



# Kemp 360 Central XEN Fully Virtualized

## Installation Guide

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# 1 Introduction

This document describes the installation of Kemp 360 Central within a Xen, fully-virtualized environment.

There are several versions of the VM available. Full details of the currently supported versions are available on our website: [www.kemptechnologies.com](http://www.kemptechnologies.com).

Full virtualization provides total abstraction of the underlying physical system. No modification of the guest operating system (OS) or application is required. The guest OS or applications do not realize they are in a virtual environment.

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In tests, the Xen para-virtualized VM had much better performance levels than the Xen fully-virtualized VM.

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There may be maximum configuration limits imposed by Xen such as maximum RAM per VM, Virtual NICs per VM, and so on. For further details regarding the configuration limits imposed by Xen, refer to the relevant Xen documentation.

A wide variety of Linux distributions can be used as the Dom0 operating system. For a full list of the compatible Linux distributions, refer to [www.xen.org](http://www.xen.org).

Kemp 360 Central has been tested with the following Dom0 operating systems and versions of Xen.org.

Dom0 OS	Xen.org Version
Ubuntu 16.04.2	4.6.5

If you have any issues with the VM when using a different combination of Xen.org versions and Linux distributions as the Dom0, contact Kemp Support.

# 2 Installing Kemp 360 Central in a Xen Environment

The following instructions describe how to install Kemp 360 Central in a Xen environment.

## 2.1 Download the Xen Fully-Virtualized Files

The VM is packaged within a .tar.gz file for ease of deployment. To download the VM, follow the instructions below:

1. Go to <https://kemptechnologies.com/kemp360-central-download/>.
2. Select your country from the drop-down list provided.
3. In the **Select your hypervisor section**, click **KVM/XEN**.
4. Click **Download**.
5. A dialog box that allows you to save the ZIP file should appear automatically. If it does not, click the **you can manually start your download** link.
6. Click **Save File** and then click **OK**.
7. If you do not already have a Kemp ID, use the form at the bottom of this web page to create one.

## 2.2 Deploy Kemp 360 Central

Kemp recommends using Virtual Machine Manager to deploy Kemp 360 Central. The steps below were documented using Virtual Machine Manager:

1. Click the **Create a new virtual machine** button.

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The name cannot contain any spaces.

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2. Select **Import existing disk image**.
3. Click **Forward**.
4. Click **Browse**.

5. Browse to and select the disk file.
6. Select **Generic** as the **OS type**.
7. Select **Generic** as the Version.
8. Click **Architecture Options**.
9. Select **Full Virtualization or HVM** or **xen(fullvirt)**.
10. Click **Forward**.
11. Enter a minimum of **4096** MB in the **Memory** text box.
12. Enter a minimum of **2** in the **CPUs** text box.
13. Click **Forward**.
14. Click **Apply**.
15. Click **Finish**.

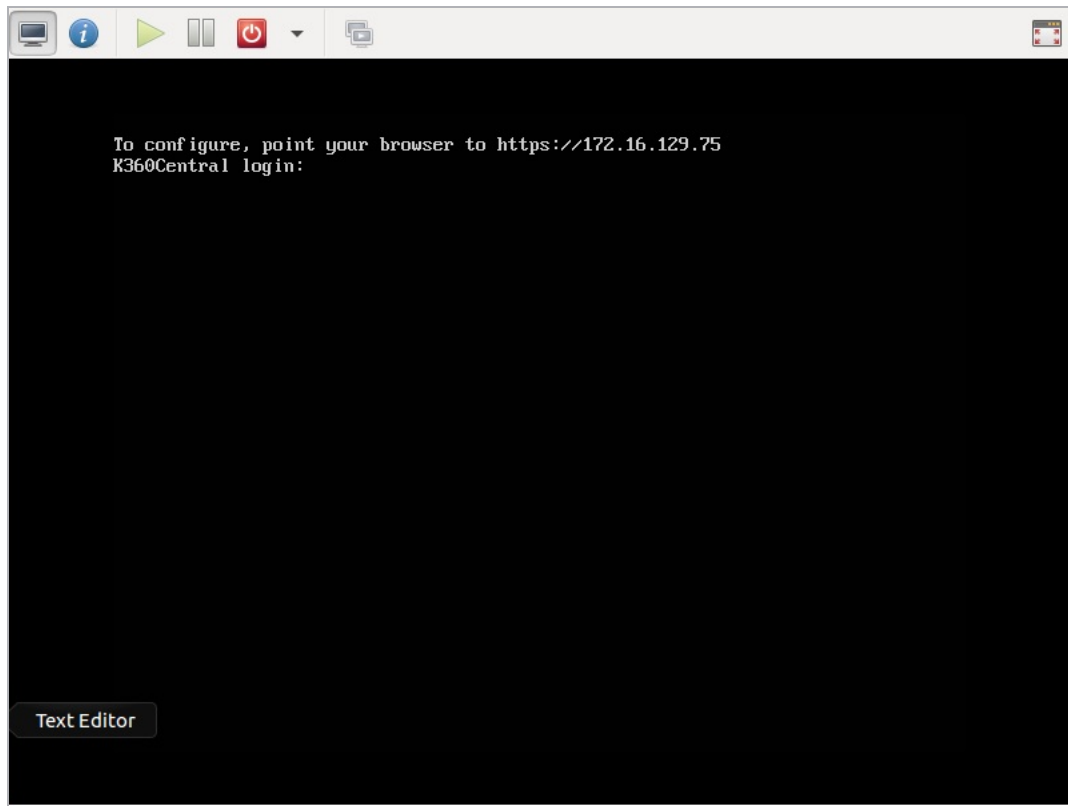
## 2.3 Check the Virtual Machine Settings

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.

## 2.4 Kemp 360 Central IP Address



The VM should obtain an IP address using DHCP. Make a note of this address.

## 2.5 License and Configure Kemp 360 Central

You must now configure Kemp 360 Central to operate within the network configuration.

1. In an internet browser, enter the IP address you previously noted.

Ensure to enter https:// before the IP address.

2. A warning may appear regarding website security certificates.
3. Click the **continue/ignore** option. The Kemp 360 Central **Welcome** page appears
4. Click **Continue** to proceed. The Kemp 360 Central End User License Agreement screen appears.
5. Read the license agreement and, if you are willing to accept the conditions therein, click **Agree** to proceed.



The image shows the Kemp 360 Central License Activation interface. It has a blue header with the Kemp logo and '360 central' text. Below the header, it says 'License Activation'. There are three tabs: 'Online', 'Offline', and 'Manual'. The 'Online' tab is selected. Below the tabs, it says 'Activate Kemp 360 Central by entering a valid Kemp ID'. There are three input fields: 'Contract ID', 'Enter your Kemp ID', and 'Enter Password'. The 'Enter Password' field has a toggle icon. Below the input fields, there is a link 'Advanced settings' and a yellow button 'License Now'.

6. If using the **Online** licensing method, fill out the fields and click **License Now**.

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If using the **Offline Licensing** method, select **Offline Licensing**, obtain the license text, paste it into the **License** field and click **Apply License**.

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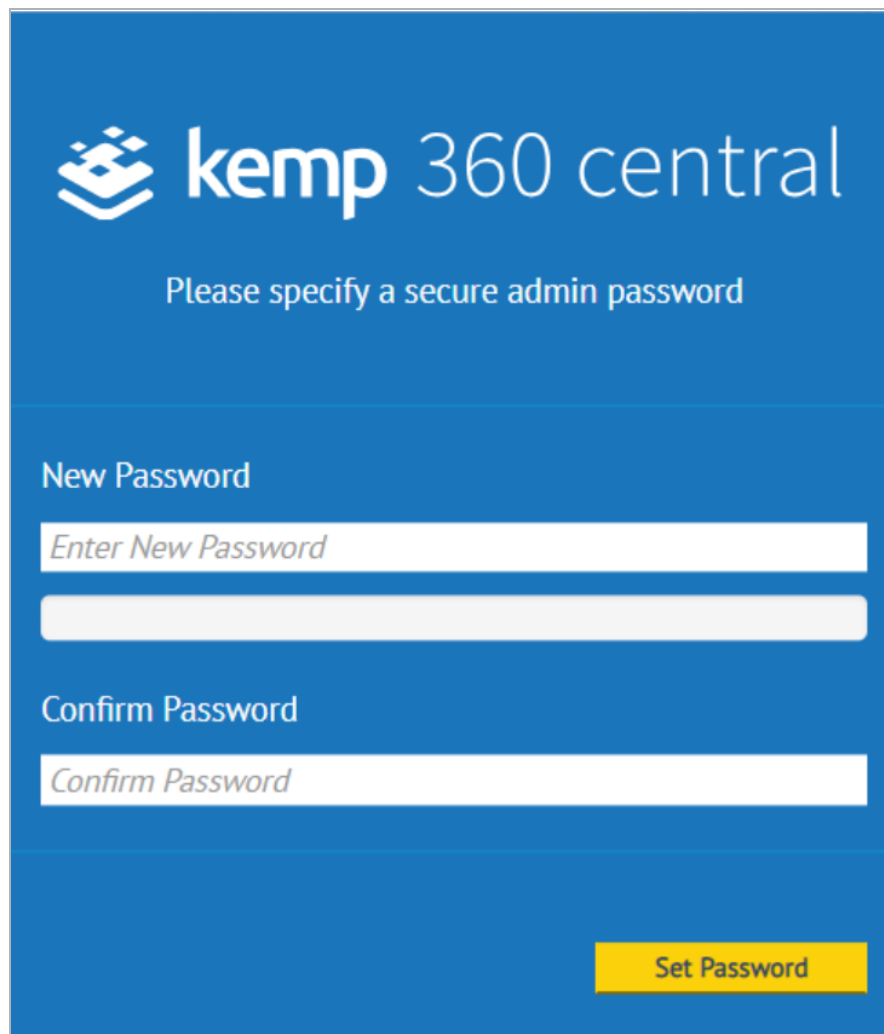
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For detailed instructions on how to register for a Kemp ID and license Kemp 360 Central, refer to the **Kemp 360 Central, Feature Description** on the [Kemp Documentation Page](#).


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7. Set the desired administration password and click **Set Password**.





The image shows the Kemp 360 Central password setup interface. It has a blue background. At the top, the Kemp logo and '360 central' are displayed in white. Below this, the text 'Please specify a secure admin password' is centered. The form consists of two main sections: 'New Password' and 'Confirm Password'. Each section has a white input field with placeholder text. The 'New Password' section has two input fields, one for the password and one for a confirmation. The 'Confirm Password' section has one input field. A yellow 'Set Password' button is located at the bottom right of the form.

 **kemp** 360 central

Please specify a secure admin password

New Password

*Enter New Password*

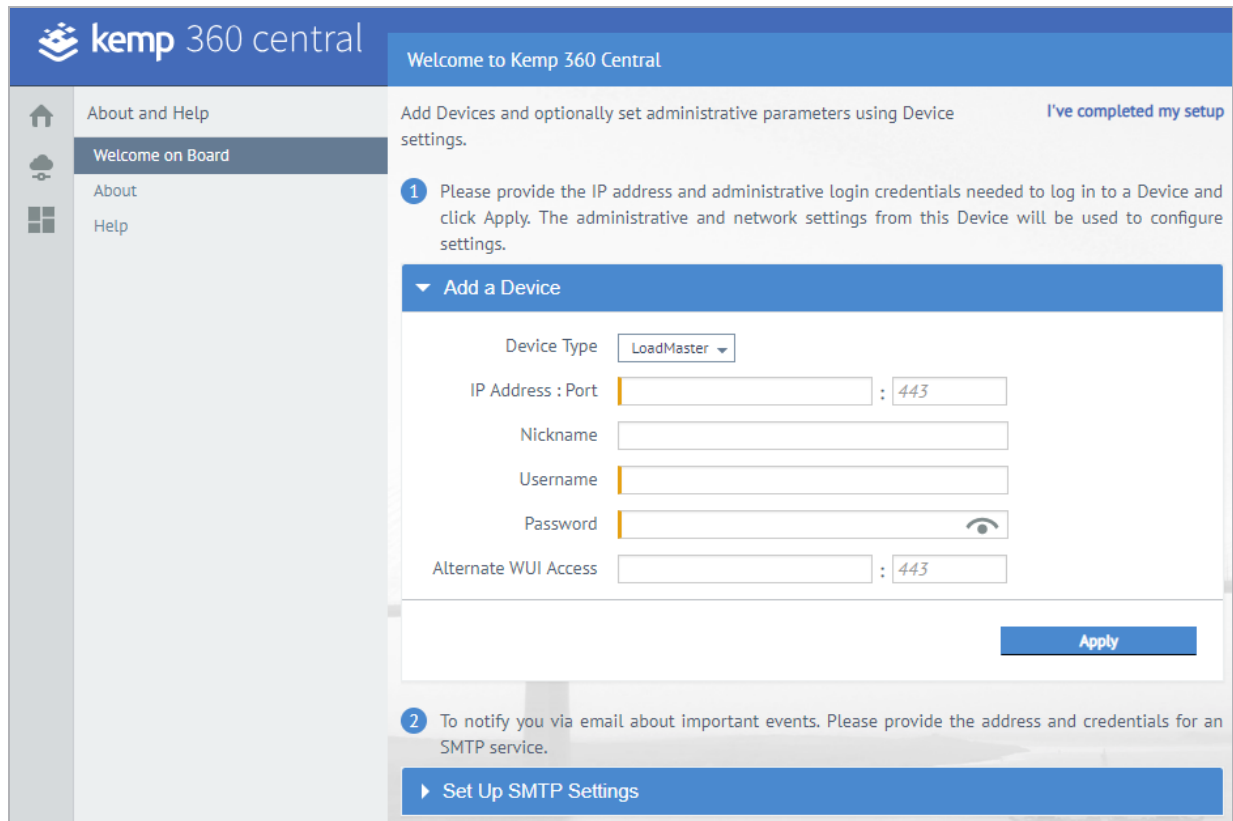
*Enter New Password*

Confirm Password

*Confirm Password*

**Set Password**

8. You should now connect to the **Welcome** page of Kemp 360 Central.



**kemp 360 central**

Welcome to Kemp 360 Central

Add Devices and optionally set administrative parameters using Device settings. [I've completed my setup](#)

1 Please provide the IP address and administrative login credentials needed to log in to a Device and click Apply. The administrative and network settings from this Device will be used to configure settings.

▼ Add a Device

Device Type

IP Address : Port

Nickname

Username

Password

Alternate WUI Access

[Apply](#)

2 To notify you via email about important events. Please provide the address and credentials for an SMTP service.

[▶ Set Up SMTP Settings](#)

## 2.6 Last Updated Date

This document was last updated on 19 February 2019.