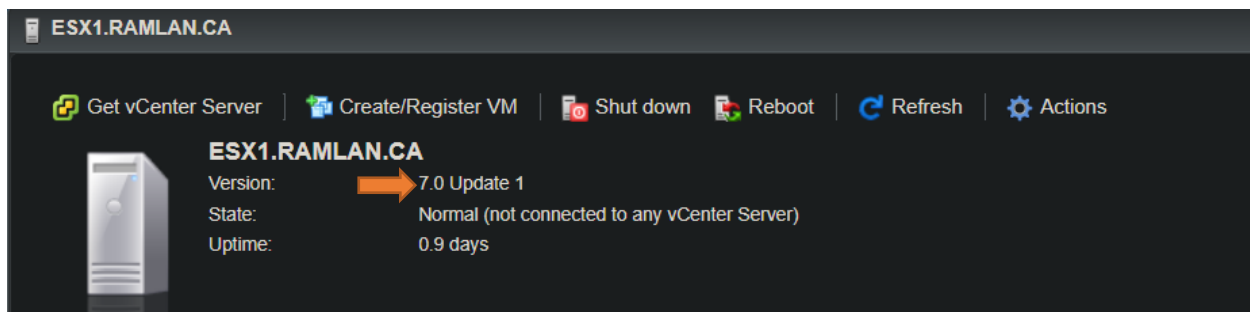


# Patch Standalone ESXi host manually

VMWare released vSphere 7 update 2 last month. I am going to update standalone ESXi1 using CLI. I was able to download offline package of update 2 in zip format. Uploaded the file to Datastore1. Will put the host in maintenance mode and run the CLI commands.

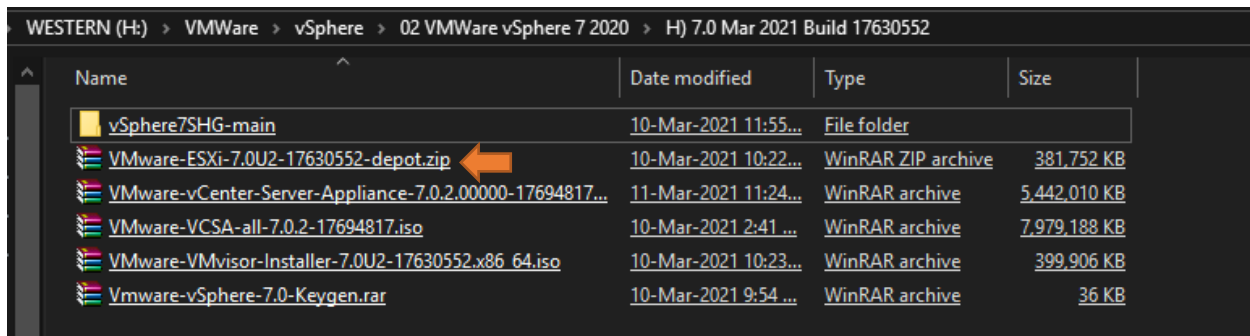


ESX1.RAMLAN.CA

Get vCenter Server | Create/Register VM | Shut down | Reboot | Refresh | Actions

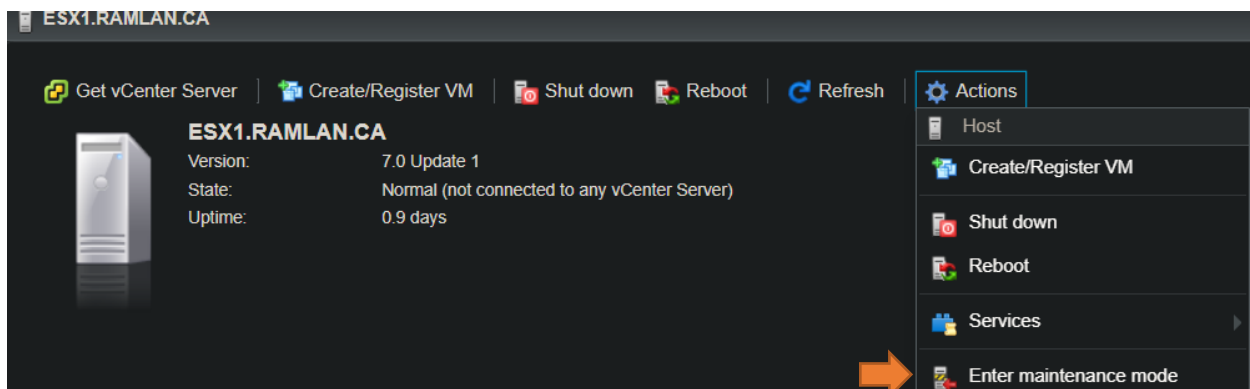
**ESX1.RAMLAN.CA**

Version: 7.0 Update 1  
State: Normal (not connected to any vCenter Server)  
Uptime: 0.9 days



WESTERN (H:) > VMWare > vSphere > 02 VMWare vSphere 7 2020 > H) 7.0 Mar 2021 Build 17630552

Name	Date modified	Type	Size
vSphere7SHG-main	10-Mar-2021 11:55...	File folder	
VMware-ESXi-7.0U2-17630552-depot.zip	10-Mar-2021 10:22...	WinRAR ZIP archive	381,752 KB
VMware-vCenter-Server-Appliance-7.0.2.00000-17694817...	11-Mar-2021 11:24...	WinRAR archive	5,442,010 KB
VMware-VCSA-all-7.0.2-17694817.iso	10-Mar-2021 2:41 ...	WinRAR archive	7,979,188 KB
VMware-VMvisor-Installer-7.0U2-17630552.x86_64.iso	10-Mar-2021 10:23...	WinRAR archive	399,906 KB
VMware-vSphere-7.0-Keygen.rar	10-Mar-2021 9:54 ...	WinRAR archive	36 KB



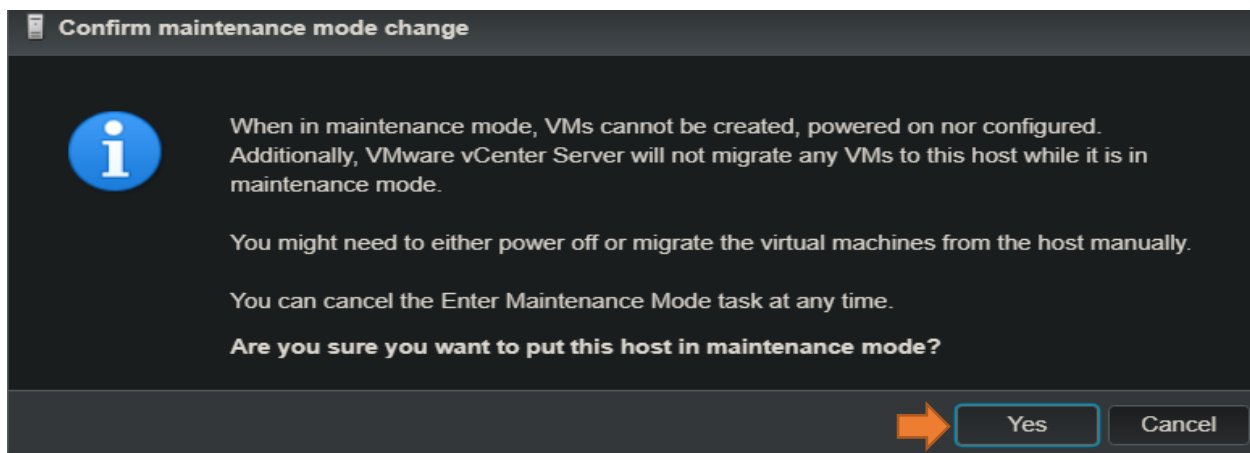
ESX1.RAMLAN.CA

Get vCenter Server | Create/Register VM | Shut down | Reboot | Refresh | Actions

**ESX1.RAMLAN.CA**

Version: 7.0 Update 1  
State: Normal (not connected to any vCenter Server)  
Uptime: 0.9 days

- Host
- Create/Register VM
- Shut down
- Reboot
- Services
- Enter maintenance mode



**Confirm maintenance mode change**

**i** When in maintenance mode, VMs cannot be created, powered on nor configured. Additionally, VMware vCenter Server will not migrate any VMs to this host while it is in maintenance mode.

You might need to either power off or migrate the virtual machines from the host manually.

You can cancel the Enter Maintenance Mode task at any time.

**Are you sure you want to put this host in maintenance mode?**

Yes Cancel

Press ALT+F1 and enter the credentials.

```
ESXi 7.0.1 http://www.vmware.com
Copyright (c) 2007-2021 VMware, Inc.

ESXi.RANLAN.CA login: root
Password:
The time and date of this login have been sent to the system logs.

WARNING:
All commands run on the ESXi shell are logged and may be included in
support bundles. Do not provide passwords directly on the command line.
Most tools can prompt for secrets or accept them from standard input.

VMware offers supported, powerful system administration tools. Please
see www.vmware.com/go/sysadmintools for details.

The ESXi Shell can be disabled by an administrative user. See the
vSphere Security documentation for more information.
[root@ESXi:~] _
```

After that run this command

`esxcli software vib update -d /vmfs/volumes/Datastore1/VMware-ESXi-7.0U2-17630552-depot.zip`

```
[root@ESXi:~] ls
altbootbank  bootpart4kn.gz  lib64          proc           store          usr
bin          dev             local.tgz      productLocker  tar disks     var
bootbank     etc             locker         sbin           tar disks.noauto  vifs
bootpart.gz  lib            opt            scratch        tmp            vmimages
[root@ESXi:~] esxcli software vib update -d /vmfs/volumes/datastore1/VMware-ESXi-7.0U2-17630552-depot.zip
```

Once the update are done – run this command

**reboot**

Press ALT+F1 and enter the credentials

```
ESXi 7.0.1 http://www.vmware.com
Copyright (c) 2007-2021 VMware, Inc.

ESXi.RANLAN.CA login: root
Password:
The time and date of this login have been sent to the system logs.

WARNING:
All commands run on the ESXi shell are logged and may be included in
support bundles. Do not provide passwords directly on the command line.
Most tools can prompt for secrets or accept them from standard input.

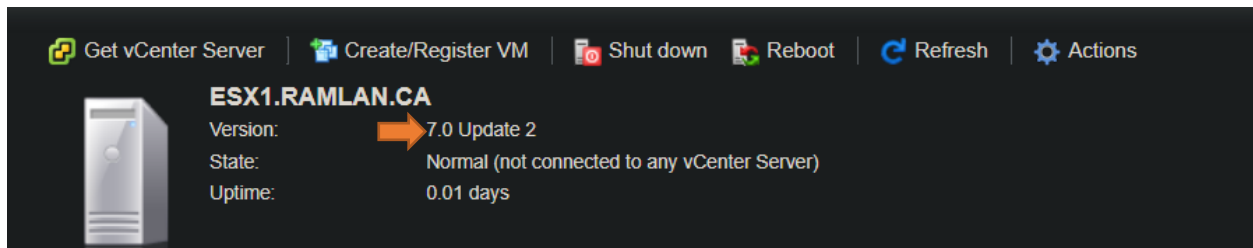
VMware offers supported, powerful system administration tools. Please
see www.vmware.com/go/sysadmintools for details.

The ESXi Shell can be disabled by an administrative user. See the
vSphere Security documentation for more information.
[root@ESXi:~] _
```

After that run this command

`esxcli system maintenanceMode set --enable false`

Now check the update status



The screenshot shows a dark-themed interface for a vCenter Server. At the top, there is a navigation bar with several icons and labels: 'Get vCenter Server', 'Create/Register VM', 'Shut down', 'Reboot', 'Refresh', and 'Actions'. Below this, on the left, is a server icon. To its right, the text 'ESX1.RAMLAN.CA' is displayed in a bold, white font. Underneath the name, three status items are listed: 'Version:' followed by an orange arrow pointing to '7.0 Update 2'; 'State:' followed by 'Normal (not connected to any vCenter Server)'; and 'Uptime:' followed by '0.01 days'.

Version:	7.0 Update 2
State:	Normal (not connected to any vCenter Server)
Uptime:	0.01 days

This concludes updating ESXi standalone manually using CLI.

Thanks

**Ram Lan**

**16<sup>th</sup> Mar 2021**