

VMware vSphere 4.1 虚拟化学习手册 2 : VMware vSphere 4.1 的安装

VMware vSphere 4.1 是一款非常强大的虚拟化服务器程序，和 VMware Workstation 相比不需要宿主机，直接在服务器上安装当然考虑到虚拟化的特性安装的硬件环境也有一定的要求。

CPU 必须支持 64 操作系统，一台虚拟机服务器上会安装多个虚拟机，每台虚拟机都要分配一定的内存，目前 32 位系统最大支持 4G 的内存，因此支持 32 位系统的意义也就不大了。CPU 还需要支持 Intel 的 VT 技术或者 AMD 的虚拟化技术，如果不支持还是可以安装 VMware vSphere 的，但是客户机就只能安装 32 位的系统，并且一些 VMware vSphere 的高级功能会有些不支持。参考：[\[安装](#)

[VMware vSphere 的 CPU 要求 \(转 \)](#)]

内存最少 2G 以上，因为 VMware vSphere 的系统启动之后就会占用 1G 的内存，剩下的内存才可以分配给虚拟机。

VMware vSphere 的安装非常简单，和安装普通的 Linux 服务器基本一样（VMware vSphere 采用的就是 Linux 内核），下面记录一下安装过程。

插入光盘，从光盘启动，出现下面的安装界面，选择默认的图像安装界面

vmware

ESX 4.1

vSphere for the Enterprise

```
Install ESX in graphical mode
Install ESX in text mode
29 s ESX Scripted Install using USB ks.cfg
ESX Scripted Install to first disk
ESX Scripted Install to first disk (overwrite VMFS)
Boot from first hard disk
```

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出现安装的欢迎界面，开始安装



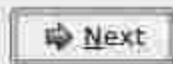
Welcome to the ESX Installer

This wizard will guide you through the installation of ESX.

VMware ESX installs on most systems, but only systems on VMware's Hardware Compatibility Guide (HCG) are supported. Please consult VMware's HCG on vmware.com.

To continue, click Next.

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确认用户协议

ESX 4.1



End User License Agreement

To continue with the installation, please read and accept the end user license agreement.

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选择键盘布局

ESX 4.1



Select Keyboard

Select the type of keyboard for this system

Keyboard

- Portuguese
- Romanian
- Russian
- Russian (Microsoft)
- Russian (cp1251)
- Slovenian
- Spanish
- Swedish
- Swiss French (latin1)
- Swiss German (latin1)
- Turkish
- U.S. English**
- U.S. International
- Ukrainian
- United Kingdom

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可以选择通过光盘加载第三方驱动程序，我这里是在虚拟机上安装的不需要安装额外的驱动。

ESX 4.1



Custom Drivers

Select custom drivers to install for ESX

Do you want to install custom drivers?

No

Yes

Select custom drivers to install for ESX

Group	Version	Description
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确认只加载系统盘所带的驱动



完成驱动的加载

ESX 4.1



Loading Drivers

The installation wizard will resume after all necessary drivers are loaded

Status: 100% Complete

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ESXCH

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输入 VMware vSphere 的序列号，如果没有可以以后再填写，VMware vSphere 使用时间比较厚道，可以使用 60 天，做测试足够了。

ESX 4.1



License

Enter license serial number

Enter a serial number now:

Serial Number:

Enter a serial number later

Choose this option to evaluate this product or to configure the serial number later using vCenter Ser

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选择系统网卡

ESX 4.1



Network Configuration

Select an adapter for ESX

Select an adapter for ESX to use for system tasks.

Network Adapter:

PRO/1000 MT Single Po... (MAC: 00:0c:29:74:77:bd)  - Connected

This adapter requires a VLAN ID (Leave unchecked if you are not sure)

VLAN Settings:

VLAN ID:

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