



# ACS Port Map Configuration Mode Commands

The ACS Port Map Configuration Mode is used to define an application-port mapping in the ACS Configuration Mode. The application-port map associates a range of TCP/UDP ports to a specific application/protocol within a rule definition (ruledef).

## Command Modes

Exec > ACS Configuration > ACS Port Map Configuration

**active-charging service** *service\_name* > **port-map** *port\_map\_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-acs-port-map) #
```



## Important

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

- [end, on page 1](#)
- [exit, on page 1](#)
- [port, on page 2](#)

## end

Exits the current configuration mode and returns to the Exec mode.

## Product

All

## Privilege

Security Administrator, Administrator

## Syntax Description

**end**

## Usage Guidelines

Use this command to return to the Exec mode.

## exit

Exits the current mode and returns to the parent configuration mode.

<b>Product</b>	All
<b>Privilege</b>	Security Administrator, Administrator
<b>Syntax Description</b>	<b>exit</b>
<b>Usage Guidelines</b>	Use this command to return to the parent configuration mode.

## port

Adds or removes an individual or a range of TCP/UDP port numbers associated with an application or protocol from the current port map.

<b>Product</b>	All
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec > ACS Configuration > ACS Port Map Configuration <b>active-charging service</b> <i>service_name</i> > <b>port-map</b> <i>port_map_name</i>

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-acs-port-map)#
```

<b>Syntax Description</b>	<b>[ no ] port { <i>port_number</i>   range <i>start_port_number</i> to <i>end_port_number</i> }</b>
---------------------------	--

**no**

If added previously, removes the specified TCP/UDP port numbers from the current port map.

### ***port\_number***

Specifies a TCP/UDP port number to add to the current port map.

*port\_number* is expressed an integer from 1 through 65535.

### **range *start\_port\_number* to *end\_port\_number***

Specifies a range of port numbers to add to the current port map.

*start\_port\_number* specifies the starting port number of the range, it must be an integer from 1 through 65535, and must be less than *end\_port\_number*.

*end\_port\_number* specifies the ending port number of the range, it must be an integer from 1 through 65535, and must be greater than *start\_port\_number*.

<b>Usage Guidelines</b>	Use this command to add an individual or a range of TCP/UDP port numbers to a port map. Up to 10 sets of ports can be configured in each port map.
-------------------------	--

### **Example**

The following command adds all TCP/UDP port numbers from *3112* through *5000* to the port map:

```
port range 3112 to 5000
```

port