



# MIP HA Assignment Table Configuration Mode Commands

## Command Modes

The Mobile IP HA Assignment Table Configuration Mode is used to assign specific Home Agent (HA) IP addresses to ranges of Mobile Node (MN) IP addresses.

Exec > Global Configuration > Context Configuration > MIP HA Assignment Table

**configure** > **context** *context\_name* > **mobile-ip ha assignment-table** *table\_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-mobile-ip-ha-assignment)#
```



### Important

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



### Important

For information on common commands available in this configuration mode, refer to the [Common Commands](#) chapter.

- [hoa-range](#), on page 1

## hoa-range

This command assigns ranges of Mobile Node (MN) IP addresses to specific Home agent IP addresses.

### Product

HA

### Privilege

Security Administrator, Administrator

### Command Modes

Exec > Global Configuration > Context Configuration > MIP HA Assignment Table

**configure** > **context** *context\_name* > **mobile-ip ha assignment-table** *table\_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-mobile-ip-ha-assignment)#
```

**Syntax Description**    `[ no ] hoa-range ip_address ip_address2 ha ip_address3`

**no**

Removes the specified Home Agent assignment from the assignment table.

**ip\_address ip\_address2**

Specifies a range of MN IP addresses. *ip\_address* and *ip\_address2* must be specified in IPv4 dotted-decimal or IPv6 colon-separated notation.

**ha ip\_address3**

Specifies the IP address of the Home Agent to assign to MNs that are within the specified range. *ip\_address3* must be specified in IPv4 dotted-decimal or IPv6 colon-separated notation.

**Usage Guidelines**    Use this command to assign ranges of MN IP addresses to specific HAs.

**Important**

A maximum of eight MIP HA assignment tables can be configured per context with a maximum of eight MIP HA assignment tables across all contexts.

**Important**

A maximum of 256 non-overlapping hoa-ranges can be configured per MIP HA Assignment table with a maximum of 256 non-overlapping hoa-ranges across all MIP HA Assignment tables.

**Example**

The following command assigns any MN IP address that falls in the range of *209.165.200.224* through *209.165.201.0* to the HA with the IP address of *209.165.200.234*:

```
hoa-range 209.165.200.224 209.165.201.0 ha 209.165.200.234
```