

Password Recovery for AA10G and AA100G.

The following example describes the password recovery for NPBOS on the AA10G54AC and AA100G32AC.

Step1: Power Cycle the switch

step2: Enter ONIE:

```
+-----+
| PicOS
| *ONIE
+-----+
```

Use the ^ and v keys to select which entry is highlighted.
Press enter to boot the selected OS, `e' to edit the commands
before booting or `c' for a command-line.

3) From GRUB prompt, Choose ONIE: Rescue to Install OS, Boot ONIE in rescue mode.

GNU GRUB version 2.02~beta2+e4a1fe391

```
+-----+
| ONIE: Install OS
| *ONIE: Rescue
| ONIE: Uninstall OS
| ONIE: Update ONIE
| ONIE: Embed ONIE
+-----+
```

4) Check the PicOS installed in which partition.

```
# blkid
/dev/sda7: UUID="bbc67205-6b81-4fb1-8eaf-0c715618d967"
/dev/sda6: LABEL="PICOS-BAK" UUID="a087ae28-2275-43b0-be51-9d5c41e6c893"
/dev/sda5: LABEL="PicOS" UUID="d5dc00e9-b795-4299-a704-b83f7d5f499f"
/dev/sda4: LABEL="PICOS-GRUB" UUID="cecb33b4-7371-428d-a7c0-2b1a338a1bb1"
/dev/sda3: UUID="55A0-8D5A"
/dev/sda2: LABEL="ONIE-BOOT" UUID="73ab6d1f-567e-4ebc-84d4-a5ef85502278"
```

Please select the LABEL name is PicOS partition(/dev/sda5)

5) Mount /dev/sda5

```
# mount /dev/sda5 /mnt
```

6) Modify the file

```
# cd /mnt
```

```
# vi etc/shadow
```

change from:

```
admin:$1$eE9WFgVk$EwGcNI83uK98.r8TcKn2q/:15385:0:99999:7:::
```

into:

```
admin::15385:0:99999:7::: <==remove the string between the first and the second colon
```

7) Sync

```
# sync
```

8) Umount and reboot the switch.

```
# umount /mnt
```

```
# reboot
```

9) Boot PicOS, then login by user admin, user can login it without password on the console port.

```
[...] Starting: PicOS L2/L3..PowerPC Book-E Watchdog Timer Enabled (wdt_period=29)
..... ok
XorPlus login: admin
admin@XorPlus$
```

10) Config the password in linux(set the passwd of admin with command "passwd admin").
Resetting password in linux:
admin@XorPlus\$sudo passwd admin
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
admin@XorPlus\$