

Migration Guide from version
5.50 to 5.60
Panda Gatedefender



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1. Introduction

This document lists the requirements and shows the steps to successfully upgrade your Gatedefender UTM Appliance from the 5.50 to the 5.60 version. Since 5.60 version is based on a new kernel, to complete the upgrade it is mandatory to reinstall the operating system.

All images generated for 5.60 version are 64 bits, except for Integra models that are 32 bits.

2. Requirements

To be able to upgrade to 5.60, it is mandatory to have:

1. A full up-to-date Gatedefender appliance 5.50, with all packages updated to their latest version
2. A valid maintenance
3. A valid Panda Perimetral Management Console account

System Requirements for Virtual and Software UTM Appliances

The minimum requirements to upgrade to the 5.60 version are the following:

1. **CPU** Intel x86_64 compatible / 1GHz Minimum (Dual-core 2 GHz Recommended).
2. **Multi-Processor** Symmetric Multi-Processor (SMP) support included.
3. **RAM** 2GB minimum (4 GB recommended).
4. **Hard Disk** 8GB Minimum (20 GB Recommended) Support for full virtualization and paravirtualization.
5. **CD-ROM/USB** Physical and virtual drives as supported by the hypervisor.
6. **Network Cards** 2 Virtual NICs Minimum / Support for full virtualization and paravirtualization.
7. **Supported Hypervisors:** Xen, Vmware, KVM, and Hyper-V.

3. Upgrade procedure

The whole upgrade procedure is divided into two parts: Preparation step and the Installation step.

Preparation

The initial steps of the procedure are much like in previous upgrades:

1. Make a full update of the appliance, using the GUI (System > Updates)
2. Restart the machine using the GUI (System > Shutdown > Reboot button)
3. Go to Panda Perimetral Management Console and upgrade your system to 5.60 using the button that will be displayed next to your appliance's data. The system will reboot during the update process.
4. Make a backup of the appliance, full or partial, depending on what you need to restore on the new appliance.

Please note that in the exceptional cases where the configuration is going to be imported in a different hardware, the option "Include hardware data" must be unselected when setting up the backup options in System > Backup > Backup sets

5. (optional) If you have a virtual appliance, make a snapshot of the current state of the VM, to be restored if you experience problems during or after the installation.
6. Download from the [Downloads area](#) on Panda Perimetral Management Console the installation image corresponding to your model.
7. Burn the image on an USB stick. Click [here](#) for more information on how to burn an image in a USB stick.

Installation

Once you downloaded the installation image, these are the steps to be followed:

1. Start the installation process normally.
2. Follow the instructions that appear on the screen.

Registration to Perimetral Management Console

After successful installation, the appliance will reboot. At this point you should:

1. Import the backup to your appliance. The system will be automatically registered and will show the new version in the GUI.
2. Update the appliance with the latest available packages.

At this point you have a full up to date appliance equipped with latest 5.60 version.