

ARP Table Commands

Overview

ARP tables map IP addresses to MAC addresses on a switch. Use these commands when troubleshooting connectivity or identifying what device is on a specific IP.

Cisco IOS / Catalyst

```
# Show full ARP table
show arp

# Show ARP for specific IP
show arp 192.168.1.100

# Show ARP entries for a specific interface/VLAN
show arp vlan 10

# Clear ARP cache
clear arp-cache
```

Cisco Meraki

Meraki switches do not have a traditional CLI. Use the Dashboard:

1. Go to **Switch > Switches** and select the switch
 2. Click **Live Tools**
 3. Select **ARP Table** to view current entries
 4. Alternatively, use **Clients** tab to see IP-to-MAC mapping
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HP / Aruba ProCurve

```
# Show full ARP table
show arp
```

```
# Show ARP for specific IP
show arp 192.168.1.100
```

```
# Clear ARP table
clear arp
```

Netgear Managed (GS / M series)

```
# Show ARP table
show arp-table all
```

```
# Show ARP for specific IP
show arp-table 192.168.1.100
```

Tips

- If a camera or controller is not showing in ARP, check that it is powered and the port link is up
- Use MAC address to cross-reference with switch MAC-address table: `show mac address-table` (Cisco) or `show mac-address` (HP)
- ARP entries expire — if device went offline recently, the entry may still show temporarily

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