## Redhat AS4

# 安装手册

(2009-04)



### 概述

本文介绍 Redhat Enterprise Linux AS4 的安装。

### 安装操作系统

首先将 linux 光盘放入光驱。然后按回车键开始安装。



### Red Hat Enterprise Linux

- To install or upgrade in graphical mode, press the <ENTER> key.

- To install or upgrade in text mode, type: linux text <ENTER>.

- Use the function keys listed below for more information.

[F1-Main] [F2-Options] [F3-General] [F4-Kernel] [F5-Rescue] boot: \_

选择右侧的 skip 按钮, 跳过对光盘介质的扫描检测。





进入图形安装界面。



选择安装过程中的语言为英语,跟根你自己的不同选取语言,默认为英语,我这里一般 是文本管理,所以选取英语。



选择键盘类型为美国英语。

Keyboard	Select the appropriate keyboard for the system.	
Configuration	Russian (Microsoft)	
	Russian (ru1)	
Choose the layout type for the	Russian (ru2)	
eyboard (for example, U.S.	Russian (win)	
inglish) that you would like to	Slovakian	
ise for the system.	Slovenian	
	Spanish	
	Swedish	
	Swiss French	
	Swiss French (latin1)	
	Swiss German	
	Swiss German (latin1)	
	Tamil (Inscript)	
	Tamil (Typewriter)	
	Turkish	
	Ukrainian	
	United Kingdom	
	U.S. English	
	U.S. International	

分区方式有两种:自动分区和手动分区。使用自动分区的话,那么所有的分区都会放在 根目录上。若使用手动分区,则要创建独立的 usr 、var 等分区。如果您是进行软件测试, 可以简单的选择自动分区。如果您是正式部署,请参考本文的附录部分《手动分区方案》。





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Automatic pa Partition Automatic pa you to have s concerning w removed (if a system. To remove or (partitions cre previous Linu select <b>Remo</b>	tic ting rtitioning allows ome control that data is ny) from your hly Linux partitions eated from a ux installation), ve all Linux	<ul> <li>Before automatic partitioning can be set up by the installation program, you must choose how to use the space on your hard drives.</li> <li>I want to have automatic partitioning:         <ul> <li>Remove all Linux partitions on this system</li> <li>Remove all partitions on this system</li> <li>Keep all partitions and use existing free space</li> </ul> </li> <li>Select the drive(s) to use for this installation:</li> </ul>
To remove all your hard driv partitions cree operating sys Windows 95/ select <b>Remo</b> on this syste Childe Help	I partitions on ve(s) (this includes ated by other items such as 98/NT/2000), ve all partitions em.	Regiew (and modify if needed) the partitions created      Back     Next



**Z**master



使用自动分区方式的话,系统将自动给出方案。这里不用修改,直接点击下一步继续即

可。

Disk Setup Choose where you would like Red Hat Enterprise Linux AS to be installed. If you do not know how to		Drive /dev/s sda2 33683 MB	da (33785 MB)	(Model: VNware, 1	/Mware Vir	tual S)			
partition your system or if you need help with using the		New	Edit	Delete	Reset	R	UD	LV	м
manual partitioning tools, refer to the product documentation.		D	evice	Mount Point/ RAID/Volume	Туре	Format	Size (MB)	Start	End
f you used automatic partitioning, you can either accept the current partition settings (click <b>Next</b> ), or modify the setup using the manual partitioning tool. If you are manually partitioning your system, you can see your		<ul> <li>► LVM Volution</li> <li>▼ VolGrow</li> <li>Log<sup>0</sup></li> <li>► Hand Drive</li> <li>▼ /dev/sd</li> <li>/dev</li> <li>/dev</li> </ul>	ne Groups up00 /ol00 /ol01 is a /sda1 /sda2	/ /boot VolGroup00	ext3 swap ext3 LVM PV	** **	33632 33120 512 102 33683	1 14	13
urrent hard drive(s) and		•		11	4000				

设置启动菜单名称,直接点击下一步即可。

畅通网络 因为有我





设置网络连接。点击"Edit"按钮。输入 IP 地址和子网掩码。

	Network Device	s				
Network	Active on B	oct Des	ice IP/	letmask		Edit
Configuration	5	eth	3 192	168.0.12	1/255.255.25	15.0
Any network devices you have on the system are		eth.	L DH	CP		
automatically detected by the installation program and shown		Edit Ir	terface (	ethQ		
in the Network Devices list.		3				
To configure the network	Configure eth	0				2 2 2
device, first select the device	Configure (	using <u>D</u> H	ICP			lomain.com")
and then click Edit. In the Edit	Activate or	boot i				
nterface screen, you can	IP Address:	192	168	0	123	
hoose to have the IP and	Netmask	255	255	255	0	
Netmask Information configured by DHCP or you	to a fill many.		Here	Neve		
an enter it manually. You can ulso choose to make the			<b>¥</b> <u>C</u> a	incel	<i>₫</i> <u>о</u> к	Ĩ
device active at boot time.	-			7.42		
ff you do not have DHCP client						
access or are unsure as to						

配置主机头,例如 eim. 54master.com。主机头的设置最好选择您自己使用的域名,然 后加上适当前缀。

**Z**master

Network	Network Devices						
Conformetion	Active on Bo	ot Devi	e IP/N	etmask			Edit
Configuration	5	eth0	192	168.0.12	3/255.255.2	55.0	
Any network devices you have		eth1	DHO	P			
automatically detected by the	Hostname						
nstallation program and shown	Set the hostname	e-					
n the Network Devices list.	O automatica	lly van D	HCP				
To configure the network					-		
levice, first select the device	(e) manually	eim. S	Annaster	com	(ex, he	ost.domain	com")
nd then click Edit. In the Edit	Miscellaneous Se	tines					
hoose to have the IP and	_	and a		lla	1.		
Vetmask information	Gateway:	192	168	0	1		
configured by DHCP or you	Primary DNS:	192	168	.0	1		
an enter it manually. You can	Secondary DNS:	202	103	. 96	112		
also choose to make the	Tertiary DNS:	202	103	. 96	68		
sevice active at book unie.							
f you do not have DHCP client							
access or are unsure as to							

选择"Enable firewall",即启用防火墙。选中 SSH,打开 TCP 协议 22,80 等端口。

其他端口不用打开。注意:从 FC3/AS4 以后的 Linux 发行版,新增了 SELinux 的功能,请把 这个选项设置为 Disable, 否则会影响各种服务的正常运行。

Firewall	A firewall can help outside world. Wo	prevent unauthorized uld you like to enable	d access to your computer from t e a firewall?	he
Configuration	O No firewa	ป		
Configuration	Enable fit	rewall		
A firewall sits between your computer and the network, and determines which resources on	You can use a fire computer from oth wish to allow acce	wall to allow access er computers. Which ess to ?	to specific services on your h services, if any, do you	
your computer remote users on	🖾 Remote L	ogin (SSH)		
he network are able to access.	- Web Serv	er (HTTP, HTTPS)		
A properly configured firewall	File Trans	fer (FTP)		
can greatly increase the out-of- the-box security of your system.	🗌 Mail Serv	er (SMTP)		
Choose the appropriate security level for your system.	Security Enhanced	Linux (SELinux) pro	wides finer-grained security	
No Firewall — No firewall provides complete access to	set up in a disabled which would be de	d state, a state which nied, or a fully active	h only warns about things t state.	
your system and does no security checking. Security	Enable SELinux?:	Disabled		
checking is the disabling of		Wam		
access to certain services. This		Action		

选择安装好之后的操作系统语言是英语,(英语兼容性更好亦可显示中文),但你要选上中文的编码的语言包。

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选择时区为"Asia/Shanghai"。



输入 root 密码。





选择安装软件列表。请选择默认安装软件包。



点击下一步开始安装。





系统提示,安装需要那些光盘。

·		<b>red</b> hat
Installing Packages We have gathered all the information needed to install Red Hat Enterprise Linux AS on the	Welco	me
install everything, dependent how many packages n installed.	Change CDROM	continue.

安装程序提示更换光盘,并且会自动弹出当前光盘。

安装进行中。





安装完成,光盘会被自动弹出,点击 Reboot 重新启动服务器。

	redhat.
	Congratulations, the installation is complete. Remove any installation media (diskettes or CD-ROMs) used during the installation process and press the "Reboot" button to reboot your system.
Show Help	gack Reboog

重新启动中。



Running anaconda, the Red Hat Enterprise Linux system installer - please wait... Probing for video card: UMMare Probing for monitor type: Unknown monitor Probing for mouse type: Generic - 3 Button Mouse (PS/2) Attempting to start native X server Waiting for X server to start...log located in /tmp/X.log 1...2...3...4...5.... X server started successfully. Starting graphical installation... sending termination signals...done sending kill signals...done disabling KIII signals...done disabling swap... /dev/mapper/UolGroup80-LogUol81 unmounting filesystems... /mnt/runtime done disabling /dev/loop8 /proc done /dev/pts done /sys done /tmp/ramfs done /selinux done /mnt/sysimage/boot done /mnt/sysimage/proc done /mnt/sysimage/sys done /mnt/sysimage/selinux done /mnt/sysimage/dev done /mnt/sysimage done rebooting system Restarting system.

重新启动完成。



#### 附录: Linux 系统手动分区方案

以下分区方案对 36GB SCSI 磁盘至 160GB IDE 硬盘皆适用。

分区类型 加载点 推荐大小 功能 备注

主分区 /boot 128 MB 启动分区 总共占用约 12GB

主分区 / 剩余空间 主分区,又称根分区 主分区 swap 两倍内存 虚拟缓存

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