

# Recover Password for Firepower 2100 Series

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## Introduction

This document describes the recovery procedure to be followed when the admin password is lost.

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco Firepower Extensible Operating System (FXOS)
- Password-recovery requires serial console access and the ability to power-on the FPR 2100 device.

### Components Used

The information in this document is based on FPR 2100 series version 1.0.00 or higher.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Background Information

The current FXOS version reimages the box when this flow is invoked. All configuration data can be lost. To factory reset the device, connect to FXOS and local-mgmt and issue [erase configuration](#).

## Procedure

Step 1. Power-cycle the Firepower21xx device. You have 10 seconds to interrupt the ROMMON default boot sequence with a press of the **ESC** key.

```
*****  
Cisco System ROMMON, Version 1.0.00, RELEASE SOFTWARE  
Copyright (c) 1994-2017 by Cisco Systems, Inc.  
Compiled Tue 01/03/2017 23:55:11.41 by builder  
*****
```

```
Current image running: Boot ROM0
Last reset cause: ResetRequest
DIMM_1/1 : Present
DIMM_2/1 : Present
```


```
Platform FPR-2130 with 32768 MBytes of main memory
BIOS has been successfully locked !!
MAC Address: 0c:75:bd:08:c8:00
```

```
Use BREAK or ESC to interrupt boot.
Use SPACE to begin boot immediately.
Boot interrupted.
```

```
rommon 1 >
```

Step 2. Invoke the **password\_reset** ROMMON command.

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 **Warning:** This command performs a reimage on the Firepower 21xx appliance, and erases the ASA configuration.

---

```
rommon 1 > password_reset
WARNING: User configurations can be lost with this operation
Are you sure ? yes/no [no]: yes
```

```
Enabling password reset..
Please continue to boot the image !
rommon 2 >
```

---

 **Tip:** For ROMMON version 1.0.04 and earlier, use the **password\_reset** command. This command was changed to **factory-reset** in later versions.


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To validate your actual ROMMON version, use this command:

```
rommon 1 > show info
Cisco System ROMMON, Version 1.0.06, RELEASE SOFTWARE
Copyright (c) 1994-2018 by Cisco Systems, Inc.
Compiled Wed 11/01/2018 18:38:59.66 by builder
```

Step 3. Boot the device and invoke the boot command. You can use the default image or specify a different image to boot.

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 **Note:** It can take about 20-40 minutes (depends on the model) to complete the process.

---

```
<#root>
```

```
rommon 3 > boot
```

Located '.boot\_string' @ cluster 648129.

#  
Located 'installables/switch/fxos-k8-fp2k-1fbff.2.2.1.29.SPA' @ cluster 404198.

#####  
#####

<skipped>

INIT: version 2.88 booting  
Starting udev  
Configuring network interfaces... done.  
Populating dev cache  
Starting Power Off Shutdown Handler (poshd)  
poshd: using FPGA version 1.0.00 and PSEQ version 2.11  
Primary SSD discovered  
eMMC Flash not detected; retrying  
eMMC Flash not detected; retrying  
eMMC Flash not detected; retrying  
Rommon requested SSD reformat

Formating SSD...

Creating config partition: START: 1MB END: 1001MB

mke2fs 1.42.8 (20-Jun-2013)  
Discarding device blocks: done  
Filesystem label=  
OS type: Linux  
Block size=4096 (log=2)  
Fragment size=4096 (log=2)  
Stride=0 blocks, Stripe width=0 blocks  
61056 inodes, 244224 blocks  
12211 blocks (5.00%) reserved for the super user  
First data block=0  
Maximum filesystem blocks=251658240  
8 block groups  
32768 blocks per group, 32768 fragments per group  
7632 inodes per group  
Superblock backups stored on blocks:  
    32768, 98304, 163840, 229376

.  
. .  
. .  
. .  
. .  
. .  
[./sbin/fsck.vfat (1) -- /dev/sdc1] fsck.vfat -a /dev/sdc1  
dosfsck 2.11, 12 Mar 2005, FAT32, LFN  
/dev/sdc1: 47 files, 616932/1937459 clusters  
fsck(/dev/sdc1) returned 0  
Running postinst /etc/rpm-postinsts/100-apache2...  
Running postinst /etc/rpm-postinsts/101-syslog-ng...  
Running postinst /etc/rpm-postinsts/102-bind...  
INIT: Entering runlevel: 3un-postinsts exists during rc.d purge  
Starting system message bus: dbus.  
Starting OpenBSD Secure Shell server: sshd  
done.

```
Starting rpcbind daemon...done.  
starting statd: done  
Starting Advanced Configuration and Power Interface daemon: acpid.  
acpid: starting up
```

After the appliance is rebooted, use the default credentials **admin/Admin123** to connect, once the log in prompt is available. The same credentials can be used once Firepower Device Manager (FDM) and Firepower Chassis Manager (FCM) are ready.