



# UPF Load Control Profile Configuration Mode Commands

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Load control profile configuration commands enable the UPF to send its load information to a peer node to adaptively balance the session load across UPFs. The load information reflects the operating status of the resources of the UPF.

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## Command Modes

Exec > Global Configuration > UPF Load Control Profile Configuration

**configure** > **upf-load-control-profile** *profile\_name*

Entering the above command results in the following prompt:

```
[local]UPPlane (config-upf-load-control-profile)#
```



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**Important** Available commands or keywords/variables vary based on platform type, product version, and installed license(s).

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## inclusion-frequency

Configures parameters to determine the inclusion frequency of the Load Control Information IE for a UPF Control Profile configuration.

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## Product

UPF

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## Privilege

Administrator, Security Administrator

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## Command Modes

Exec > Global Configuration > UPF Load Control Profile Configuration

**configure** > **upf-load-control-profile** *profile\_name*

Entering this command results in the following prompt:

```
[local]UPPlane (config-upf-load-control-profile)#
```

**end****Syntax Description**

```
inclusion-frequency { advertisement-interval interval_in_seconds |
change-factor change_factor }
```

**inclusion-frequency**

Specifies that parameters to determine the inclusion frequency of the Load Control Information IE for a UPF Load Control Profile is configured. This parameter specifies how often the operator wants to send this information to the peers.

**advertisement-interval** *interval\_in\_seconds*

Configures the advertisement-interval for Load Control in seconds. Specifies the frequency at which the load control information should be sent to the peers.

*interval\_in\_seconds* must be an integer 0–3600.

Default: 300

**change-factor** *change\_factor*

Specifies the percentage change from the previous LCI factor, at which the LCI IE is sent out.

*change\_factor* must be an integer 1–20.

Default: 5%

**Usage Guidelines**

Use this command to specify parameters to determine the inclusion frequency of the Load control information IE for a UPF Load Control Profile configuration.

**Example**

```
[local]UPlane(config-upf-load-control-profile)# inclusion-frequency advertisement-interval
300
[local]UPlane(config-upf-load-control-profile)# inclusion-frequency change-factor 5
```

**end**

Exits the current configuration mode and returns to the Global Configuration mode.

**Product**

UPF

**Privilege**

Security Administrator, Administrator

**Syntax Description**

**end**

**Usage Guidelines**

Use this command to return to the Global Configuration mode.