

CLI Shortcuts

Ctrl+A	Move Cursor to beginning of line
Ctrl+E	Move cursor to end of line
Ctrl+F	Move forward one character
Ctrl+B	Move backward one character
Esc, F	Move forward one word
Esc, B	Move backward one word
Ctrl+U	Erase line
Ctrl+W	Erase Word
Ctrl+T	Swap current character with the previous one
Ctrl+K	Erase all characters from cursor to end of line
Ctrl+X	Erase all characters from cursor to beginning of line
Ctrl+L	Reprint line
Ctrl+R	Redisplay line (starts new line with same cmd)
Ctrl+P (down arrow)	Display last command
Ctrl+N (down arrow)	Display previous commands
Tab	Complete partial command
Ctrl+C	Exit config mode
Ctrl+Z	Exit config mode return to priv exec mode
Ctrl+Shift+6	Default Break Sequence

VLAN Troubleshooting

```
show vlan
show interface [status | switchport]
show interface trunk
show vtp status
show vtp password
```

Routing Troubleshooting

```
show ip route [bgp | ospf | static | eigrp | vrf]
show ip bgp [summary | neighbors]
clear ip bgp *[soft]
debug ip bgp[...]
show ip ospf [interface | neighbors]
show ip ospf border-routers
show ip ospf virtual-links
debug ip ospf[...]
show ip eigrp [interfaces | neighbors | topology | traffic]
clear ip eigrp neighbors
debug ip eigrp [packet | neighbors]
```

Access List Troubleshooting

```
show access-lists [<number> | <name>]
show ip access-lists [<number> | <name>]
show ip access-lists interface <interface>
show ip access-lists dynamic
show ip interface <interface>
show time-range [<name>]
```

Spanning Tree Troubleshooting

```
show spanning-tree [summary | detail | root]
show spanning-tree [<interface> | <vlan>]
show spanning-tree mst
```

NAT Troubleshooting

```
show ip nat translations [verbose]
show ip nat statistics
clear ip nat translations
```

QoS Troubleshooting

```
show policy-map [<interface>]
show <interface>
show queue <interface>
show mls qos
```



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Not published yet.
 Last updated 30th March, 2016.
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IPSec Troubleshooting

```
show crypto isakmp sa
```

```
show crypto isakmp policy
```

```
show crypto ipsec sa
```

```
show crypto ipsec transform-set
```

```
clear crypto isakmp <connid>
```

```
debug crypto [isakmp | ipsec]
```

Zone-Based Firewall Troubleshooting

```
show zone security
```

```
show zone-pair security
```

```
show policy-map type inspect
```

```
show class-map type inspect
```

```
show parameter-map type inspect
```

```
debug zone security events
```



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