

Adding a Gateway Controller to the Virtual BGF Configuration

To configure a gateway controller for a virtual BGF, specify the IP address and port number of the gateway controller. You can also secure the connection by specifying an algorithm for the interim authentication header (AH) scheme.

To configure an additional controller for the BGF:

1. Access the configuration of the virtual BGF for which you want to add a gateway controller.

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

2. Create a gateway controller configuration, and assign a name to the gateway controller. You can configure an IP address as the gateway controller name. However, the IP address is not used for the connection to the gateway controller.

```
[edit services pgcp gateway bgf-1]
user@host# edit gateway-controller gc-1
```

3. Specify that the gateway controller is a remote gateway controller.

```
[edit services pgcp gateway bgf-1]
user@host# fset remote-controller
```

4. Specify the IP address of the gateway controller.

```
[edit services pgcp gateway bgf-1 gateway-controller gc-1]
user@host# set controller-address 10.10.2.3
```

5. Configure the number of the gateway controller listening port. The virtual BGF sends H.248 messages to this port.

```
[edit services pgcp gateway bgf-1 gateway-controller gc-1]
user@host# set controller-port 2944
```

6. To use the interim authentication header (AH) scheme to provide security on the PGCP connection, configure the security algorithm that the interim AH scheme uses. Currently, HMAC null is the only algorithm supported.

```
[edit services pgcp gateway bgf-1 gateway-controller gc-1]
user@host# set interim-ah-scheme algorithm algorithm hmac-null
```