

UPF Load Control Profile Configuration Mode Commands

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.

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]UPlane (config-upf-load-control-profile)#
```

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.

Product

UPF

Privilege

Administrator, Security Administrator

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]UPlane (config-upf-load-control-profile)#
```

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.