



Unsupported Commands

The following are lists of the commands that are present but not supported for the Cisco uBR10012 router in various releases of the Cisco IOS software.

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Warning

Cisco strongly advises against using unsupported Cisco IOS commands, even if described, because such commands can have undesirable effects upon the performance of the Cisco CMTS. In particular, Cisco advises against using any unsupported commands that pertain to service-policy or to Modular Quality of Service command-line interface (MQC) while Parallel Express Forwarding (PXF) is running on the Cisco CMTS. Such commands may cause the Cisco CMTS to hang with unpredictable recovery times.

Unsupported Frame Relay Commands

The following commands are not supported in any Cisco IOS software release.

- FRF.12 fragmentation commands
- FRF.11 VoFR commands
- **frame-relay adaptive-shaping** {becn | foresight}
- **frame-relay bc** {in | out} *bits*
- **frame-relay be** {in | out} *bits*
- **frame-relay cir** {in | out} *bps*
- **frame-relay custom-queue-list** *list-number*
- **frame-relay de-group** *group-number dlc*
- **frame-relay ip** [rtp | tcp] **header-compression** [passive]
- **frame-relay map** *protocol protocol-address dlc* [broadcast] [ietf | cisco] [payload-compress {packet-by-packet | frf9 stac [*hardware-options*]}]

- **frame-relay map** *ip ip-address dlc* [**broadcast**] [**cisco** | **ietf**] [**nocompress**] **tcp**
header-compression {**active** | **passive**}
- **frame-relay mincir** {**in** | **out**} *bps*
- **frame-relay traffic-rate** *average* [*peak*]
- **frame-relay traffic-shaping**
- **show frame-relay ip** [**rtp** | **tcp**] **header-compression** [**interface**]

HCCP Commands

The following commands are supported in Cisco IOS Release 12.2(8)BC2 and later 12.2 BC releases. These commands are not supported in previous releases.

- **hccp authenticate**
- **hccp authenticate key-chain**
- **hccp ds-switch**
- **hccp lockout**
- **hccp protect**
- **hccp revert**
- **hccp reverttime**
- **hccp switch**
- **hccp timers**
- **hccp track**
- **hccp unlockout**
- **hccp working**
- **show hccp**
- **show hccp interface**
- **debug hccp authentication**
- **debug hccp events**
- **debug hccp sync**

MLPPP Commands

The following commands are supported in Cisco IOS Release 12.2(4)BC1 and later 12.2 BC releases. These commands are not supported in previous releases.

- **multilink** *load-threshold*
- **multilink** *max-fragments*
- **ppp multilink fragment-delay**
- **ppp multilink fragmentation**
- **ppp multilink idle-link**
- **ppp multilink interleave**

Unsupported MPLS VPN Commands

The following commands are not supported in any Cisco IOS software release.

- **ip vrf**
- **ip vrf forwarding**
- **mpls ip**
- **mpls label-protocol ldp**
- **show ip protocols vrf**
- **show ip vrf**
- **show ip route vrf**

Unsupported PPP Commands

The following commands are not supported in any Cisco IOS software release.

- **compress [predictor | stac | mppe [ignore-pfc]]**
- **debug ppp cbcp**
- **ppp bridge appletalk**
- **ppp bridge ip**
- **ppp bridge ipx [novell-ether | arpa | sap | snap]**
- **ppp reliable-link**

Spectrum Management Commands

The following commands are supported in Cisco IOS Release 12.2(8)BC2 and later 12.2 BC releases. These commands are not supported in previous releases.

- **cable upstream hop-priority**
- **cable upstream threshold**
- **show cable modem [ip-address | interface | mac-address] snr**
- **show controllers cable upstream spectrum**

Unsupported Telco-Return Commands

The following commands are not supported in any Cisco IOS software release.

- **cable telco-return enable**
- **cable telco-return interval**
- **cable telco-return spd dhcp-authenticate**
- **cable telco-return spd dhcp-server**
- **cable telco-return spd dial-timer**

- **cable telco-return spd factory-default**
- **cable telco-return spd manual-dial**
- **cable telco-return spd password**
- **cable telco-return spd phonenum**
- **cable telco-return spd ppp-authenticate**
- **cable telco-return spd radius-realm**
- **cable telco-return spd service-provider**
- **cable telco-return spd threshold**
- **cable telco-return spd username**
- **debug cable telco-return**
- **debug telco-return msg**