

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).

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- 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.

Product All

Privilege Security Administrator, Administrator

Syntax Description **exit**

Usage Guidelines 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.

Product All

Privilege Security Administrator, Administrator

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)#
```

Syntax Description **[no] ip {** *ipv4/ipv6_address* **|** *ipv4/ipv6_address/maskbit* **| range** *start_ipv4/ipv6_address* **to** *end_ipv4/ipv6_address* **}**

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
```