

PCP Configuration Mode Commands

The Port Control Protocol Service Configuration Mode is used to manage Port Control Protocol (PCP) service related configurations.

Important This configuration mode is customer specific. For more information, contact your Cisco account representative.

Command Modes

Exec > ACS Configuration > Port Control Protocol Service Configuration

active-charging service *service_name* > **pcp-service** *service_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-pcp-service)#
```

Important The commands or keywords/variables that are available are dependent on platform type, product version, and installed (s).

Important For information on common commands available in this configuration mode, refer to the Common Commands chapter.

- policy-control, on page 1
- server, on page 2

policy-control

This command enters the PCP Policy Control Configuration mode to configure policy control parameters for PCP service.

Important This command is customer specific. For more information, contact your Cisco account representative.

Product

ACS

NAT

PSF

Privilege

Security Administrator, Administrator

Command Modes

Exec > ACS Configuration > Port Control Protocol Service Configuration

active-charging service *service_name* **> pcp-service** *service_name*

Entering the above command sequence results in the following prompt:

`[local]host_name(config-pcp-service)#`

Syntax Description

`[ default ] policy-control`

default

Configures this command with the default setting.

Default: Enabled

Usage Guidelines

Use this command to enter the PCP Policy Control Configuration Mode to configure the policy control parameters for the PCP service.

On entering this command, the CLI prompt changes to:

[*context_name*]*hostname*(config-pcp-policy-control)#

Also see the *PCP Policy Control Configuration Mode Commands* chapter.

server

Configures the IP address of the PCP server to receive PCP packets.

Important This command is customer specific. For more information, contact your Cisco account representative.

Product

ACS

NAT

PSF

Privilege

Security Administrator, Administrator

Command Modes

Exec > ACS Configuration > Port Control Protocol Service Configuration

active-charging service *service_name* **> pcp-service** *service_name*

Entering the above command sequence results in the following prompt:

`[local]host_name(config-pcp-service)#`

Syntax Description

```
server ipv4-address ipv4_address [ port port_number ]
no server ipv4-address
```

server *ipv4_address*

Specifies the IPv4 address of the server to receive PCP packets.

ipv4_address must be specified using the IPv4 dotted-decimal notation.

port *port_number*

Specifies the UDP port number where PCP Request messages are received by the PCP service.

port_number must be an integer from 1 through 65535.

Default: 5351

Usage Guidelines

Use this command to configure the IPv4 address on which the PCP service will receive PCP packets and the port on which PCP Request messages will be received from the PCP service.

Example

The following command configures the IPv4 address *209.165.200.228* with port number *5351* for the PCP service:

```
server ipv4-address 209.165.200.228 port 5351
```