

## Network utilities

### - Ping & Traceroute Utilities

Ping & traceroutes commands to test reachability & determine the forwarding path

Ping => continuous flow of Internet Control Message Protocol

- monitor traffic to decode packets

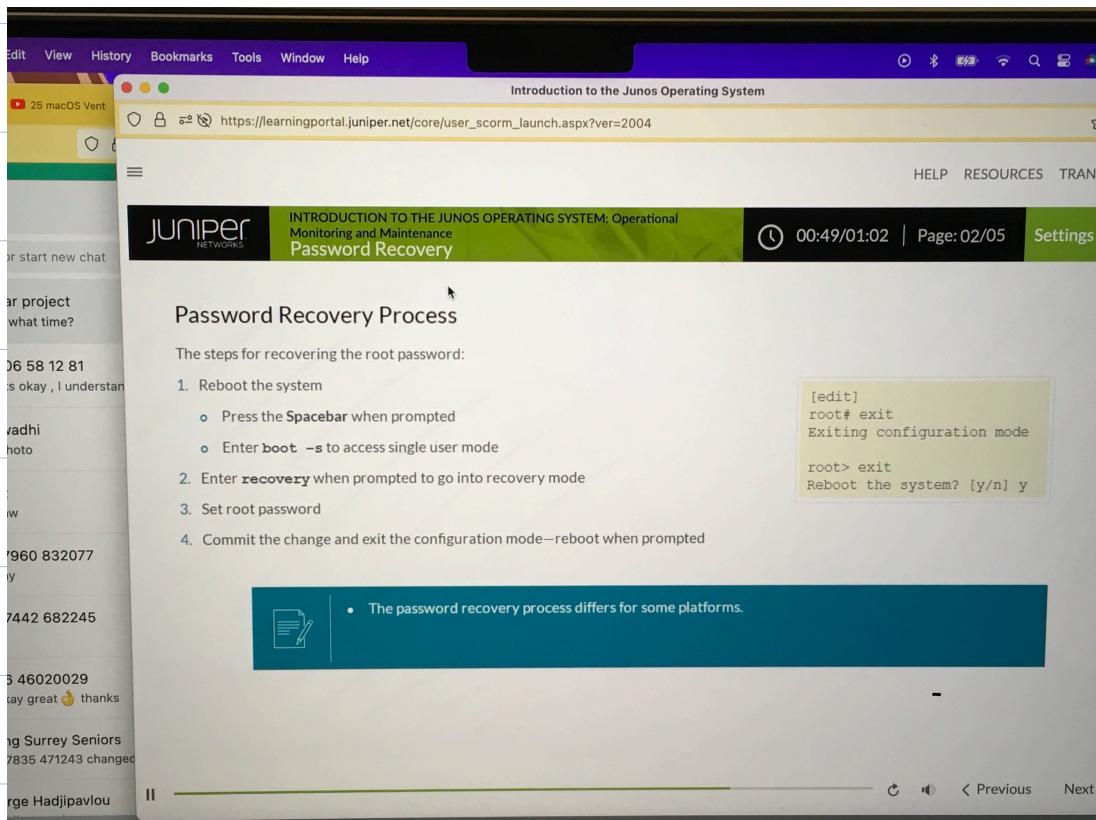
-> SSH, Telnet, & FTP

↳ using file copy command to transfer files to and from device

V V V V V V V V

# Password Recovery

↳ Most have a console



INTRODUCTION TO THE JUNOS OPERATING SYSTEM: Operational Monitoring and Maintenance  
Password Recovery

00:38/00:58 | Page: 03/05 Settings

Search or start new chat

1d Year project  
You: what time?  
34 606 58 12 81  
Thats okay , I understand

A Alawadhi  
✓ Photo

Tom z  
I'm omw

+44 7960 832077  
✓ Okay

+44 7442 682245  
Okay

+31 6 46020029  
Okay great thanks

EEEng Surrey Seniors  
+44 7835 471243 changed

## Password Recovery Process on Junos OS with Upgraded FreeBSD

- Must have a console connection
- The steps for recovering the root password on Junos OS with Upgraded FreeBSD:
  - Reboot the system
  - Access the Junos OS Main Menu by pressing **Ctrl+c** after Wind River Linux console is started
  - At the Junos OS Main Menu, press the **M** or **5** key to activate the **5. [M]ore options** menu
  - Press **C** or **2** key to access the **2. Recovery mode - [C]LI** option. The router will reboot into CLI recovery mode
  - Enter the configuration mode in the CLI and set root password

```
root> configure
Entering configuration mode
[edit]
root# set system root-authentication plain-text-password
New password:
Retype new password:
```

INTRODUCTION TO THE JUNOS OPERATING SYSTEM: Operational Monitoring and Maintenance  
Password Recovery

00:00/00:00 | Page: 04/05 Settings

Check Your Understanding

Q1 Which command is used to set the root password?  
Select the correct answer and click Submit.

net system root-authentication plain-text-password

That's correct!

The `set system root-authentication plain-text-password` command is used to set the root password.

Continue

SUBMIT

> ◀ ▶ < Previous Next



+ LAB !!