



# ACS Host Pool Configuration Mode Commands

The ACS Host Pool Configuration Mode is used to define a pool of host addresses within the ACS Configuration Mode. The host pool facilitates to create rules to handle the packets coming from or going to a group of hosts within an access policy.

## Command Modes

Exec > ACS Configuration > ACS Host Pool Configuration

**active-charging service** *service\_name* > **host-pool** *host\_pool\_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-acs-host-pool) #
```



## 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](#)
- [ip, 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.

## ip

This command allows you to add/remove an individual or a range of host IPv4/IPv6 address(es) from the current host pool.

<b>Product</b>	All
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec > ACS Configuration > ACS Host Pool Configuration <b>active-charging service</b> <i>service_name</i> > <b>host-pool</b> <i>host_pool_name</i> Entering the above command sequence results in the following prompt: <pre>[local]host_name(config-acs-host-pool)#</pre>
<b>Syntax Description</b>	<b>[ no ] ip { ipv4/ipv6_address   ipv4/ipv6_address/maskbit   range start_ipv4/ipv6_address to end_ipv4/ipv6_address }</b>

### no

If added previously, removes the specified IPv4/IPv6 address(es) from the current host pool.

### **ipv4/ipv6\_address**

Specifies an IPv4/IPv6 address to add to the current host pool.

*ipv4/ipv6\_address* must be an IPv4/IPv6 address.

### **ipv4/ipv6\_address/maskbit**

Specifies an IPv4/IPv6 address/mask bits combination to add to the current host pool.

*ipv4/ipv6\_address* must be an IPv4/IPv6 address.

*maskbit* must be the number of bits in the subnet mask, and must be a numeric value.

### **range start\_ipv4/ipv6\_address to end\_ipv4/ipv6\_address**

Specifies a range of IPv4/IPv6 addresses to add to the current host pool.

*start\_ipv4/ipv6\_address* specifies the starting IPv4/IPv6 address of the range, and must be less than *end\_ipv4/v6\_address*.

*end\_ipv4/v6\_address* specifies the ending IPv4/IPv6 address of the range, and must be greater than *start\_ipv4/ipv6\_address*.

**Usage Guidelines**

Use this command to add an individual or a range of IPv4/IPv6 addresses to a host pool. Up to 20 sets of IPv4/IPv6 addresses can be configured in each host pool.

**Example**

The following command adds all IPv4 addresses from *10.2.3.4* through *10.4.5.6* to the current host pool:

```
ip range 10.2.3.4 to 10.4.5.6
```

ip