



Enabling Shell Access

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

Enabling Shell Access

Difficulty: *Beginner*

Goal

To enable shell access to an Accelerated User Equipment (UE) via the SSH protocol.

Setup

This article assumes the UE is running default configuration with the root password assignment, and central management disabled. Similar procedures apply if shell access is to be enabled in central management.

Configuration Steps

This configuration enables the local shell access for an existing root user. This procedure is applicable to any other users on the UE just the same.

Open the configuration page for the UE and make the following changes.

1. Ensure **Service** -> **SSH** -> **Enable** is checked.
2. Check the box under **Authentication** -> **Groups** -> **admin** -> **Shell access**.
3. Click **Save** to update configurations.

The screenshot shows a configuration page for 'Services'. The 'SSH' section is expanded, showing the following settings:

- Enable**:
- Port**:
- Access control list**:
- Private key**:

Other services listed below SSH include Telnet, DNS, Remote control, SNMP, and Multicast, all with expandable icons.

Authentication

Idle timeout

Methods

Groups

admin

Admin access

Shell access

Serial access

Serial ports

OpenVPN access

OpenVPN

Nagios access

serial

Add Group Group Add

Users

TACACS+

Once the configurations have been successfully saved, the UE's shell can be accessed via SSH. Below is an example shell login process:

```
$ ssh root@192.168.2.1
$ password
Access selection menu:

a: Admin CLI
s: Shell
q: Quit

Select access or quit [admin] : s

Connecting now, 'exit' to disconnect from shell ...

#
```