

Installation of InfiMONITOR



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System requirements

InfiMONITOR can be installed both on the hardware and virtual platform (*VMware ESXi*, *Microsoft Hyper-V*, *Citrix XenServer* are supported) from ISO image.



NOTE

"PCnet-FAST III (Am79C970)", "PCNet PCI II (Am79C970A)" cards are not supported in *VMware*.



NOTE

InfiMONITOR offers web-server functionality, it does not require an underlying Operating System (Windows, Linux, etc.) as prerequisite.

Below are the recommended system requirements for the platform depending on the devices number to monitor by the **InfiMONITOR**:

Devices	Up to 200	Up to 2 000	Up to 10 000
CPU	Intel Core i3 3 GHz, 2 cores level	Intel Core i7 3 GHz, 8 cores level	Intel Xeon 2.0 GHz, 16 cores level
RAM	from 4 Gb	from 16 Gb	from 32 Gb
HDD	from 200 Gb	from 1 TB	from 10 TB
Additional			Hardware controller in RAID 10 level

Table - The platform system requirements

When an operator opens an InfiMONITOR web page in his web browser at client computer, the web page requires some place in RAM to operate smoothly. This is the reason for hardware requirements for client computer, regardless of an operating system installed on client computer.



CAUTION

Mandatory requirement to CPU it must be x64 architecture.

In order to install InfiMONITOR on the virtual platform server's CPU must support hardware virtualization enabled in the BIOS.

Installation preparation

The following will be required for the **InfiMONITOR** deployment:

- Platform for the deployment: the dedicated server or virtual machine conforming to the system requirements
- The ISO image with the latest **InfiMONITOR** software version from the official InfiNet Wireless FTP server - <https://ftp.infinet.ru/pub/INMS/>. For the installation to the dedicated server it is required to record the image to a CD or USB flash-drive.

Installation

Step 1 - Download

- In case the **InfiMONITOR** installs to the virtual machine: connect the ISO image with the installation program to it, in the virtual machine BIOS specify to boot from CD-ROM
- In case the **InfiMONITOR** installs to the dedicated server: insert the compact disk or USB flash-drive with the previously recorded installation program. In the BIOS specify to boot from install device.

Step 2 - The installation program launch

Start the server or virtual machine. In BIOS specify to boot from: CD-ROM or USB flash-drive.

After boot loader start the following menu will appear on the screen, select "Install InfiMONITOR"

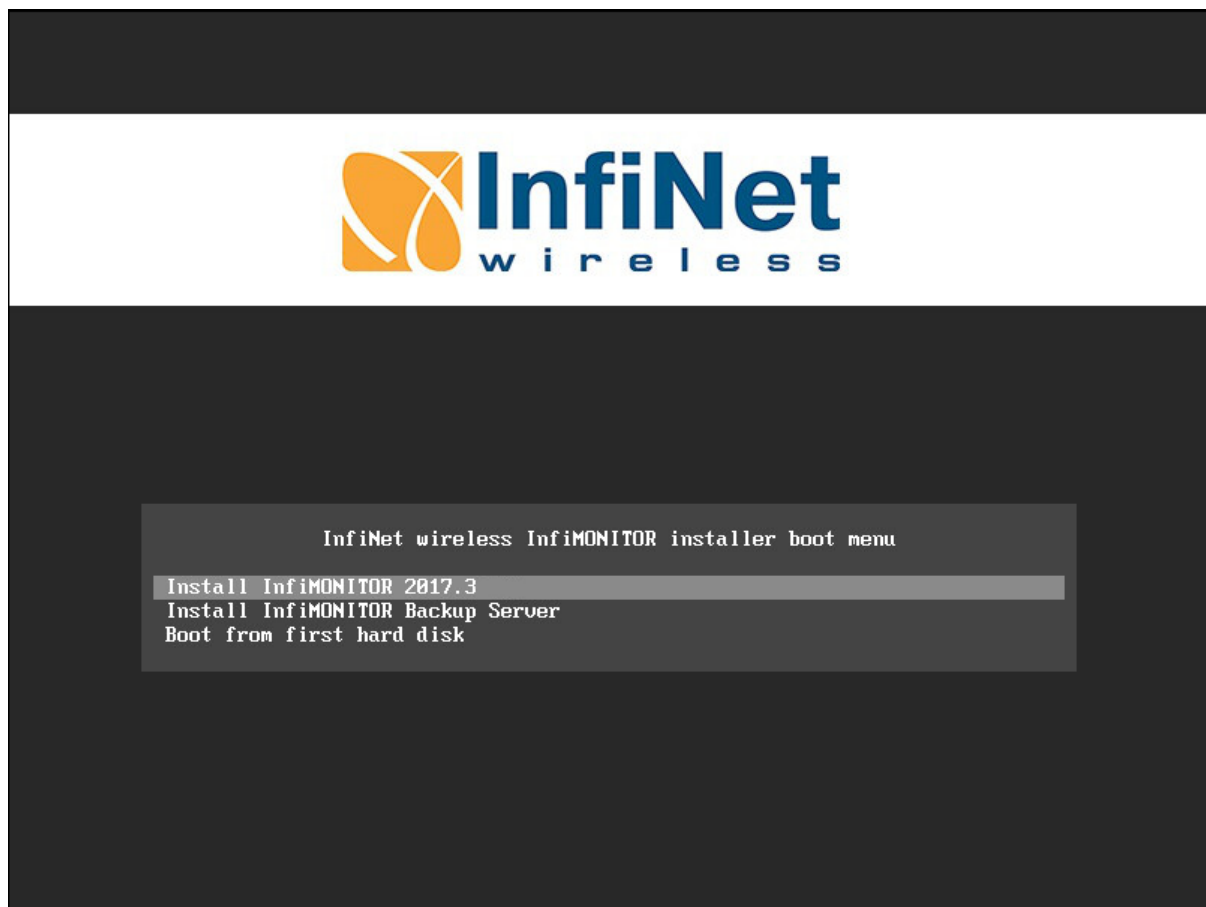


Figure - Step 2: Installation program launch

Step 3 - The installation program

After several seconds the **InfiMONITOR** installation starts, thus the corresponding prompt message will appear.

Click the "**OK**" button.

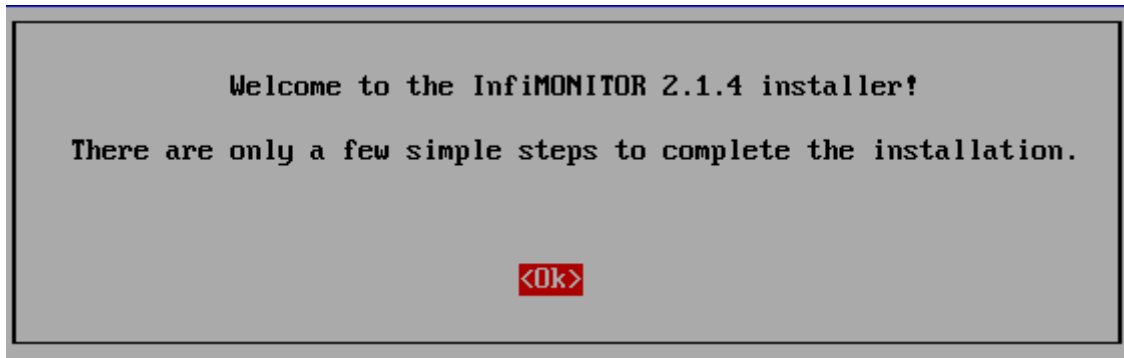


Figure - Step 3: Installation program

Select timezone from the available list and click "Ok"

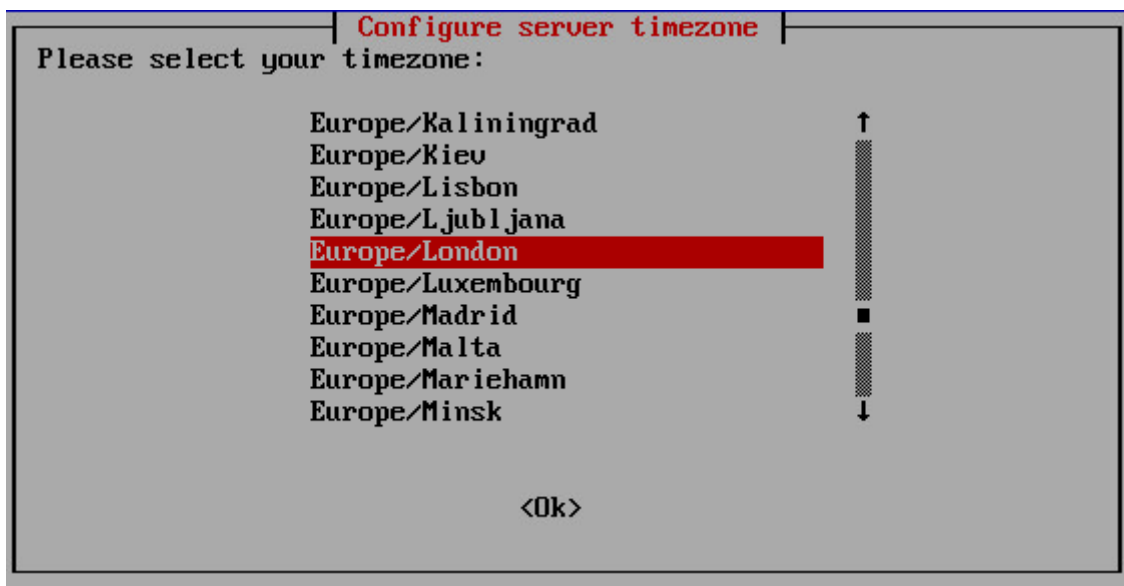


Figure - Step 3: timezone selection

Specify a NTP server and click "Ok".



Figure - Step 3: NTP server selection

Select hard disk and click "Ok".

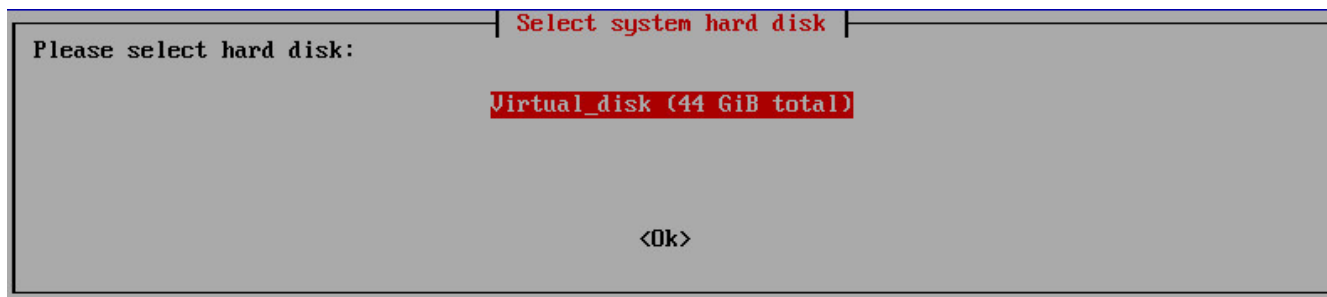


Figure - Step 3: hard disk selection

At this stage the installation program will find out all supported network adapters and prompts to select the one to use for **InfimONITOR**.

Select the desired adapter and click the "Enter" button.

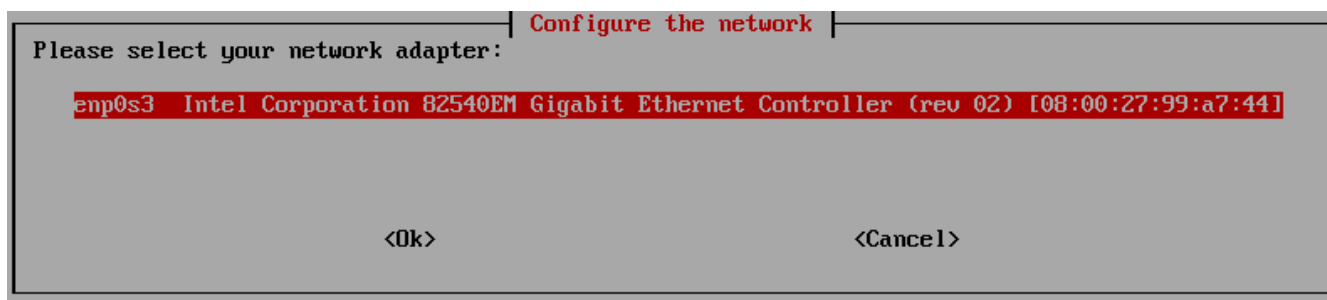


Figure - Step 3: The network adapter selection

After the network adapter selection the network IP address for **InfimONITOR** should be set. Specify the IP-address selected for the the monitoring system and click the "Enter" button.

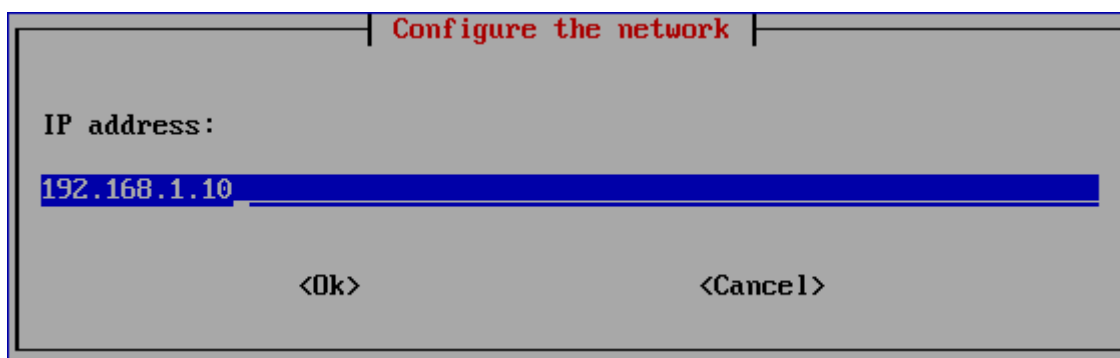


Figure - Step 3: The network credentials: IP-address

Set the network mask, click the "Enter" button

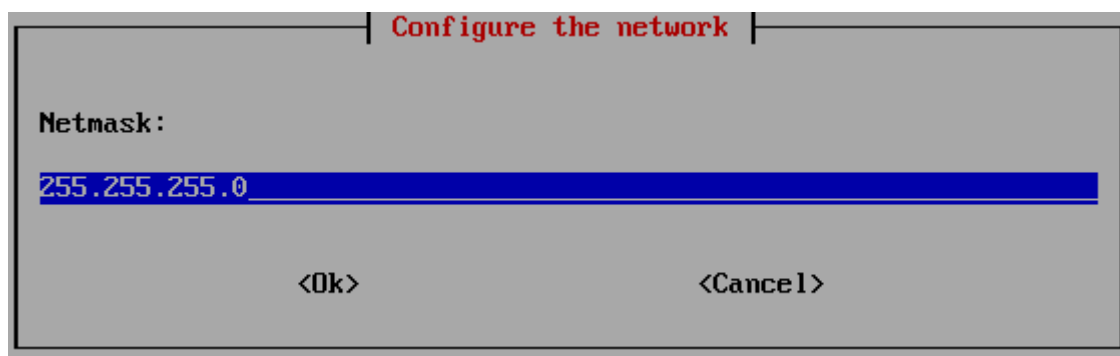


Figure - Step 3: The network credentials: Netmask

Set default gateway IP-address, click the "Enter" button

The screenshot shows a window titled "Configure the network" in red text. Inside, the label "Default gateway:" is followed by a text input field containing "192.168.1.1". Below the field are two buttons: "<Ok>" and "<Cancel>".

Figure - Step 3: The network credentials: Default gateway

Set the DNS server IP-address, click the "Enter" button

The screenshot shows a window titled "Configure the network" in red text. Inside, the label "Name server address:" is followed by a text input field containing "192.168.1.1". Below the field are two buttons: "<Ok>" and "<Cancel>".

Figure - Step 3: The network credentials: DNS server address

Now, after finish with the network configuration, the installation program will notify about the installation readiness of **InfimONITOR**.



CAUTION

The installation program will delete all the data on server or virtual machine hard disk. Please, make sure that the disk has no useful information, after the installation start, its recovery will be impossible.

The screenshot shows a gray window with the text "We are ready to install InfimONITOR 2.1.4." and "All data on the hard drive will be LOST." in a monospaced font. At the bottom, there are two buttons: "<Continue>" (highlighted in red) and "<Reboot>".

Figure - Step 3: Installation startup

If you want to proceed with **InfimONITOR** installation, click the "Continue" button.

The installation procedure can take several minutes. After successful install the installation program will notify that **InfimONITOR** has been installed and ready to start. Click the "Reboot" button.



Figure - Step 3: Installation completion

Step 4 - The InfimONITOR first start

After installation has been finished, the system will reboot. Make sure the server or the virtual machine has [BIOS](#) boot settings set to hard disk now.

The startup may take about 1-2 minutes, after which you will be prompted to enter the [service mode](#).

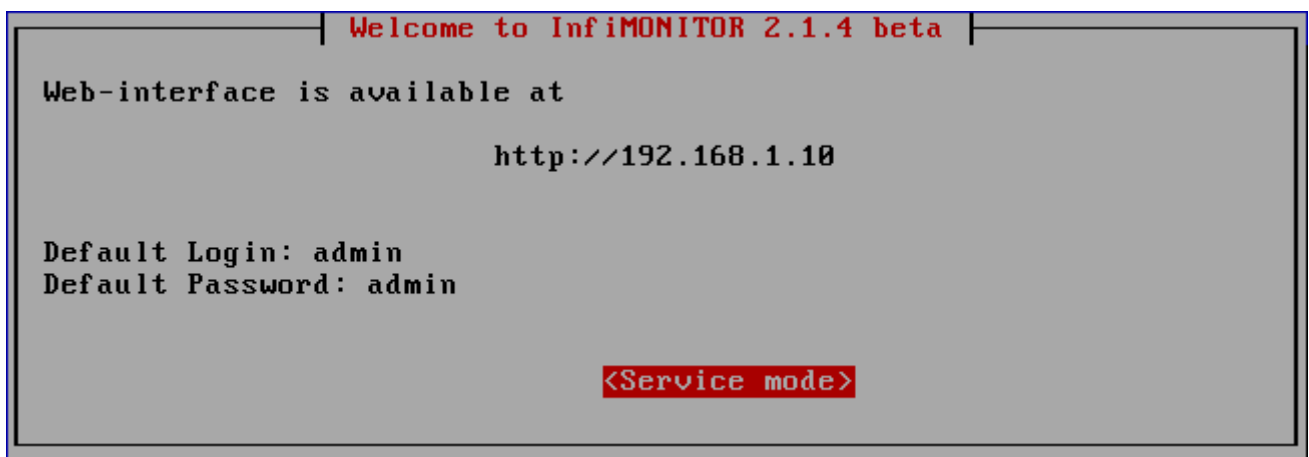


Figure - Step 4: Initial startup



NOTE

The **InfimONITOR** first start - is an important stage for various procedures which could not be performed at the installation stage. Therefore, right after the prompt appearance access to the monitoring system can be impeded for about 1-2 minutes.