

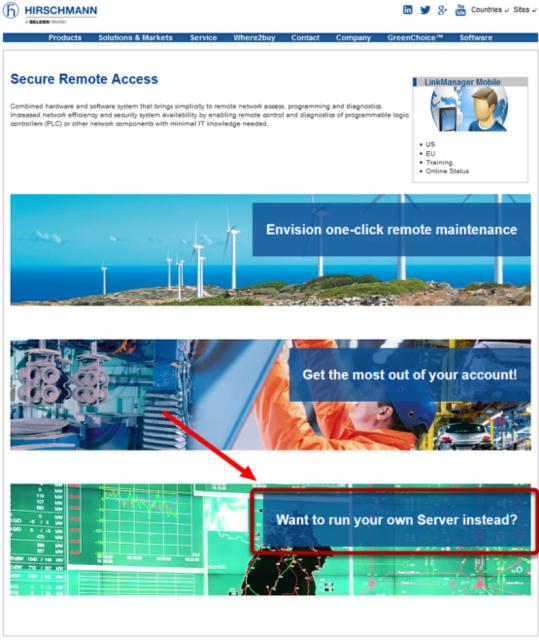
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## How to setup a virtual machine for a selfhosted GateManager in Virtual Box

- 2018-02-21 - SecureRemoteAccess

This lesson explains how to setup a virtual machine for the GateManager in Virtual Box

Download VM Template for Gatemanager



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Navigate to the URL \*<u>https://www.sra.hirschmann.com/\*</u> Click on the text "**Want to run your own Server instead**"

Download Administrator Package

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Download the Administrator Package

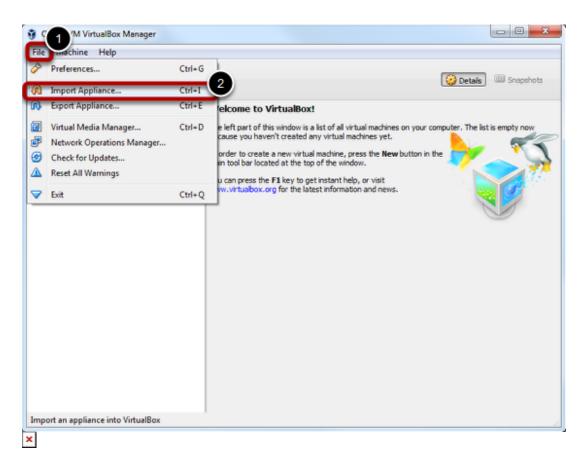
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Extract ZIP File
```

- Name	Date modified	Type	Size
GateManager.ova	16.03.2016 22:58	Open Virtualizatio	14.165 K

The administrator package contains several files.

The ova template is in the zip file Hirschmann-GateManager9250-ova-6.2.16095.zip Extract the .ova file to a temporary folder

Create new VM



- 1. Select menu item "File"
- 2. Click on "Import Appliance..."

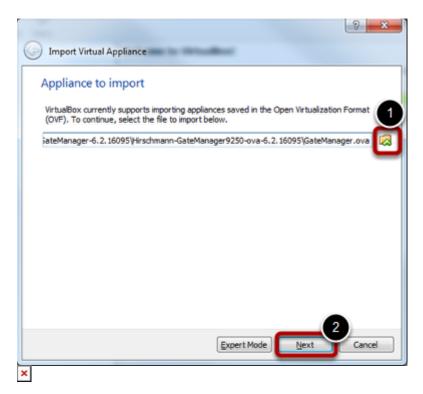
Install Virtual Box

🐧 Oracle VM VirtualBox Manager			_ O X
File Machine Help			
🧼 🁙 🔶 🍦 🗸		🔐 Details	Snapshots
New Se 😳 GateManager - Setting	gs		? ×
General General System Display Storage Audio Audio Network Serial Ports	USB Enable USB Controller USB 1.1 (OHCI) Controller USB 2.0 (EHCI) Controller USB 3.0 (xHCI) Controller USB Device Filters		
USB			R
Shared Folders			æ
User Interface			
	Invalid settings detected 🛛 🖄	ОК	Cancel
	Adapter 1: Intel PRO/1000 MT Server (Bridge AC 7260)	ed Adapter, Intel(R) Du	al Band Wireless-
	STATISTICS USB		
	Disabled		
	Shared folders		
1	None		
	Description		
	GateManager Server		
×			d

If not already installed, install VB now. Make sure that you have the extension pack installed. Enable USB support

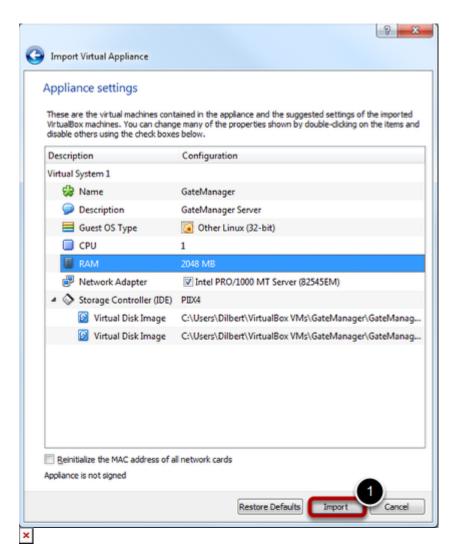
- 1. Click on USB
- 2. Enable USB 3.0 support

Select Appliance to Import



- 1. Browse and select the file "GateManager.ova"
- 2. Click button "Next"

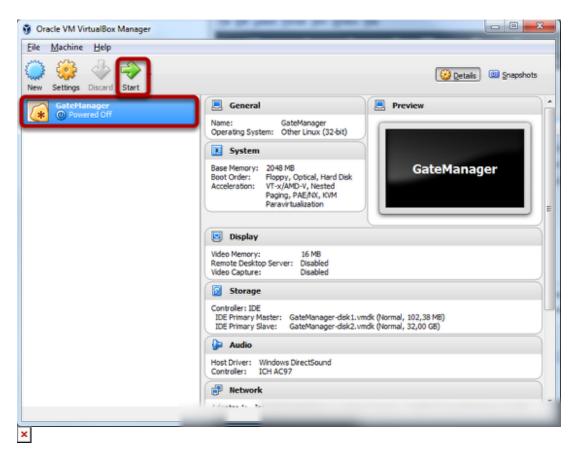
Create GateManager VM: OVF Details



The appliance settings summary shows up

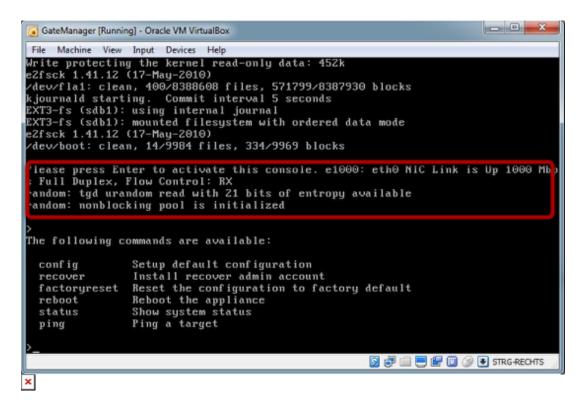
1. No changes needed, click button "Import"

Start and Initialize VM



Select VM GateManager and click start

Activate Console

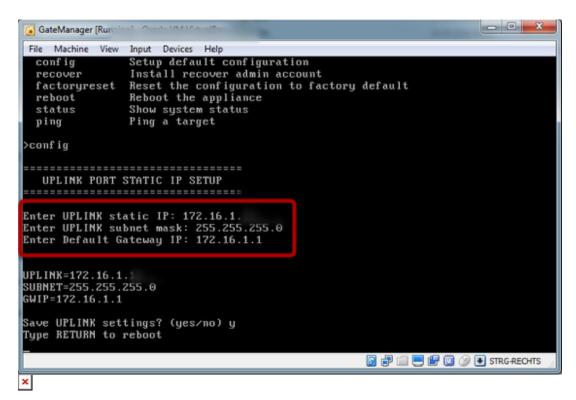


Press the return key to activate the console.

Note: Typos can't be corrected! The console uses english layout and numlock is disabled per default.

To release the cursor press the right control key.

**Configure IP Settings** 



Type "config" to enter the IP parameters Confirm settings with "y" Reboot the VM

(Optional) Preparation: Firewall Settings

	22	Gatemanager RDP	1	any	any	172 15.17.151/32	= 3389	top	accept	disable
		Gatemanager JVNC	<b>V</b>						accept	disable
		Gatemanager VNC	√						accept	disable
		Default Uplink	√							disable
	26	GoToApplance	<b>V</b>	any	any	17.151/32	55000 >< 59999	top	accept	disable
×										

Configure the firewall to allow the following ports:

3389: Remotedesktop

5800: JVNC

5900: VNC

11444: Default Uplink (to License Portal)

55000 to 59999: Ports for appliances (e.g. Gecko, Windows Client)