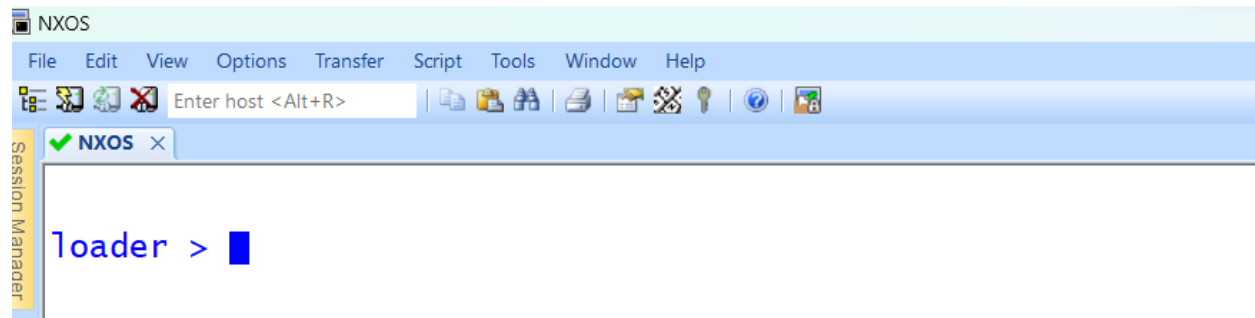


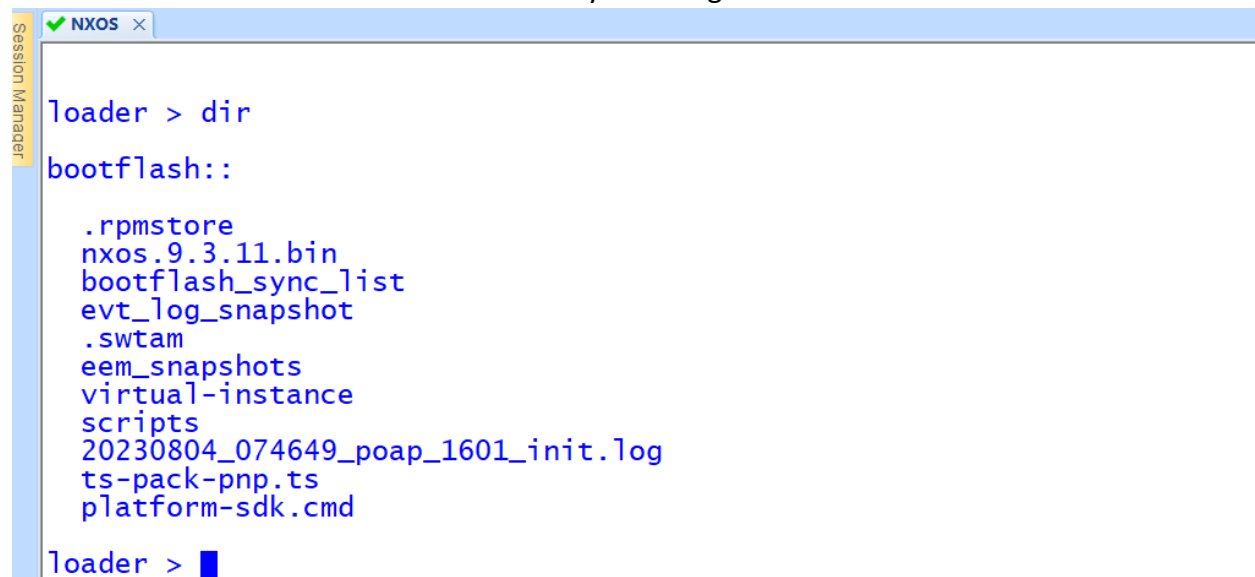
Boot Loader Prompt for Nexus 9K:

If the system boots and falls into “loader>” prompt.



A screenshot of the NXOS boot loader interface. The window title is 'NXOS'. The menu bar includes 'File', 'Edit', 'View', 'Options', 'Transfer', 'Script', 'Tools', 'Window', and 'Help'. The toolbar contains various icons for file operations and network settings. The main session area shows the prompt 'loader >' followed by a blue cursor.

Issue the command **dir** to check the directory the image is **nxos.9.3.11.bin**.

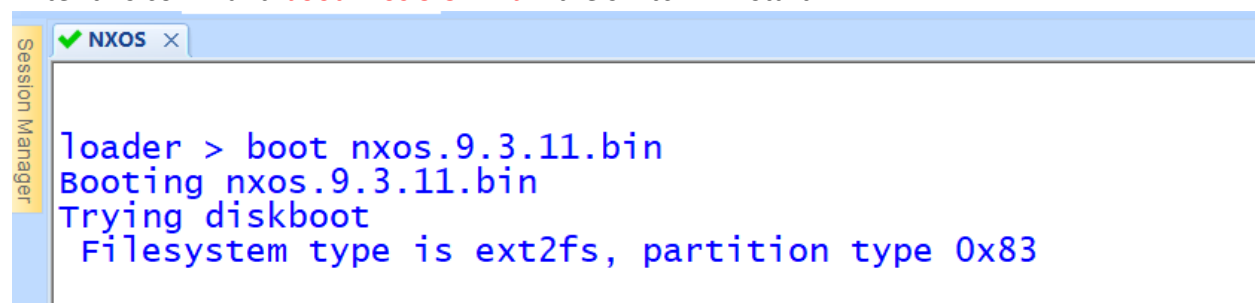


A screenshot of the NXOS boot loader interface showing the output of the 'dir' command. The prompt is 'loader > dir'. The output lists the contents of the bootflash: directory:

```
bootflash::  
  
  .rpmstore  
  nxos.9.3.11.bin  
  bootflash_sync_list  
  evt_log_snapshot  
  .swtam  
  eem_snapshots  
  virtual-instance  
  scripts  
  20230804_074649_poap_1601_init.log  
  ts-pack-pnp.ts  
  platform-sdk.cmd
```

The prompt returns to 'loader >' with a blue cursor.

Enter this command **boot nxos.9.3.11.bin** the switch will start.



A screenshot of the NXOS boot loader interface showing the execution of the 'boot nxos.9.3.11.bin' command. The prompt is 'loader > boot nxos.9.3.11.bin'. The output shows the boot process:

```
loader > boot nxos.9.3.11.bin  
Booting nxos.9.3.11.bin  
Trying diskboot  
Filesystem type is ext2fs, partition type 0x83
```

Once the switch is boot up, set password for Nexus 9K or can skip POAP.

```
Abort Power On Auto Provisioning [yes - continue with normal setup, skip -
h Power On Auto Provisioning] (yes/skip/no)[no]: skip
!!! NOTE: You have selected skip option. POAP will be aborted and password
2023 Aug 4 07:58:35 switch %$ VDC-1 %$ %SYSMGR-SLOT1-2-SERVICE_CRASHED: Se
be saved).
Disabling POAP.....Disabling POAP
2023 Aug 4 07:58:39 switch %$ VDC-1 %$ poap: Rolling back, please wait...
2023 Aug 4 07:58:49 switch %$ VDC-1 %$ %COPP-2-COPP_POLICY: Control-Plane
```

User Access Verification

login: █

Login to the switch default username is **admin** there is no password just hit enter.

User Access Verification

login: admin

Password:

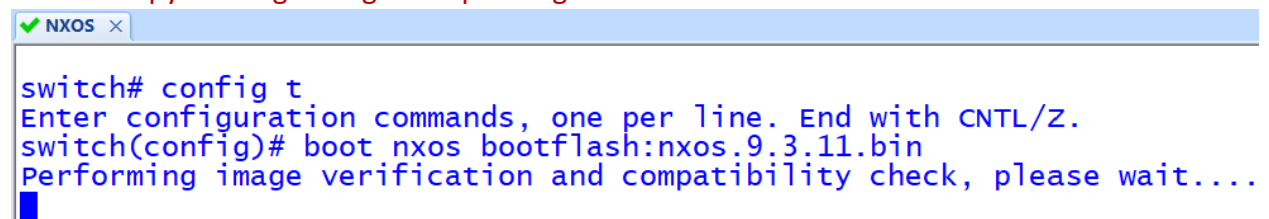
As soon as you set up your Cisco Nexus 9000 (following set up of POAP interface), you need to configure the boot image in your system to avoid dropping to the "loader >" prompt after reload/shut down.

```
switch# config t
```

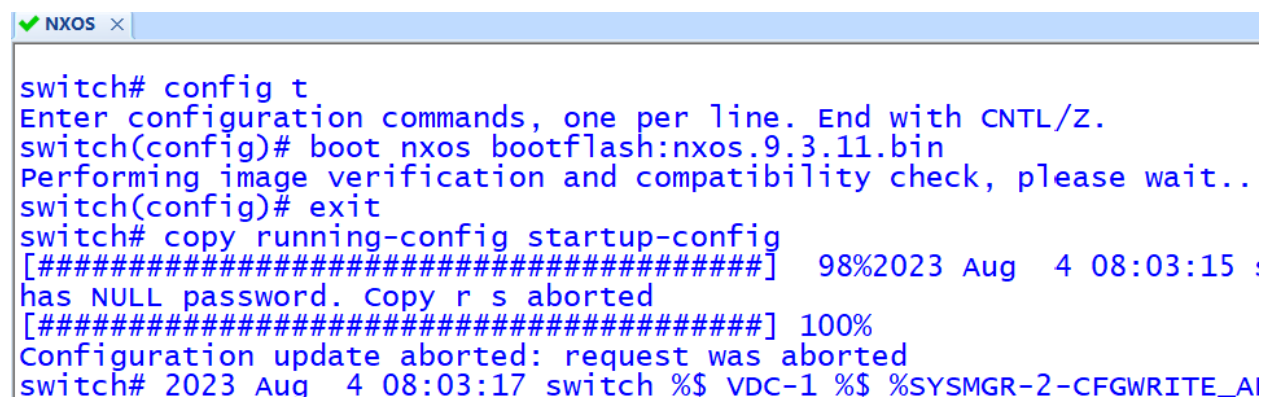
```
switch(config)# boot nxos bootflash:nxos.9.3.11.bin
```

```
switch(config)# exit
```

```
switch# copy running-config startup-config
```



```
switch# config t
Enter configuration commands, one per line. End with CNTL/Z.
switch(config)# boot nxos bootflash:nxos.9.3.11.bin
Performing image verification and compatibility check, please wait....
█
```



```
switch# config t
Enter configuration commands, one per line. End with CNTL/Z.
switch(config)# boot nxos bootflash:nxos.9.3.11.bin
Performing image verification and compatibility check, please wait..
switch(config)# exit
switch# copy running-config startup-config
[#####] 98%2023 Aug 4 08:03:15 :
has NULL password. Copy r s aborted
[#####] 100%
Configuration update aborted: request was aborted
switch# 2023 Aug 4 08:03:17 switch %$ VDC-1 %$ %SYSMGR-2-CFGWRITE_AI
```