



# Terminal on Unit


6300-CX, 6310-DX, 6330-MX, and 6350-SR

# Terminal on Unit

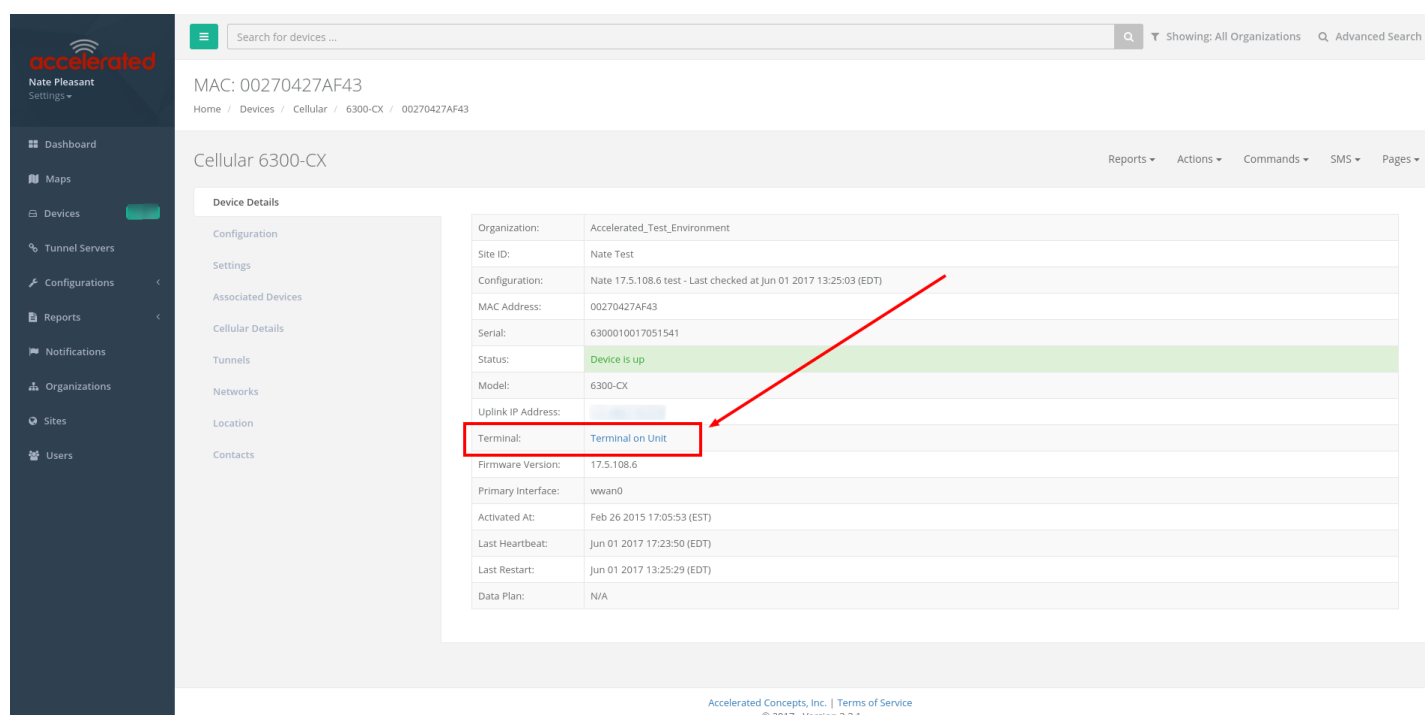
Skill level: *Intermediate*

## Goal

To access the console of an Accelerated LTE router using the *Terminal on Unit* link presented in Accelerated View for the device.

 The *Terminal on Unit* access leverages the management tunnel established between the 63xx-series router and Accelerated View. For details on the monthly data usage for this access, refer to the following article:

[Data Usage Estimates](#)



The screenshot shows the Accelerated View interface for a Cellular 6300-CX router. The left sidebar contains navigation options like Dashboard, Maps, Devices, Tunnel Servers, Configurations, Reports, Notifications, Organizations, Sites, and Users. The main content area displays device details for MAC: 00270427AF43. A table lists various attributes, with the 'Terminal' field highlighted by a red box and a red arrow pointing to the 'Terminal on Unit' link.

Organization:	Accelerated_Test_Environment
Site ID:	Nate Test
Configuration:	Nate 17.5.108.6 test - Last checked at Jun 01 2017 13:25:03 (EDT)
MAC Address:	00270427AF43
Serial:	6300010017051541
Status:	Device is up
Model:	6300-CX
Uplink IP Address:	
Terminal:	<a href="#">Terminal on Unit</a>
Firmware Version:	17.5.108.6
Primary Interface:	wwan0
Activated AT:	Feb 26 2015 17:05:53 (EST)
Last Heartbeat:	Jun 01 2017 17:23:50 (EDT)
Last Restart:	Jun 01 2017 13:25:29 (EDT)
Data Plan:	N/A

## Setup

For this setup, you will need access to Accelerated View, and a 63xx-series router online and syncing with Accelerated View. If you see the 63xx-series router listed as up (green status) in Accelerated View, you are good to go.

## Details

Accelerated View utilizes the IPSec tunnel the 63xx-series router establishes to remote.accns.com to provide terminal access to the console of the router.

! For details on the monthly data usage for this access, refer to the following article:

[Data Usage Estimates](#)

The following configuration settings will setup the 6300-CX to report its IPSec tunnel local IP address as the management IP that Accelerated View can then use to access its console.

Open the configuration profile for the 63xx-series router. Under **IPSec -> Accelerated View**, set the **Management priority to 10**. This will tell the 63xx-series router to treat the AView IPSec tunnel as the highest priority management interface, which it then reports to Accelerated View as the IP that can be used to access its console.

The screenshot shows the configuration page for an IPSec tunnel. The 'Accelerated View' section is expanded, showing the following settings:

- Enable:
- Mode: Tunnel mode
- Protocol: ESP
- Pre-shared key: .....
- Show:
- Management Priority: 10 (highlighted with a red box and a red arrow)

Below the 'Accelerated View' section, there are sections for XAUTH client, Enable MODECFG client, Local endpoint, Remote endpoint, Policies, IKE, Dead peer detection, NAT, and Active recovery. At the bottom, there is an 'Add IPsec tunnel' button.

Once you apply the new configuration to the 63xx-series router, reboot the 63xx-series device so it rebuilds the IPSec tunnel and reports the new IPSec local IP address to Accelerated View. You can verify that Accelerated View is using the IPSec local IP as the management IP by looking at the **Uplink IP address** on the **Device Details** tab. This value should be set to a 172.x.x.x IP address.

The screenshot shows the Accelerated View interface for a device with MAC address 00270427AF43. The device is identified as a 6300-CX model. The 'Uplink IP Address' is 172.27.175.67, which is highlighted with a red box and a red arrow. The 'Terminal' link is also visible.

Device Details	
Organization:	Accelerated_Test_Environment
Site ID:	Nate Test
Configuration:	Nate 17.5.108.6 test - Last checked at Jun 01 2017 17:56:28 (EDT)
MAC Address:	00270427AF43
Serial:	6300010017051541
Status:	Device is up
Model:	6300-CX
Uplink IP Address:	172.27.175.67
Terminal:	<a href="#">Terminal on Unit</a>
Firmware Version:	17.5.108.6
Primary Interface:	wwan0
Activated At:	Feb 26 2015 17:05:53 (EST)
Last Heartbeat:	Jun 01 2017 18:00:51 (EDT)
Last Restart:	Jun 01 2017 17:56:12 (EDT)
Data Plan:	N/A

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## Using the Terminal on Unit link

Once the correct management IP is reported from the 63xx-series router to Accelerated View, clicking the *Terminal on Unit* will open a page on Accelerated View to provide the user access to the console of the 63xx-series router. Default login credentials are below.

User: root

Password: default

To create a different user or change the root user's password, refer to [this article](#).

The screenshot shows the Accelerated Concepts web interface. On the left is a dark sidebar with the logo and a navigation menu including Dashboard, Maps, Devices, Tunnel Servers, Configurations, Reports, Notifications, Organizations, Sites, and Users. The main content area has a search bar at the top and displays the MAC address 00270427AF43. Below this, it shows the terminal output for a root user connecting to 172.27.175.67... The terminal text includes: "User: root", "Connecting to 172.27.175.67...", "Password:", "Connecting now, 'exit' to disconnect from Admin CLI ...", and "#". At the bottom of the terminal window, there is a footer: "Accelerated Concepts, Inc. | Terms of Service © 2017 - Version 3.3.1".

ⓘ There is a known issue where the predictive/auto-correct feature of the [Google keyboard](#) renders it incompatible with the Terminal page. If you access the above Terminal with an Android phone or tablet, you will need to use a different keyboard other than the native Google keyboard.