



Interim Accounting

- [Interim accounting, on page 1](#)
- [Disable interim accounting \(CLI\), on page 2](#)
- [Verify interim accounting, on page 2](#)

Interim accounting

An interim accounting update is a RADIUS accounting message that

- reports changes to key session parameters such as DHCP, HTTP, IP, or roaming state
- is sent by the network access server (NAS) to the RADIUS server between the start-stop accounting messages, and
- can be triggered by specific events or at periodic intervals.



Note The RADIUS accounting requests send data, such as VLAN ID, authentication methods, and so on, to a session.

RADIUS accounting covers these updates:

- **Interim Updates:** When RADIUS accounting covers DHCP_TLVs, HTTP_TLVs, IP, or ROAM (state machine) changes, the updates are referred to as interim updates or interim accounting.
- **Periodic Updates:** When RADIUS accounting is specified by a timer value, the updates are referred to as periodic updates.

Disable the interim updates for these reasons:

- These actions increase network congestion by sending unneeded traffic.
- They drive up error rates.
- They impact alarm thresholds and other metrics that are used for venue-authentication performance.

By default, the interim accounting feature is enabled with the **aaa accounting Identity default start-stop group radius** command.

Feature history for interim accounting

Disable interim accounting (CLI)

Disable interim accounting on a WLAN policy profile using commands.

Before you begin

You must disable the Policy Profile before performing this procedure.

Procedure

Step 1 Enter the global configuration mode.

Example:

```
Device# configure terminal
```

Step 2 Configure WLAN policy profile and enter wireless policy configuration mode.

Example:

```
Device(config)# wireless profile policy default-policy-profile
```

Step 3 Disable interim accounting.

Example:

```
Device(config-wireless-policy)# no accounting-interim
```

Step 4 Return to the privileged EXEC mode.

Example:

```
Device(config-wireless-policy)# end
```

Verify interim accounting

To verify the interim accounting updates, run this command:

```
Device# show wireless profile policy detailed default-policy-profile | s Interim  
Interim Accounting Updates: DISABLED
```