

## Kali Update

This presentation shows updating Kali using a shell script.

### Hardware/Software Used in Presentation

Kali version 2016.2

OpenVAS version 8.0 later updated to 9.0

VMware Player 12.5.5

Preuss

4/21/2017

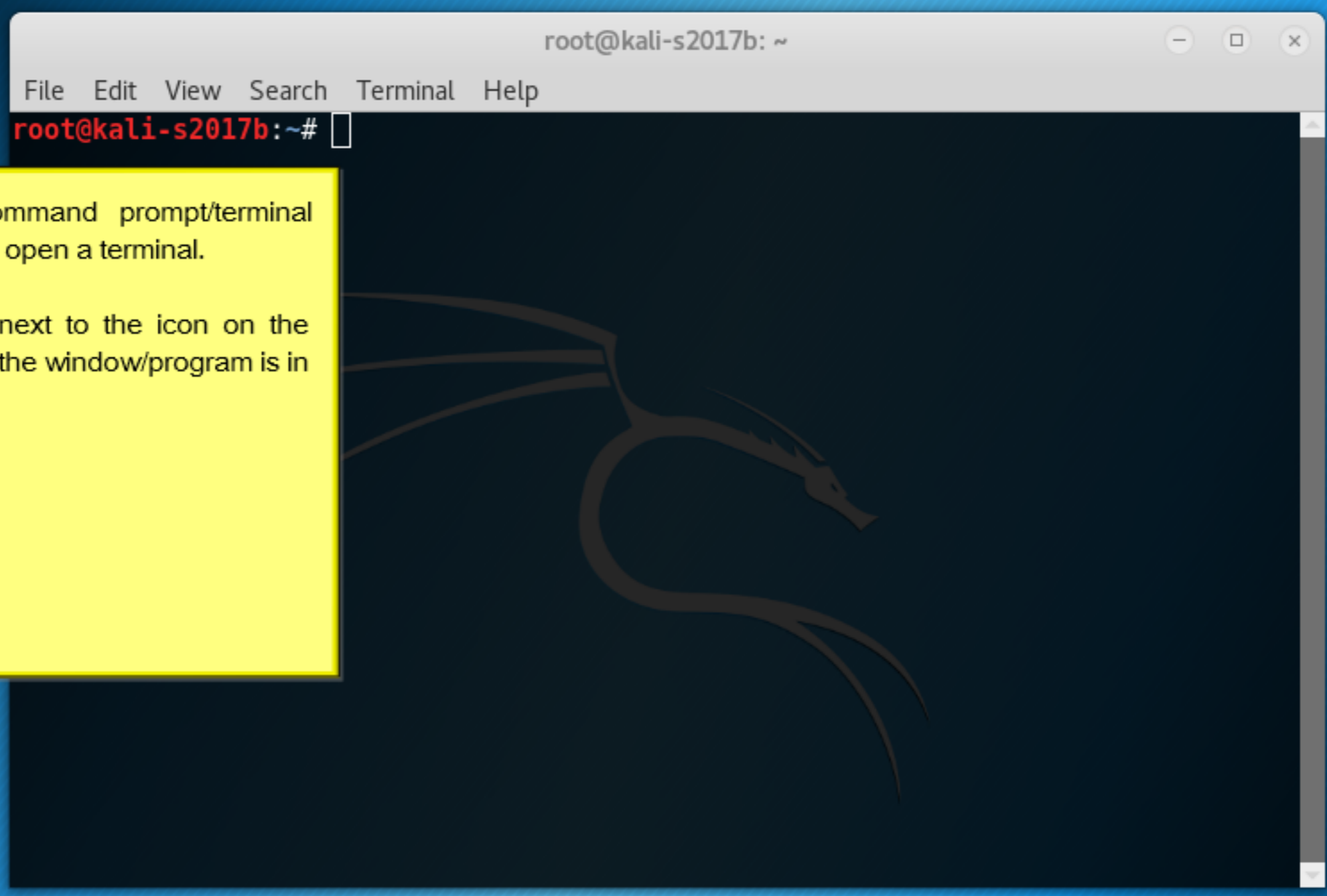


The first step is starting and login to Kali.



Select the command prompt/terminal window icon to open a terminal.

The blue dot next to the icon on the dock indicates the window/program is in current use.



```
root@kali-s2017b: ~/script
File Edit View Search Terminal Help
root@kali-s2017b:~# cd script/
root@kali-s2017b:~/script#
```

The presentation changes the default directory as shown. This will only work on M State Moorhead images.

The command is  
cd script/

root@kali-s2017b: ~/script

File Edit View Search Terminal Help

```
root@kali-s2017b:~# cd script/  
root@kali-s2017b:~/script# ls  
feedupdate.sh  update-kali.sh  
root@kali-s2017b:~/script#
```

The presentation does a directory listing of the script directory. This will only work on M State Moorhead images.

```
root@kali-s2017b: ~/script
File Edit View Search Terminal Help
root@kali-s2017b:~# cd script/
root@kali-s2017b:~/script# ls
feedupdate.sh  update-kali.sh
root@kali-s2017b:~/script# ./update-kali.sh
```

The presentation issues the update script. This script is found on M State Moorhead images.



```

root@kali-s2017b: ~/script
File Edit View Search Terminal Help
Setting up python3-reportbug (7.1.6) ...
Processing triggers for libc-bin (2.24-9) ...
Processing triggers for udev (232-22) ...
Setting up postgresql-client-common (181) ...
Setting up postgresql (9.6+181) ...
Processing triggers for systemd (232-22) ...
Setting up postgresql-common (181) ...
supported-versions: WARNING! Unknown distribution: kali
debian found in ID_LIKE, treating as Debian
supported-versions: WARNING: Unknown Debian release: 2017.1
insserv: warning: current start runlevel(s) (empty) of scrip
ides LSB defaults (2 3 4 5).
insserv: warning: current stop runlevel(s) (0 1 2 3 4 5 6) o
' overrides LSB defaults (0 1 6).
Setting up libmtp9:amd64 (1.1.13-1) ...
Processing triggers for man-db (2.7.6.1-2) ...
Processing triggers for gnome-menus (3.13.3-9) ...
Processing triggers for hicolor-icon-theme (0.15-1) ...
Setting up libmtp-runtime (1.1.13-1) ...
Setting up reportbug (7.1.6) ...
Processing triggers for libc-bin (2.24-9) ...
If the OS updates, then please reboot.
root@kali-s2017b:~/script# cat update-kali.sh

```

The presentation shows the results of the update script.

The command on the last line will show the contents of the M State Moorhead image update script.



Show Applications

```
root@kali-s2017b: ~/script
File Edit View Search Terminal Help
root@kali-s2017b:~/script# cat update-kali.sh
#!/bin/bash

# This script will update Kali
# http://docs.kali.org/general-use/install-vmware-tools-kali-guest
# Preuss 4/20/2017

apt install -y linux-headers-$(uname -r)
apt update && apt -y full-upgrade

# Note: if OS updates, then reboot.
echo "If the OS updates, then please reboot."

root@kali-s2017b:~/script#
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root@kali-s2017b:~/script#
root@kali-s2017b:~/script#
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root@kali-s2017b:~/script#
root@kali-s2017b:~/script#
```

The presentation is reviewing the contents of the M State Moorhead image update script.





