



Kemp 360 Central for Microsoft Hyper-V

Installation Guide

UPDATED: 19 February 2019



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1 Introduction

Kemp 360 Central is a centralized management, orchestration, and monitoring application that enables the administration of deployed LoadMaster instances.

Use Kemp 360 Central to perform administrative tasks on each LoadMaster instance. This provides ease of administration because multiple LoadMasters can be administered in one place, rather than accessing each LoadMaster individually.

1.1 Document Purpose

The purpose of this document is to provide step-by-step instructions on deploying Kemp 360 Central with Microsoft Hyper-V.

1.2 Intended Audience

This document is intended for anyone who needs more information about deploying Kemp 360 Central with Microsoft Hyper-V.

1.3 Check the Virtual Machine Settings

Note that since Version 1.25.2, the default minimum Virtual Machine provisioning requirements for new installs have been updated as follows:

Resource	V1.24 and earlier firmware	V1.25.2 and later firmware
CPU	Two cores	Four cores
RAM	4 GB	8 GB
Disk Storage	40 GB	250 GB

Upgrades to Version 1.25.2 and later releases will not update existing Virtual Machine resources. To modify your current Virtual Machine configuration to conform to the above minimum values, contact Kemp Support.

2 Installing Kemp 360 Central using Hyper-V Manager

The following instructions describe how to install Kemp 360 Central on a Hyper-V environment using the Hyper-V Manager.

2.1 Download the Hyper-V Files

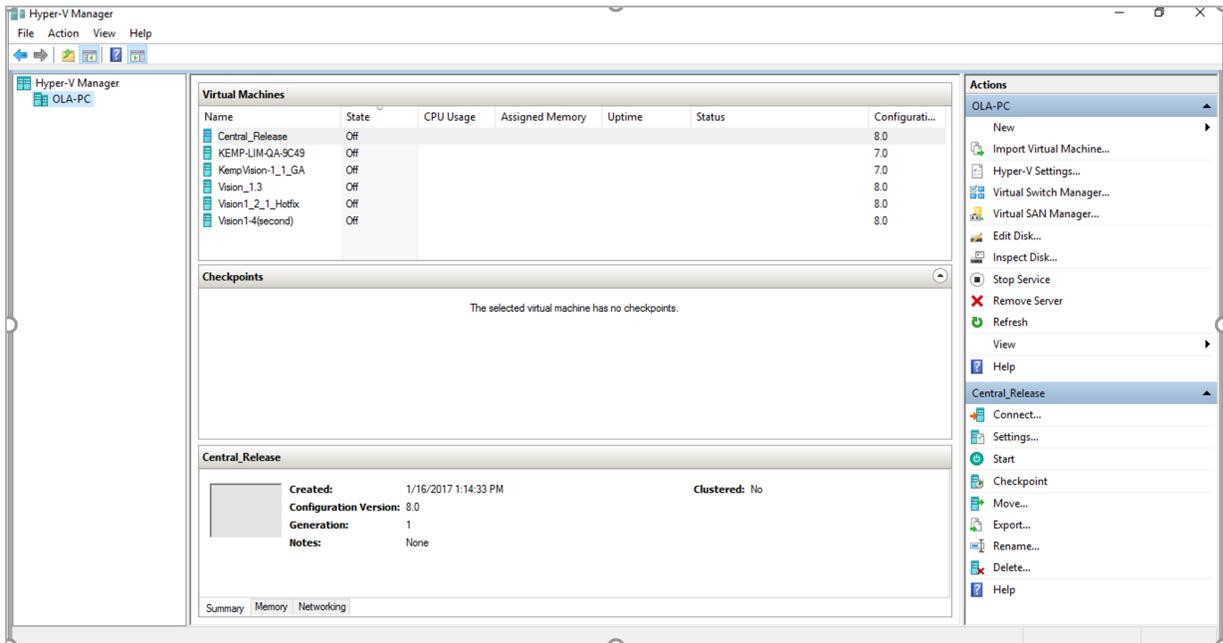
Kemp 360 Central is packaged within a .vhd file for ease of deployment. This file can be freely downloaded from Kemp and by default offers a permanent two device license.

1. Visit the download page at <https://kemptechnologies.com/kemp360-central-download>
2. Select your country from the drop-down list.
3. Select your hypervisor platform.
4. Click **Download** to start the download.
5. Checksums are provided to allow integrity checking of the download.
6. If necessary, unzip the download to an accessible location.

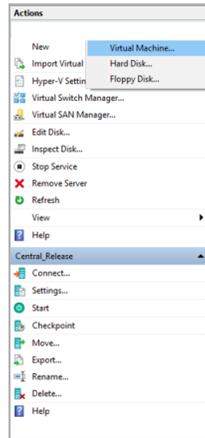
2.2 Create a New Instance of Kemp 360 Central

To create a new instance of Kemp 360 Central, use the **New Virtual Machine** function within the Hyper-V Manager:

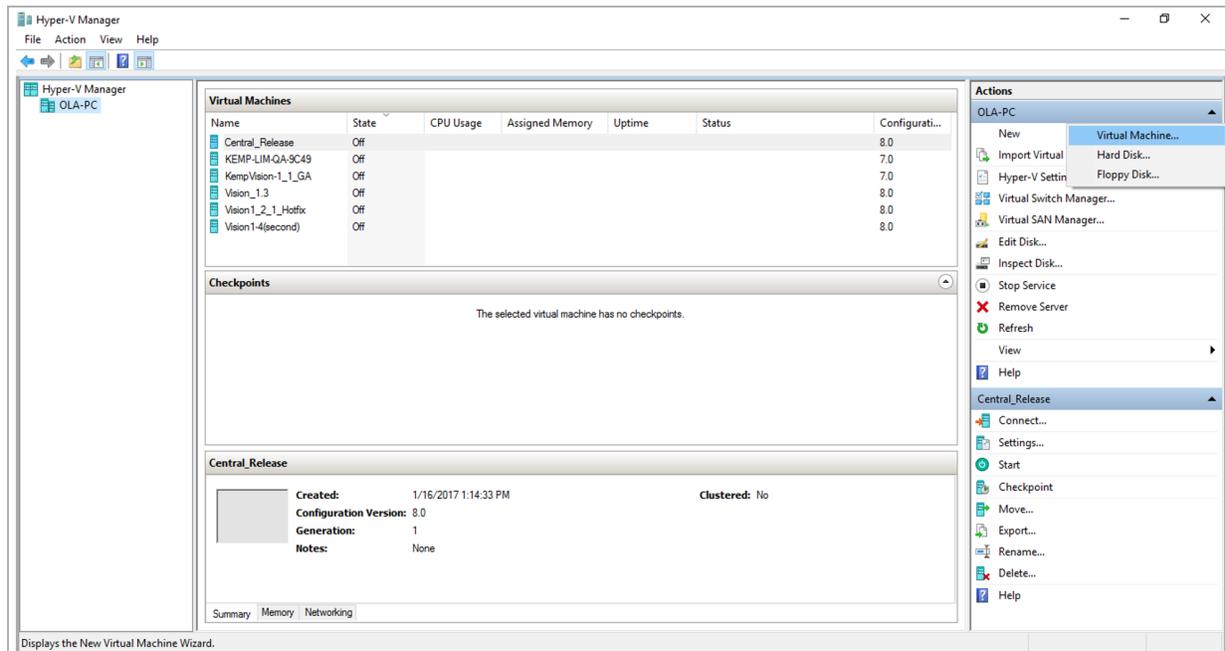
1. Open the Hyper-V Manager and select the relevant server node in the left panel.



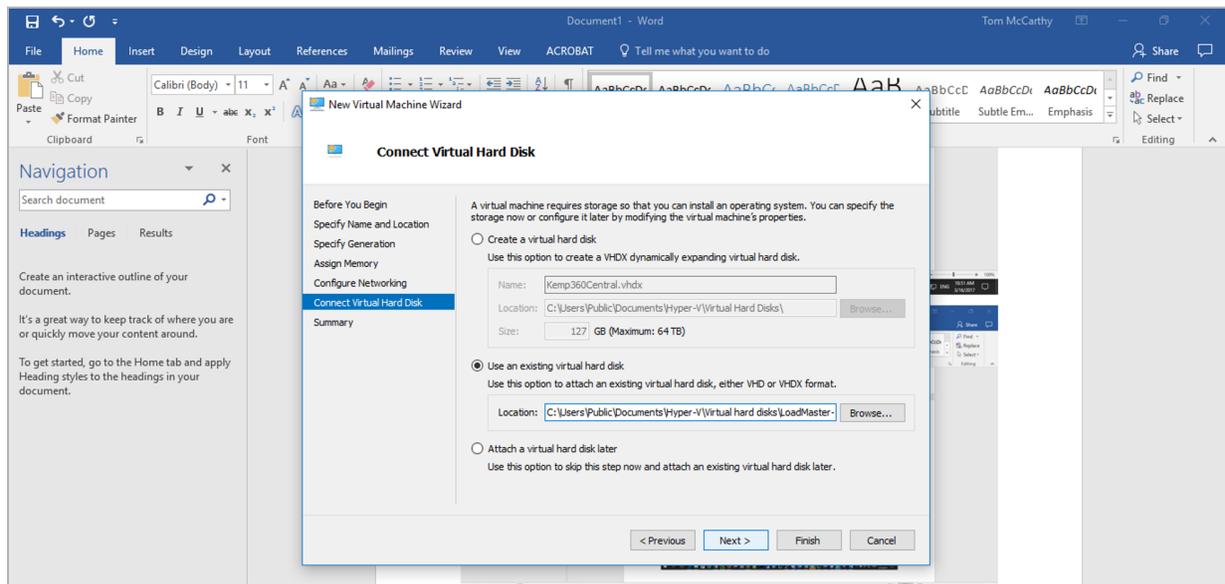
2. Click **New** in the **Actions** column and select **Virtual Machine** from the list.



2 Installing Kemp 360 Central using Hyper-V Manager



3. Click **Next** then type the name of the virtual machine and click **Next**.
4. Click the **Browse** button and browse to and select the Hyper-V.
5. Specify the amount of memory to allocate to the virtual disk then click **Next**.



6. Configure your networking connection then click **Next**.

7. Connect the virtual hard disk or browse to the location where the hard disk is stored then click **Next**.

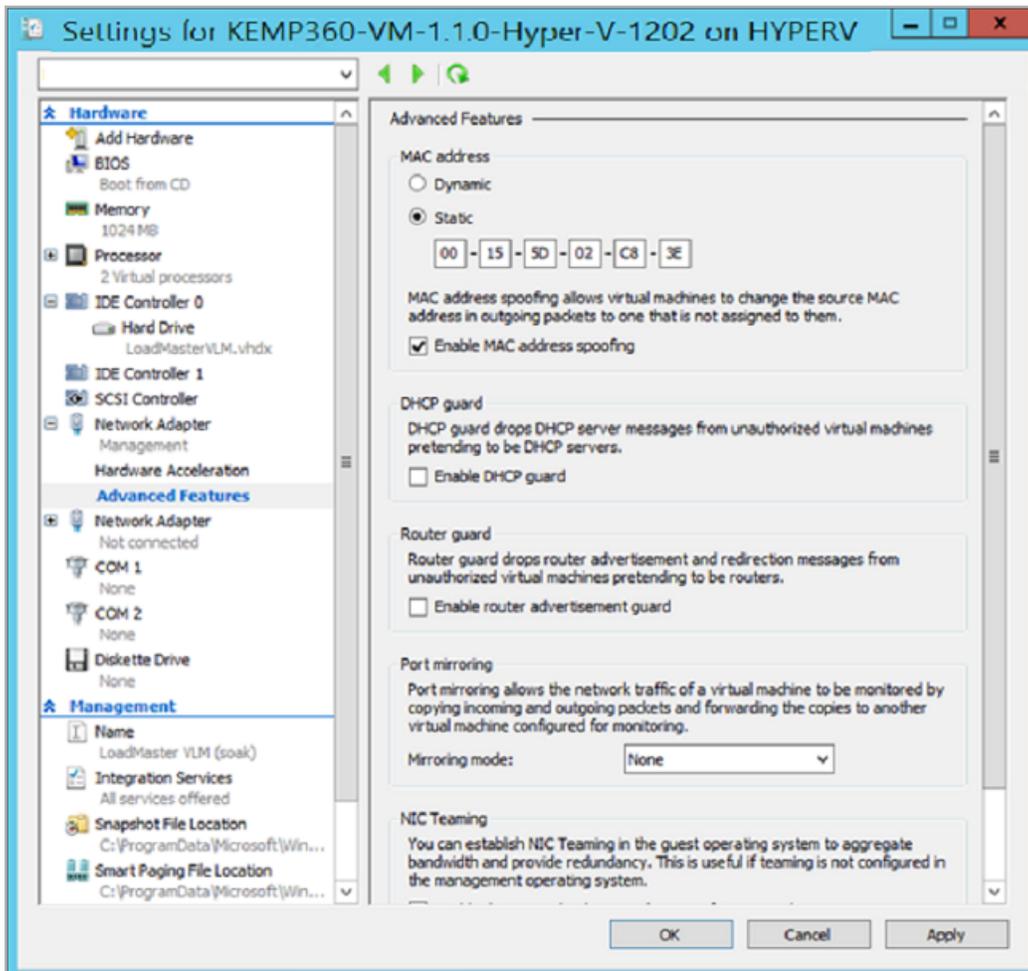
8. The Kemp 360 Central instance should be completed and should now appear within the **Virtual Machines** pane in the Hyper-V Manager.

2.3 Check the Network Adapter Settings

Before starting the Kemp 360 Central instance, first verify the network adapters are configured correctly.

1. Right-click the virtual machine you have imported within the Virtual Machines pane.
2. Click the **Settings** option.
3. Click the **Network Adapter** or **Legacy Network Adapter** option within the Hardware list.

Kemp recommend selecting the **Network Adapter** option as it provides much higher performance and less load on the host.



4. Ensure that the network adapter is configured correctly:
 - Ensure that the network adapter is connected to the correct virtual network.
 - Expand the **Network Adapter** menu and select **Advanced Features**, select the **Static** option within the MAC address section and type the relevant **MAC address**.
 - Ensure that the **Enable spoofing of MAC addresses** checkbox is selected.
5. Click the **OK** button.
6. Repeat these steps for the second network adapter.

2.4 Power On the Kemp 360 Central Instance

Once the Kemp 360 Central instance has been deployed it can be powered on:

1. Right-click the Kemp 360 Central machine which was imported within the **Virtual Machines** pane.
2. Click **Start**.

The Kemp 360 Central instance should begin to boot up.

3. Right-click the Kemp 360 Central machine and select **Connect** to open the console window.

```
To configure, point your browser to https://10.154.190.117
kemp360 login: _
```

4. The Kemp 360 Central instance should obtain an IP address using Dynamic Host Configuration Protocol (DHCP). Make a note of this address.

If Kemp 360 Central does not obtain an IP address, or if the IP address needs to be changed, it can be manually configured in the console by following the steps in the **Manually Set the Network Settings** section.

For more information on this, including instructions on how to license Kemp 360 Central, refer to the Kemp 360 Central Feature Description on the [Kemp Documentation Page](#).

3 Manually Set the Network Settings

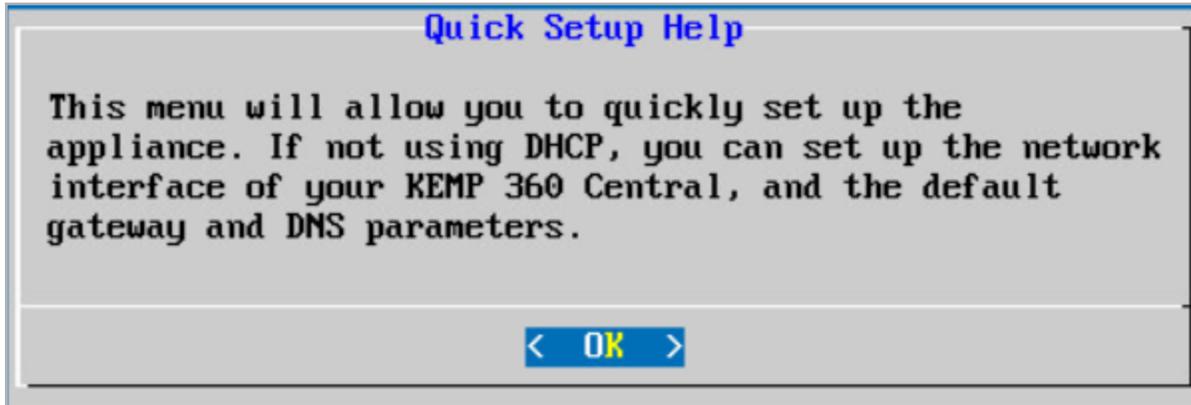
This section shows you how to manually configure the Kemp 360 Central network settings, without using DHCP.

Quick setup automatically begins when you log into Kemp 360 Central for the first time. It can also be started by selecting option one from the main menu.

The default username and password are **kemp360** and **1fourall**, respectively.

Quick setup allows the network settings for Kemp 360 Central to be quickly configured. Once Kemp 360 Central is configured and running, all other parameters can be changed using the User Interface (UI).

Quick Setup welcomes you with the following message:



The Quick Setup procedure allows the configuration of the following parameters:

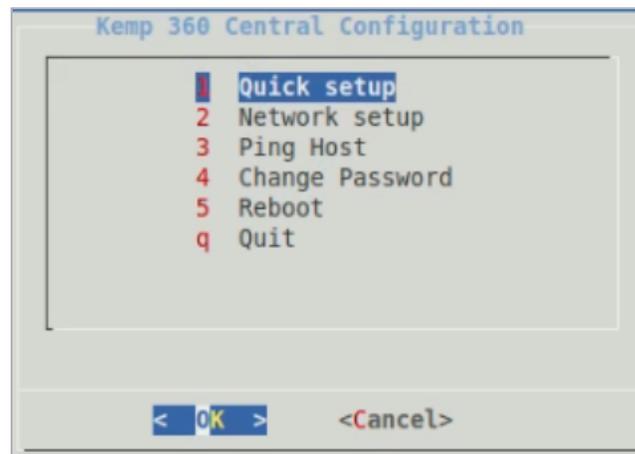
- IP address of Kemp 360 Central
- Default Gateway
- IP address or addresses of any associated name servers

After these parameters have been set, the configuration should be activated. Kemp 360 Central is then ready for use.

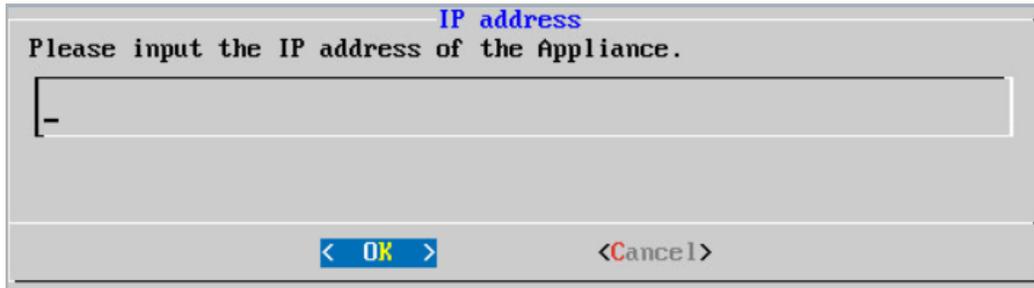
If a parameter has been incorrectly set. Use the **Cancel** button until the main menu appears. Quick Setup can then be performed again to correct the error.

To quickly set up your Kemp 360 Central, use the following steps:

1. Log in to the console.



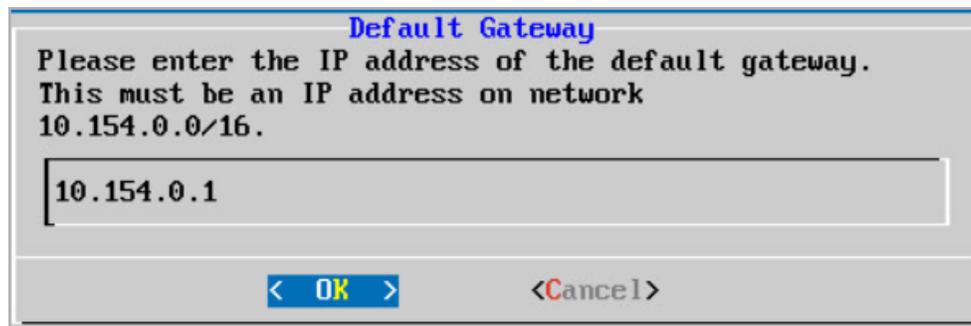
2. From the menu which displays, select **Quick Setup** and then press **OK**.
3. From the Quick Setup Help dialog box, press **OK**.
4. On the **DHCP** dialog box, select **No** to not use DHCP.



IP address
Please input the IP address of the Appliance.

< **OK** > <Cancel>

5. Type the IP address and Classless Inter-Domain Routing (CIDR) you wish to assign to Kemp 360 Central and press **OK**.



Default Gateway
Please enter the IP address of the default gateway.
This must be an IP address on network
10.154.0.0/16.

< **OK** > <Cancel>

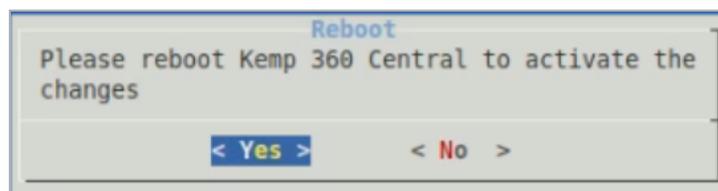
6. Type the IP address of the default gateway and press **OK**.



Name Server IP Addresses
Please enter a space separated list of nameserver IP addresses

< **OK** > <Cancel>

7. Type a space-separated list of name server IP addresses and press **OK**.



8. Press **Yes** on the **Reboot** screen to activate the setup.

More information on Console Administration for Kemp 360 Central can be found in the **Kemp 360 Central Console Administration, Interface Description**.

References

Unless otherwise specified, the below documents can be found at <http://kemptechnologies.com/documentation>.

Kemp 360 Central, Feature Description

Kemp 360 Central Console Administration, Interface Description

Last Updated Date

This document was last updated on 19 February 2019.