CRP Configuration Mode Commands

The CUPS Redundancy Protocol (CRP) Configuration Mode is used to configure BGP status monitoring on the Control Plane or User Plane.

Command Modes

Exec > Global Configuration > Context Configuration > CRP Configuration

configure > context *context_name* **> cups-redundancy-protocol**

Entering the above command sequence results in the following prompt:

`[context_name]host_name(config-crp)#`

Important The commands or keywords/variables that are available are dependent on platform type, product version, and installed license(s).

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Entering the above command sequence results in the following prompt:

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node-type

Enters CUPS Redundancy Protocol Configuration Mode on the Control Plane (CP) or User Plane (UP) on the chassis in this context.

Product

All

Privilege

Security Administrator, Administrator

Mode

Exec > Global Configuration > Context Configuration > CRP Configuration

configure > context *context_name* **> cups-redundancy-protocol**

Entering the above command sequence results in the following prompt:

`[context_name]host_name(config-crp)#`

Syntax Description

`node-type { control-plane | user-plane }`

Usage Guidelines

Enters CUPS Redundancy Protocol Configuration Mode on the Control Plane (CP) or User Plane (UP) on the chassis.

Example

The following command enables CRP Configuration Mode on the User Plane:

`node-type user-plane`

monitor bgp context

Configures Border Gateway Protocol (BGP) monitoring on the Control Plane (CP) or User Plane (UP). This command is configured in the CUPS Redundancy Protocol (CRP) Configuration Mode.

Product

All

Privilege

Security Administrator, Administrator

Mode

Exec > Global Configuration > Context Configuration > CRP Configuration

configure > context *context_name* **> cups-redundancy-protocol > user-plane**

Entering the above command sequence results in the following prompt:

`[context_name]host_name(config-crp-up)#`

Syntax Description

`[ no ] monitor bgp context` *bgp-session-context-name* **`[ nexthop-router-ipv4-address | nexthop-router-ipv6-address ] { vrf`** *bgp-session-vrf-name* **`} { group`** *group-number* **`{ 1-10 } }`**

no

Disables BGP status monitoring on UP.

bgp context *bgp-session-context-name*

Specifies the context where BGP session with the peer is running. Specifies the context string.

nexthop-router-ipv4-address | nexthop-router-ipv6-address

Specifies the BGP peer IPv4 or IPv6 address to monitor.

vrf *bgp-session-vrf-name*

Specifies the BGP VPN Routing and Forwarding (VRF) instance.

group *group-number* 1-10

Specifies the group ID for the monitors. Valid values range from 1 to 10. The default value is 0, which implies that grouping is disabled for the BGP monitor being configured.

Usage Guidelines

Configures Border Gateway Protocol (BGP) monitoring on the Control Plane or User Plane (UP).

Example

The following command enables BGP monitoring on the User Plane:

```
monitor bgp context one 192.51.100.2 vrf abc group 2
```

end

Exits the current configuration mode and returns to the Exec mode.

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

end

Usage Guidelines

Use this command to return to the Exec mode.

end