



# Password Recovery for the Cisco Nexus Cloud Services Platform

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This document describes how to recover a lost network administrator password.

## Creating a New Network Administrator Password

This section describes how to recover a lost password. This section includes the following topics:

- [Booting into Run Level 1, page 3-1](#)
- [Creating a Password for the Admin User in the Cloud Services Platform, page 3-2](#)

## Booting into Run Level 1

### DETAILED STEPS

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- Step 1** Log in to the serial console using the CIMC IP address with the admin account and password:  
`ssh admin@x.x.x.x`
- Step 2** After logging in, enter the **connect host** command:  
`#connect host`
- Step 3** Reload the system or power cycle the system from the CIMC console.  
The system brings up the nexus-1010-kickstart binary.
- Step 4** [Figure 3-1](#) displays the following message.

Figure 3-1 Loading System Software Message

```

Auto booting bootflash:/nexus-1010-kickstart-mz.4.2.1.SP1.6.2.bin bootflash:/ne
xus-1010-mz.4.2.1.SP1.6.2.bin...
Booting kickstart image: bootflash:/nexus-1010-kickstart-mz.4.2.1.SP1.6.2.bin..
..
.....Image verification
OK

Starting kernel...
PCI: PIIX3: Enabling Passive Release on 000

Usage: init 0123456SsQqAaBbCcUu
mkdir: cannot create directory `/new-root/old-root': File exists
INIT: version 2.85 booting
Bootflash device is /dev/hda
Checking all filesystems.....r done.

Setting kernel variables: sysctlnet.ipv4.ip_forward = 0
net.ipv4.ip_default_ttl = 64
net.ipv4.ip_no_pmtu_disc = 1
'
/etc/rc.d/rcS.d/S35iptables: line 41: //iptables: No such file or directory
/etc/rc.d/rcS.d/S35iptables: line 44: //ip6tables: No such file or directory
Loading system software
INIT: Switching to runlevel: 1
INIT: Sending processes the TERM signal
Stopping dhcpd daemon: dhcpd.
Unexporting directories for NFS kernel daemon...done.
Stopping NFS kernel daemon: rpc.mountd rpc.nfsd...done.
Unexporting directories for NFS kernel daemon...
done.
Stopping kernel log daemon: klogd.
INIT: Going single users: init
INIT: Sending processes the TERM signal
INIT: Sending processes the KILL signal
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
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switch(boot)# conf t

```

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After several seconds, the message “Loading system software” displays. After the message is displayed, use the key combination **Ctrl + J**.

- Step 5** An INIT run-level switch begins. You should see the message “INIT: Switching to runlevel:1.” Wait for several seconds until the system stabilizes at the **switch(boot)#** prompt:

```
switch(boot)#
```

- Step 6** Enter the **admin-password** command to set the new password to the user *admin*:

```
admin-password
```

**Example:**

```

switch(boot)# configure terminal
switch(boot)(config)# admin-password <enter_new_password_here>
switch(boot)(config)# end
switch(boot)# dir bootflash:
switch(boot)# load <system image file>

```

## Creating a Password for the Admin User in the Cloud Services Platform

You can create a network administrator password when you have network-admin privileges.

### BEFORE YOU BEGIN

Before beginning this procedure, make sure that:

- Only one Cisco Nexus 1010 is up inside a high availability pair, and change the password on that device.

- You are logged in to the **switch(boot)#** in EXEC mode.
- Your username has network-admin privileges.

## SUMMARY STEPS

1. **configure terminal**
2. **admin-password 'enter\_new\_password\_here'**
3. **end**
4. **Load the system image**
  - a. **dir bootflash:**
  - b. **load 'system image'**

## DETAILED STEPS

	Command	Purpose
Step 1	<b>config t</b>  <b>Example:</b> switch(boot)# config t switch(boot)(config)#	Places you into CLI global configuration mode.
Step 2	<b>admin-password &lt;new_password&gt;</b>  <b>Example:</b> switch(boot)(config)# admin-password new_password	Changes the network admin password in the running configuration.
Step 3	<b>exit</b>  <b>Example:</b> switch(boot)(config)# end switch(boot)#	Exits global configuration mode and returns you to EXEC mode.
Step 4	<b>copy running-config startup-config</b>  <b>Example:</b> switch(boot)# switch(boot)# dir bootflash: switch(boot)#load bootflash:system_image	Saves the running configuration persistently through reboots and restarts by copying it to the startup configuration.