Recover the root password on a Juniper Switch

1. **Power off your switch by unplugging the power cord or turning off the power at the wall switch.**
2. **Insert one end of the Ethernet cable into the serial port on the management device and connect the other end to the console port on the back of the switch.**
3. **On the management device, start your asynchronous terminal emulation application (such as Microsoft Windows Hyperterminal) and select the appropriate COM port to use (for example, COM1).**
4. **Configure the port settings as follows:**

Bits per second: 9600

Data bits: 8

Parity: None

Stop bits: 1

Flow control: None

1. **Power on your switch by plugging in the power cord or turning on the power atthe wall switch.**
2. **When the following prompt appears, press the Spacebar to access the switch's bootstrap loader command prompt:**

Hit [Enter] to boot immediately, or space bar for command prompt.

Booting [kernel] in 1 second...

1. **At the following prompt, type boot -s to start up the system in single-user mode:**

loader> boot -s

1. **At the following prompt, type recovery to start the root password recovery procedure**:

Enter full path name of shell or 'recovery' for root password recovery or RETURN for /bin/sh: recovery

A series of messages describe consistency checks, mounting of filesystems, and initialization and checkout of management services. Then the CLI prompt appears.

1. **Enter configuration mode in the CLI:**

user@switch> edit

1. Set the root password. For example:

user@switch# set system root-authentication plain-text-password

1. At the following prompt, enter the new root password. For example:

New password: <enter password>

Retype new password:

1. At the second prompt, reenter the new root password.
2. If you are finished configuring the network, commit the configuration.root@switch# commit

commit complete

1. Exit configuration mode in the CLI.

root@switch# exit

1. Exit operational mode in the CLI.

root@switch> exit

1. At the prompt, enter y to reboot the switch.

Reboot the system? [y/n] y