



## CRP Configuration Mode Commands

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

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### 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) #
```



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### 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:

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

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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 192.168.201.2 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