
 environment-monitor shutdown fan command [8-4](#)  
 environment-monitor shutdown temperature  
 command [8-6](#)  
 environment-monitor temperature-threshold  
 command [8-8](#)

---

## H

help  
 CLI [xiv](#)  
 hw-module subslot power command [8-10](#)

---

## L

laser control forward enable command [3-13](#)  
 laser control safety enable command [3-15](#)  
 laser frequency command [3-17](#)  
 laser shutdown command [3-19](#)  
 loopback command [3-21](#)

---

## M

maintenance-mode command [6-9](#)  
 monitor enable command [3-23](#)

---

## N

notification-throttle timer command [9-6](#)

---

## O

optical threshold power receive command [3-26](#)  
 oscp timer hello holddown command [5-4](#)  
 oscp timer hello interval command [5-6](#)

oscp timer inactivity-factor command [5-8](#)

---

## P

patch command [3-29](#)

---

## R

redundancy command [6-11](#)  
 redundancy manual-sync command [6-13](#)  
 redundancy reload peer command [6-15](#)  
 redundancy reload shelf command [6-17](#)  
 redundancy switch-activity command [6-19](#)  
 reload command [8-12](#)  
 reprogram command [8-15](#)

---

## S

show aps command [1-40](#)  
 show aps trace command [1-45](#)  
 show bootvar command [8-17](#)  
 show cdl defect-indication command [3-31](#)  
 show cdl flow defect-indication command [3-33](#)  
 show ciscoview package command [8-19](#)  
 show ciscoview version command [8-21](#)  
 show connect command [3-35](#)  
 show controllers command [3-38](#)  
 show diag online command [4-8](#)  
 show diag online detail command [4-10](#)  
 show diag online slot command [4-14](#)  
 show environment command [8-23](#)  
 show facility-alarm status command [8-25](#)  
 show hardware command [8-27](#)  
 show interfaces command [3-43](#)  
 show optical filter command [3-48](#)  
 show optical interface brief command [3-51](#)  
 show optical wavelength mapping command [8-31](#)  
 show oscp info command [5-10](#)

show oscp interface command 5-12  
 show oscp neighbor command 5-14  
 show oscp statistics command 5-16  
 show oscp traffic command 5-18  
 show patch command 3-53  
 show performance command 3-55  
 show redundancy capability command 6-21  
 show redundancy clients command 6-25  
 show redundancy counters command 6-27  
 show redundancy history command 6-30  
 show redundancy running-config-file command 6-32  
 show redundancy states command 6-34  
 show redundancy summary command 6-36  
 show reload command 8-13  
 show temperature command 8-33  
 show threshold-list command 9-8  
 show topology command 10-2  
 show topology neighbor command 10-4  
 show upgrade-info functional-image command 8-35  
 show version command 8-37  
 shutdown command 3-58  
 snmp-server enable traps aps command 7-2  
 snmp-server enable traps cdl command 7-4, 7-8  
 snmp-server enable traps oscp command 7-10  
 snmp-server enable traps patch command 7-6  
 snmp-server enable traps rf command 7-12  
 snmp-server enable traps threshold min-severity  
 command 7-14  
 snmp-server enable traps topology command 7-16  
 snmp-server host command 7-18  
 standby privilege-mode enable command 6-39

---

## T

threshold command 9-10  
 threshold-group command 9-12  
 threshold-list command 9-14  
 topology hold-time command 10-6  
 topology neighbor agent ip-address command 10-11

topology neighbor cdp command 10-13  
 topology neighbor command 10-8  
 topology neighbor disable command 10-15  
 traceroute command 8-39

---

## U

undebg all command 2-23

---

## V

value command 9-16

