# Volume Metering

The Volume Metering feature allows you to configure the interval at which an access point (AP) updates client accounting statistics to the embedded wireless controller and in turn to the RADIUS server. Currently, the report is sent from an AP to the controller every 90 seconds. With this feature, you can configure the time from 5 to 90 seconds. This helps reduce the delay in accounting data usage by a device.

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# Configuring Volume Metering

Follow the procedure given below to configure volume metering:

**Procedure**

|  | Command or Action | Purpose |
|---|---|---|
| Step 1 | **configure terminal**<br><br>**Example:**<br><br>`Device# configure terminal` | Enters global configuration mode. |
| Step 2 | **ap profile** *profile-name*<br><br>**Example:**<br><br>`Device(config)# ap profile yy-ap-profile` | Configures an AP profile and enters ap profile configuration mode. |
| Step 3 | **dot11 24ghz reporting-interval** *reporting-interval*<br><br>**Example:**<br><br>`Device(config-ap-profile)# dot11 24ghz reporting-interval 60` | Configures the dot11 parameters. |
| Step 4 | **dot11 5ghz reporting-interval** *reporting-interval*<br><br>**Example:**<br><br>`Device(config-ap-profile)# dot11 5ghz reporting-interval 60` | Configures the dot11 parameters. |

| | Command or Action | Purpose |
|---|---|---|
| Step 5 | **exit**<br><br>**Example:**<br><br>Device(config-ap-profile)# exit | Returns to global configuration mode. |
| Step 6 | **aaa accounting update periodic** *interval-in-minutes*<br><br>**Example:**<br><br>Device(config)# aaa accounting update periodic 75 | Sets the time interval (in minutes) at which the embedded wireless controller sends interim accounting updates of the client to the RADIUS server. |
| Step 7 | **exit**<br><br>**Example:**<br><br>Device(config)# exit | Exits configuration mode and returns to privileged EXEC mode. |