

Oracle Enterprise Linux 7 (LVM)

Version:	1.0.0
Created by:	cloudimg

Table of Contents

1.) Overview.....	1
2.) Access & Security.....	2
3.) System Requirements.....	2
4.) Connecting to the Instance.....	2
5.) On Startup.....	2
6.) Filesystem Configuration.....	3
7.) Server Components.....	3
8.) Scripts and Log Files.....	4
9.) Using System Components.....	4

1.) Overview

This document is provided as a user guide for the Oracle Enterprise Linux 7 (LVM) product offering on the Azure Marketplace. Please reach out to support@cloudimg.co.uk if any issues are encountered following this user guide for the chosen product offering.



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>

2.) Access & Security

Please update the security group of the target instance to allow the below ports and protocols for access and connectivity.

Protocol	Type	Port	Description
SSH	TCP	22	SSH connectivity

3.) System Requirements

The minimum supported system requirements for the chosen product offering can be found below

Minimum CPU	Minimum RAM	Required Disk Space
1	2 GB	20 GB

4.) Connecting to the Instance

Once launched in the Azure Virtual Machines Service, please connect to the instance via an SSH client using the **azureuser** with the key pair associated at launch. Once connected as the **azureuser**, you will be able to **sudo** to the **root** user by issuing the below command.

Switch to the root user

```
sudo su -
```

5.) On Startup

An OS package update script has been configured to run on boot to ensure the image is fully up to date at first use. You can disable this feature by removing the script from `/stage/scripts/` and deleting the entry in `crontab` for the root user.

Disable the OS update script from running on reboot

```
rm -f /stage/scripts/initial_boot_update.sh
crontab -e
#DELETE THE BELOW LINE. SAVE AND EXIT THE FILE.
@reboot /stage/scripts/initial_boot_update.sh
```



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>

6.) Filesystem Configuration

Please see below for a screenshot of the server disk configuration and specific mount point mappings for software locations.

```
Filesystem                Size      Used Avail Use% Mounted on
devtmpfs                  1.9G       0  1.9G   0% /dev
tmpfs                     2.0G       0  2.0G   0% /dev/shm
tmpfs                     2.0G   8.5M  1.9G   1% /run
tmpfs                     2.0G       0  2.0G   0% /sys/fs/cgroup
/dev/mapper/lv_root-lv_root 23G   4.0G  18G  19% /
/dev/nvme0n1p1            2.0G   172M  1.7G  10% /boot
/dev/mapper/lv_home-lv_home 15G    41M   14G   1% /home
tmpfs                     391M       0  391M   0% /run/user/1000
```

Mount Point	Description
/boot	Operating System Kernel files

7.) Server Components

Please see below for a list of installed server components and their respective installation paths. The below versions are subject to change on initial boot based on the initial_boot_update.sh script finding new versions of the software in the systems package repositories.

Component	Version	Software Home
Cloud-Init	19.4	/etc/cloud
Azure CLI	2.53.1	/lib64/az



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>

8.) Scripts and Log Files

The below table provides a breakdown of any scripts & log files created to enhance the useability of the chosen offering.

Script/Log	Path	Description
Initial_boot_update.sh	/stage/scripts	Update the Operating System with the latest updates available.
Initial_boot_update.log	/stage/scripts	Provides output for initial_boot_update.sh

9.) Using System Components

Instructions can be found below for using each component of the server build mentioned in section 7 of this user guide document.

Azure CLI

Using Azure CLI – as any OS user.

```
az
```

Cloud-Init

Edit the /etc/cloud/cloud.cfg file to reflect your desired configuration. A link to the cloud-init official documentation can be found below for referencing best practise for your use case.

<https://cloudinit.readthedocs.io/en/latest/>

```
vi /etc/cloud/cloud.cfg
```



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>