

Monitoring DHCP Bindings (Displaying IP Address-to-MAC Address Bindings)

Purpose Display the mapping between the assigned IP address and the MAC address of the subscriber's computer.



NOTE: This command is deprecated and might be removed completely in a future release. The function provided by this command has been replaced by the **show dhcp binding** command.

Action To display the DHCP IP address to MAC address bindings:

```
host1#show ip dhcp-external binding
host1#show ip dhcp-external binding
```

```

                                Dhcp External Bindings
                                -----
      Hardware      Giaddr      IpAddress      Server      Lease      Expire      Interface
      -----
7000.0001.9365    91.3.0.1    91.3.0.2    10.1.2.1    3600      3175      ATM3/1.100.1
```

Meaning Table 1 on page 1 lists the **show ip dhcp-external binding** command output fields

Table 1: show ip dhcp-external binding Output Fields

Field Name	Field Description
Hardware	MAC address of subscriber's computer
Giaddr	Gateway IP address (giaddr) in the DHCP packet received from a client
IpAddress	Subscriber client's IP address
Server	DHCP server's address
Lease	Time for which the IP address is available, in seconds
Expire	Time remaining on the current lease, in seconds
Interface	Interface that is associated with the subscriber's computer

Related Topics ■ show ip dhcp-external binding command

