

Steps to reset root password on the PowerChute Virtual Appliance (AlmaLinux)

Open the PowerChute VM Console.

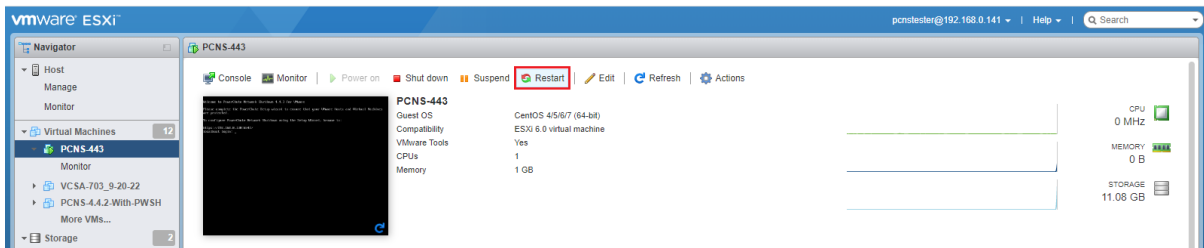
```
Welcome to PowerChute Network Shutdown 4.5 for VMware

Please complete the PowerChute Setup wizard to ensure that your VMware Hosts and Virtual Machines
are protected.

To configure PowerChute Network Shutdown using the Setup Wizard, browse to:

https://10.216.249.125:6547/
https://2001:db0:c10:4:250:56ff:fe87:5abd:6547/
localhost login: _
```

Reboot/Reset the PowerChute Appliance (VM) via the ESXi host or vCenter Server



Once the VM begins to reboot you will see the next screen

```
AlmaLinux (4.18.0-348.23.1.el8_5.x86_64) 8.5 (Arctic Sphynx)
AlmaLinux (0-rescue-fd9665cbb0cc46318f608a986f0d9953) 8.5 (Arctic Sphynx)

Use the ↑ and ↓ keys to change the selection.
Press 'e' to edit the selected item, or 'c' for a command prompt.
```

Press 'e' during the boot process on the grub menu to enter the grub editor.

```
load_video
set gfx_payload=keep
insmod gzio
linux ($root)/vmlinuz-4.18.0-348.23.1.el8_5.x86_64 root=/dev/mapper/almalinux-
root ro crashkernel=auto resume=/dev/mapper/almalinux-swap rd.lvm.lv=almalinux\
/root rd.lvm.lv=almalinux/swap rhgb quiet
initrd ($root)/initramfs-4.18.0-348.23.1.el8_5.x86_64.img $tuned_initrd

Press Ctrl-x to start, Ctrl-c for a command prompt or Escape to
discard edits and return to the menu. Pressing Tab lists
possible completions.
```

Use the arrow keys to move to the end of the line that starts with "linux" and add the following at the end of the line – "rd.break enforcing=0"

```
load_video
set gfx_payload=keep
insmod gzio
linux ($root)/vmlinuz-4.18.0-348.23.1.el8_5.x86_64 root=/dev/mapper/almalinux-
root ro crashkernel=auto resume=/dev/mapper/almalinux-swap rd.lvm.lv=almalinux\
/root rd.lvm.lv=almalinux/swap rhgb quiet rd.break enforcing=0_
initrd ($root)/initramfs-4.18.0-348.23.1.el8_5.x86_64.img $tuned_initrd
```

Then press Ctrl + x to boot to emergency mode.

Mount the /sysroot directory with read and write permissions with the command "mount -o rw,remount /sysroot"

```
Generating "/run/initramfs/rdsosreport.txt"

Entering emergency mode. Exit the shell to continue.
Type "journalctl" to view system logs.
You might want to save "/run/initramfs/rdsosreport.txt" to a USB stick or /boot
after mounting them and attach it to a bug report.

switch_root:/# mount -o rw,remount /sysroot_
```

Next, change the directory environment to /sysroot

```
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switch_root:/# mount -o rw,remount /sysroot
switch_root:/#
switch_root:/# chroot /sysroot_
```

Use the command "passwd root" to set a new password for the root user.

NOTE: Beginning with PCNS 5.2, the VM root password must contain upper- and lower-case letters, at least one number, and special character.

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after mounting them and attach it to a bug report.

switch_root:/# mount -o rw,remount /sysroot
switch_root:/#
switch_root:/# chroot /sysroot
sh-4.4#
sh-4.4#
sh-4.4# passwd root
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
sh-4.4#
```

Exit sysroot by typing the command "exit" and make the filesystem read-only again by typing the command "mount -o ro,remount /sysroot"

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switch_root:/# mount -o rw,remount /sysroot
switch_root:/#
switch_root:/# chroot /sysroot
sh-4.4#
sh-4.4#
sh-4.4# passwd root
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
sh-4.4# exit
exit
switch_root:/# mount -o ro,remount /sysroot
switch_root:/#
```

Exit emergency mode and reboot the appliance. The command is exit.

You can now log into the VM using the new root password.