

Configuring H.248 Timers

You can configure H.248 timers for the PGCP connection between the virtual BGF and the gateway controller. See clause 9.2 and annex D of the *Gateway control protocol v3, ITU-T Recommendation H.248.1, September 2005*, for details about these timers.

To configure H.248 timers:

1. Access the configuration of the H.248 timers.

```
[edit services pgcp]
user@host#edit gateway bgf-1 h248-timers
```

2. Configure the value of the average acknowledgment delay (AAD) that the virtual BGF uses before the first AAD is measured.

```
[edit services pgcp gateway bgf-1 h248-timers]
user@host#set initial-average-ack-delay 1000
```

3. Configure the assumed maximum network propagation delay time.

```
[edit services pgcp gateway bgf-1 h248-timers]
user@host#set maximum-net-propagation-delay 5000
```

4. Configure a maximum waiting delay (MWD) that is used when the virtual BGF attempts to reconnect to the gateway controller. If the virtual BGF finishes traversing its list of gateway controllers, and has not connected to a controller, the virtual BGF waits for a random value between 0 and MWD milliseconds before it attempts to reconnect to a gateway controller.

```
[edit services pgcp gateway bgf-1 h248-timers]
user@host#set maximum-waiting-delay 10000
```

5. Configure the maximum time that a transaction can be kept alive. When this time expires, the BGF considers the gateway controller to be down.

```
[edit services pgcp gateway bgf-1 h248-timers]
user@host#set tmax-retransmission-delay 25000
```

Related Topics ■ *Chapter 27, Summary of PGCP Configuration Statements in JUNOS Services Interfaces Configuration Guide*

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