系统安装手册

硬件要求

服务器要求

服务器 CPU 必须是支持 64 位构架,核心数量不少于 4、内存不小于 4G(建议 8G 或者更 多)、磁盘空间不小于 32GB(被管理的设备数量超过 300 建议多块硬盘组成 Raid 以提高磁盘 IO 性能)。

如果使用虚拟机安装请注意需要将物理主机 BIOS 中 CPU 选项的 VT(Virtualization Technology)打开,并且如果是先安装的虚拟化软件建议将机器关机后再打开,不要只是重启。

客户端要求

客户端(用户的机器、不是指服务器的显示器)最小分辨率为 1280X720(如果横向低于 1280 显示效果不佳,并推荐使用高分辨率终端, 1080p 最佳)。建议使用 IE8、IE9、Firefox、 Chrome、Safari 等主流浏览器。不建议使用低于 8 的 IE 版本、不建议使用 360、sogo 等非标准内核的浏览器。

安装配置

- 一. VMware vSphere 环境下安装配置
 - a) 新建虚拟机
 - b) 选择自定义

2 创建新的虚拟机 配置 为虚拟机选择配置		23
解품 名称和位置 资源諸器 虚拟机版本 客戸机操作系統 CPU 内存 网络 SCSI 控制器 达择総盘 即将完成	■ 開設業用的设备和配置选项创建新的虚拟机。 ● 自定义 使用其他设备或特定的配置选项创建虚拟机。	
帮助田	≤上一步 下一步≥ 取	肖

c) 输入虚拟机名称

创建新的虚拟机 名称和位置 指定此虚拟机的名称	称和位置	
配置 名称和位置 资源池 存储器 虚拟机版本 客户机操作系统 CPU 内存 网络 SCSI 控制器 选择磁盘 即将完成	名称: MMS7test 虚拟机 (VM) 名称最多可包含 80 个字符,并且名称在每个 vCenter Server g 唯一的。 清单位置: □ ■ Chit ○ □ 之发现虚拟机	

d) 选择资源池

创建新的虚拟机 资源池 您要在哪个资源池内	
配置 <u>名称和位置</u> 资 源池 存储器 点切机版本	—————————————————————————————————————
Alliyonuk4 客戸机操作系統 CPU 内存 网络 SCSI 控制器 选择制器 选择完成	Ienovo-cluster BYR_DEV Cache_DEV CMS_DEV GW_DEV MMS_DEV NTP_DEV
表明h(H-f)	< 1

e) 选择存储

名称 data-11 data-12 data-13	with with with with with with with with	容量 131.00 GB		可用空间	类型	Thin I
data-11 data-12 data-13	非 SSD 非 SSD	131.00 GB	19.20 GB		大王	1
data-12 data-13	JE SSD	131.00 00	13.20 00	114 US GB	V/MES5	四古:
data-13		131.00 GB	971.00 MB	130.05 GB	VMES5	
	JE SSD	131.00 GB	971.00 MB	130.05 GB	VMES5	のかい
data-14	⊒E SSD	131.00 GB	971.00 MB	130.05 GB	VMFS5	
data-15	非 SSD	131.00 GB	971.00 MB	130.05 GB	VMFS5	受女:
data-16	⊒E SSD	131.00 GB	971.00 MB	130.05 GB	VMFS5	母母:
emc-fc-01	事 SSD	2.00 TB	1.11 TB	978.19 GB	VMFS5	受支
emc-fr-07		2 32 TB	423.61 GR	1 91 TR	VMES5	弱井 :
•	m					,
一	119 013	容量 已	置备	可用空间	类型	Thin Pro
	 data-15 data-16 emc-fc-01 →mc-fc-02 ✓ 禁用此虚拟机的初选择数据存储: 名称 	 ✔ data-15 非 SSD ✔ data-16 非 SSD ✔ emc-fc-01 非 SSD ✔ emc-fc-02 # SSD ✔ emc-fc-02 # SSD ✔ emc-fc-02 # SSD ✔ emc-fc-02 # SSD ♥ emc-fc-01 # BSD ♥ emc-fc-01 # BSD ♥ emc-fc-01 # SSD ♥ emc-fc-01 # SSD<td>● data-15 非 SSD 131.00 GB ● data-16 非 SSD 131.00 GB ● emc-fc-01 非 SSD 2.00 TB ● emc-fc-01 # SSD 2.00 TB <!--</td--><td>● data-15 非 SSD 131.00 GB 971.00 MB ● data-16 非 SSD 131.00 GB 971.00 MB ● emc-fc-01 非 SSD 2.00 TB 1.11 TB ● emc-fc-01 非 SSD 2.32 TB 423.61 GB ● III III ○ III III ○ III III ○ III III</td><td>● data-15 非 SSD 131.00 GB 971.00 MB 130.05 GB ● data-16 非 SSD 131.00 GB 971.00 MB 130.05 GB ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB ● emc-fc-02 非 SSD 2.32 TB 423.61 GB 1.91 TB ● emc-fc-01 非 SSD 10 TB 1.91 TB ● emc-fc-02 非 SSD 10 TB 1.91 TB ● emc-fc-02 非 SSD 10 TB 1.91 TB ● emc-fc-03 非 SSD 10 TB 1.91 TB ● emc-fc-04 # SSD 10 TB 1.91 TB ● emc-fc-05 # SSD 131.00 GB 191 TB 191 TB ● emc-fc-01 # SSD 191 TB 191 TB 191 TB ● Emc-fc-02 # SSD 191 TB 191 TB 191 TB ● Emc-fc-03 # SSD 191 TB 191 TB 191 TB ● Emc-fc-04 III III 191 TB 191 TB ● Emc-fc-05 IIII III 191 TB 191 TB ● Emc-fc-05 IIIIII<!--</td--><td>● data-15 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● data-16 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● III III III III III III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td></td></td>	● data-15 非 SSD 131.00 GB ● data-16 非 SSD 131.00 GB ● emc-fc-01 非 SSD 2.00 TB ● emc-fc-01 # SSD 2.00 TB </td <td>● data-15 非 SSD 131.00 GB 971.00 MB ● data-16 非 SSD 131.00 GB 971.00 MB ● emc-fc-01 非 SSD 2.00 TB 1.11 TB ● emc-fc-01 非 SSD 2.32 TB 423.61 GB ● III III ○ III III ○ III III ○ III III</td> <td>● data-15 非 SSD 131.00 GB 971.00 MB 130.05 GB ● data-16 非 SSD 131.00 GB 971.00 MB 130.05 GB ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB ● emc-fc-02 非 SSD 2.32 TB 423.61 GB 1.91 TB ● emc-fc-01 非 SSD 10 TB 1.91 TB ● emc-fc-02 非 SSD 10 TB 1.91 TB ● emc-fc-02 非 SSD 10 TB 1.91 TB ● emc-fc-03 非 SSD 10 TB 1.91 TB ● emc-fc-04 # SSD 10 TB 1.91 TB ● emc-fc-05 # SSD 131.00 GB 191 TB 191 TB ● emc-fc-01 # SSD 191 TB 191 TB 191 TB ● Emc-fc-02 # SSD 191 TB 191 TB 191 TB ● Emc-fc-03 # SSD 191 TB 191 TB 191 TB ● Emc-fc-04 III III 191 TB 191 TB ● Emc-fc-05 IIII III 191 TB 191 TB ● Emc-fc-05 IIIIII<!--</td--><td>● data-15 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● data-16 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● III III III III III III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td></td>	● data-15 非 SSD 131.00 GB 971.00 MB ● data-16 非 SSD 131.00 GB 971.00 MB ● emc-fc-01 非 SSD 2.00 TB 1.11 TB ● emc-fc-01 非 SSD 2.32 TB 423.61 GB ● III III ○ III III ○ III III ○ III III	● data-15 非 SSD 131.00 GB 971.00 MB 130.05 GB ● data-16 非 SSD 131.00 GB 971.00 MB 130.05 GB ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB ● emc-fc-02 非 SSD 2.32 TB 423.61 GB 1.91 TB ● emc-fc-01 非 SSD 10 TB 1.91 TB ● emc-fc-02 非 SSD 10 TB 1.91 TB ● emc-fc-02 非 SSD 10 TB 1.91 TB ● emc-fc-03 非 SSD 10 TB 1.91 TB ● emc-fc-04 # SSD 10 TB 1.91 TB ● emc-fc-05 # SSD 131.00 GB 191 TB 191 TB ● emc-fc-01 # SSD 191 TB 191 TB 191 TB ● Emc-fc-02 # SSD 191 TB 191 TB 191 TB ● Emc-fc-03 # SSD 191 TB 191 TB 191 TB ● Emc-fc-04 III III 191 TB 191 TB ● Emc-fc-05 IIII III 191 TB 191 TB ● Emc-fc-05 IIIIII </td <td>● data-15 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● data-16 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● III III III III III III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td>	● data-15 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● data-16 非 SSD 131.00 GB 971.00 MB 130.05 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.00 TB 1.11 TB 978.19 GB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● emc-fc-01 非 SSD 2.02 TB 423.61 GB 1.91 TB VMFS5 ● III III III III III III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII

f) 选择适当的虚拟机版本,可按默认值选择



g) 选择 Linux, 版本选择 Red Hat Enterprise Linux 5(64 位)

创建新的虚拟机 名户机操作系统 指定此虚拟机要使用的	的客户机操作系统	<u></u> 回 33 虚拟机版本: 8
配置 <u>客流和位置</u> <u>资源地</u> 在截器 虚拟机版本 客 户机操作系统 CPU 内存 网络 SCSI 控制器 选择磁盘 即将完成	客户机操作系统:	■
帮助(出)		≤上一步 下一步≥ 取消

h) CPU 数根据实际情况选择,在条件允许时,尽量多选



i) 内存至少 4GB, 在条件允许时, 尽量多选

的好 配置虚拟机的内存;	ر√\v∘	虚拟机版4
<u>翻置</u> <u>名称和位置</u> <u>资源池</u> <u>存储器</u> <u>唐拟机版本</u> <u>客户机操作系统</u> <u>GPU</u> 内存 SCSI 控制器 达择磁盘 即将完成	内存配置 内存大小: 10 ÷ GB ▼ 512 GB 为此 雪户机操作系统推荐的最大值(X): 1011 GB。 256 GB 为成 128 GB 为成取最佳性能推荐的最大值(X): 65528 MB。 128 GB 为放取最佳性能推荐的最大值(X): 1011 GB。 32 GB 为此 32 GB 为此 16 GB 客户机操作系统推荐的默认值(D): 1 GB。 32 GB 16 GB 客户机操作系统推荐的最小值(M): 512 MB。 3 GB 1 GB 2 GB 1 GB	说明。

j) 配置网络,选择所在网段

 副置 名称和位置 资源池 存储型 您要连接多少个网卡? 您要连接多少个网卡? 应接如版本 客<u>户机操作系统</u> GPU 内在 网络 SC51 控制器 选择磁盘 即将完成 Qu果此虚拟机版本支持,则可以在创建虚 证框添加4个以上的网卡。 适配器选择对网络性能和迁移兼容性都有影 近路器选择对网络性能和迁移兼容性都有影 	1 、	适配器 E1000	1] •	「开电源 时连接 ☞
	向。请咨询\ 选择的更多(VMware 知识库 信息。	·彌頓以立) 「了解在不同	对

k) 点击"下一步"至磁盘大小配置,最少配置 32GB

创建磁盘 指定虚拟磁盘大小及	置备策略	虚拟机版本
配置 名瓶和位置 瓷瓶油 存储器 店根和加飯本 客户机操作系统 CPU 内在 SCSI 控制器 达择磁盘 創建磁盘 高級法成 即将完成	 容望 磁盘大 32 ÷ G8 ▼ 磁盘置备 厚置备近迟置零 厚置备置零 Thin Provision 位置 ⑤ 与虚拟机存储在同一目录中(V) ⑥ 指定数据存储或数据存储群集(D): 	
帮助(H)		<上一步 下一步> 取消

l) 点击下一步至完成。

- m) 启动虚拟机。
- n) 挂载镜像



o) 打开虚拟机控制台,在出现"Operating System not found"

字样后,在控制台中按下回车键以开始安装。

二. VMware Workstation 环境下安装配置

a) 新建虚拟机

VMware[®] Workstation 9



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b) 选择第二个选项"Custom(advanced)"

New Virtual Machine Wizard



c) 下一步

	atures are nee	eded for thi	s virtual machine?		
tual machine hardware	compatibility				
lardware compatibility:	Workstation	9.0	•		
Compatible with:	ESX Serve	er			
Compatible productor		Limita	lioner		
Fusion 5.0		64 G	B memory limit	~	
Workstation 9.0		8 pro 10 n 2 TB	ocessor limit etwork adapter lim disk size limit	it	
				-	
		< Back	Next >	Cancel	
Help d)选择第三个: Virtual Machine Wi	选项"Iw zard	<back< th=""><th>Next ></th><th>Cancel Derating</th><th>g system</th></back<>	Next >	Cancel Derating	g system
Help d)选择第三个: Virtual Machine Wi Guest Operating Sys A virtual machine is system. How will yo	选项"Iw zard tem Installa like a physical pu install the g	< Back /ill ins /tion /computer; uest opera	Next > stall the op it needs an operating system?	Cancel perating	g system
Help d) 选择第三个: Virtual Machine Wi Guest Operating Sys A virtual machine is system. How will yo tall from:	选项"Iw zard tem Installa like a physical ou install the g	< Back 7ill in: 1 tion 1 computer; uest operat	Next > stall the op it needs an opera ting system?	Cancel	g system
Help d) 选择第三个: Virtual Machine Wi Guest Operating Sys A virtual machine is system. How will yo tall from:) Installer disc:	选项"Iw zard tem Installa like a physical ou install the g	< Back vill in: ition I computer; uest operat	Next > stall the op it needs an opera ting system?	Cancel	g system
Help d) 选择第三个: Virtual Machine Wi Guest Operating Sys A virtual machine is system. How will yo tall from:) Installer disc:	选项"Iw zard tem Installa like a physical ou install the g	< Back vill in: ition I computer; uest operations 57VS2010UI	Next > stall the op it needs an opera ting system?	Cancel	g system
Help d) 选择第三个: Virtual Machine Wi Guest Operating Sys A virtual machine is system. How will yo :tall from: Installer disc: 麗 BD-ROM 驱动器	选项"Iw zard tem Installa like a physical pu install the g (E:) X16-8165 e (iso):	< Back vill in: ition I computer; uest operal 57VS2010UI	Next >	Cancel Derating	g system
Help d) 选择第三个: Virtual Machine Wi Guest Operating Sys A virtual machine is system. How will yo :tall from:) Installer disc: 證 BD-ROM 驱动器	选项"Iw zard tem Installa like a physical pu install the g (E:) X16-8165 e (iso): ktop\NMS7-20	< Back vill in: otion I computer; uest operal 57VS2010UI 13060301-	Next > stall the op it needs an opera ting system?	Cancel	g system
Help d) 选择第三个: Virtual Machine Wi Guest Operating Sys A virtual machine is system. How will yo tall from: Installer disc: 伊BD-ROM 驱动器	选项"Iw zard tem Installa like a physical pu install the gr (E:) X16-8165 e (iso): ktop\/\MS7-20	< Back vill in: vtion I computer; uest opera 57VS2010UI 13060301-	Next > stall the op it needs an opera- ting system?	Cancel	g system

e) 选择Linux, 版本为"Red Hat Enterprise Linux 5 64-bit"

	LANS TO BREA		
Select a Guest Operating S Which operating system w	System vill be installed on th	nis virtual machin	e?
Guest operating system			
Microsoft Windows			
Linux			
Novell NetWare			
🖱 Sun Solaris			
🗇 VMware ESX			
🗇 Other			
Version			
Red Hat Enterprise Linux 5 64-bi	it		-
Help	< Back	Next >	Cancel
Help	< Back	Next >	Cancel
Help f)下一步	< Back	Next >	Cancel
Help f)下一步 w Virtual Machine Wizard	< Back	Next >	Cancel
Help f)下一步 w Virtual Machine Wizard	< Back	Next >	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine	< Back	Next >	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like	< Back	Next >	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like	< Back	Next >	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like	<back< td=""><td>Next > ual machine?</td><td>Cancel</td></back<>	Next > ual machine?	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name:	<back< td=""><td>Next > ual machine? 可以任意写</td><td>Cancel</td></back<>	Next > ual machine? 可以任意写	Cancel
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Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: NMS7 4	Sack e to use for this virt 这个正	Next > ual machine? 可以任意写	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: NMS7 .ocation: C: \Users\hyu35\Documents\Virt	<back< td=""><td>Next > ual machine? 可以任意写</td><td>Cancel</td></back<>	Next > ual machine? 可以任意写	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: NMS7 .ocation: C:\Users\hyu35\Documents\Virtu The default location can be changed	 < Back e to use for this virt 这个正 i这个正 ual Machines WMS7 ged at Edit > Prefet 	Next > ual machine? 可以任意写	Cancel
Help f) 下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: NMS7 .ocation: C: \Users\hyu35\Documents\Virtuants C: \Users\hyu35\Documents\Virtuants	 < Back e to use for this virt 这个F ual Machines WMS7 ged at Edit > Prefe 	Next > Ual machine? 可以任意写 r rences.	Cancel
Help f) 下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: NMS7 .ocation: C: \Users\hyu35\Documents\Virtual The default location can be changed	< Back e to use for this virt 这个百 ual Machines\WMS7 ged at Edit > Prefe	Next > ual machine? 可以任意写 rences.	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: 	 < Back e to use for this virt 这个F ual Machines\NMS7 ged at Edit > Prefe 	Next > Ual machine? 可以任意写	Cancel
Help f) 下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: NMS7 .ocation: C:\Users\hyu35\Documents\Virtu The default location can be changed	< Back e to use for this virt 这个E ual Machines\WMS7 ged at Edit > Prefe	Next > Ual machine? 可以任意写 r rences.	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like Virtual machine name: NMS7 .ocation: C: \Users\hyu35\Documents\Virt The default location can be chang	< Back e to use for this virt 这个百 ual Machines\WMS7 ged at Edit > Prefe	Next > ual machine? 可以任意写 rences.	Cancel
Help f) 下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like //rtual machine name:	< Back e to use for this virt 这个正 ual Machines WMS7 ged at Edit > Prefet	Next > Ual machine? 可以任意写	Cancel
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Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like /irtual machine name: MMS7 .ocation: C:\Users\hyu35\Documents\Virt The default location can be chang	E to use for this virt 这个正 这个正 ged at Edit > Prefe	Next > Ual machine? 可以任意写 rences.	Erowse
Help f) 下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like //rtual machine name:	 < Back e to use for this virt 这个E ual Machines\WMS7 ged at Edit > Prefe 	Next > Ual machine? 可以任意写 rences.	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like Irtual machine name: NMS7 ocation: C: \Users\hyu35\Documents\Virti he default location can be chang	< Back to use for this virt 这个F ual Machines WMS7 ged at Edit > Prefe	Next >	Cancel
Help f)下一步 w Virtual Machine Wizard Name the Virtual Machine What name would you like What name would you like What name would you like Cirtual machine name: NMS7 ocation: C: \Users\hyu35\Documents\Virt he default location can be chang	< Back e to use for this virt 这个F ual Machines\NMS7 ged at Edit > Prefe < Back	Next > Ual machine? 可以任意写 rences. Next >	Cancel

g) 选择 CPU 数目, 按着具体情况选, 条件允许时尽量选大。

Specify the number of proc	essors for this virtual machine.
Processors	
Number of processors:	2 🔹
Number of cores per processor:	2 👻
Total processor cores:	4
	这个可以根据实际情况选择越大越好

h) 内存最低 4GB, 条件允许情况下, 越大越好

Memory for How mu	r the Virtual Machine ch memory would you like to use for this virtu	al machine?
pecify the amo nust be a multip	unt of memory allocated to this virtual machi le of 4 MB.	ne. The memory size
64 GB 🚽 🗍	Memory for this virtual machine:	4000 🌻 MB
32 GB -		
16 GB -		T
8 GB -		
4 GB 💮	Maximum recommended memory: COOD ND	
2 GB -	6280 MB	
1 GB -		
512 MB -	Recommended memory:	1
256 MB	1024 MB	
128 MB		
64 MB	Guest OS recommended minimum:	
32 MB	512 MB	
16 MB -		相相的方法
8 MB -		18. 插关时用元 捕么捕捉
4 MB -		ROJY ROXI

i) 选择网络为第一个桥接"Use bridged networking"

Network Typ	be la
What typ	e of network do you want to add?
Network connec	tion
Use bridged i	networking
Give the gue	st operating system direct access to an external Ethernet
	address translation (NAT)
Give the gue	st operating system access to the host computer's dial-up or ernet network connection using the host's IP address.
S	
O Use host-only Connect the computer.	y networking guest operating system to a private virtual network on the host
🔿 Do not use a	network connection
Uda	
Help	< Back Next > Cancel
Help	< Back Next > Cancel
Help j)下一	<back next=""> Cancel</back>
Help j)下一: w Virtual Mac	<back next=""> Cancel</back>
Help j)下一 w Virtual Mae	<back next=""> Cancel 步 chine Wizard</back>
Help j)下一 w Virtual Mac Select I/0 C	<back next=""> Cancel 步 chine Wizard ontroller Types</back>
Help j)下一 w Virtual Mad Select I/O C Which SC	< Back Next > Cancel 步 chine Wizard ontroller Types SI controller type would you like to use?
Help j)下一: w Virtual Mac Select I/O C Which SC	<back next=""> Cancel thine Wizard ontroller Types SI controller type would you like to use?</back>
Help j)下一 w Virtual Mar Select I/O C Which SC	< Back Next > Cancel 步 chine Wizard ontroller Types SI controller type would you like to use? pes
Help j)下一; w Virtual Mac Select I/O C Which SC	<back next=""> Cancel 步 chine Wizard ontroller Types SI controller type would you like to use? pes ATAPI</back>
Help j)下一; w Virtual Mad Select I/O C Which SC	< Back
Help j)下一 w Virtual Mad Select I/O C Which SC I/O controller ty IDE Controller: SCSI Controller:	< Back Next > Cancel Chine Wizard ontroller Types SI controller type would you like to use? pes ATAPI BusLogic (Not available for 64-bit guests)
Help j)下一; w Virtual Mac Select I/O C Which SC I/O controller ty IDE Controller: SCSI Controller:	< Back Next > Cancel Chine Wizard ontroller Types SI controller type would you like to use? pes ATAPI BusLogic (Not available for 64-bit guests) (In the second sector of the
Help j)下一 w Virtual Mad Select I/O C Which SC I/O controller ty IDE Controller: SCSI Controller:	< Back Next > Cancel 步 chine Wizard ontroller Types SI controller type would you like to use? pes ATAPI BusLogic (Not available for 64-bit guests) ④ LSI Logic (Recommended) ① LSI Logic SAS

< Back

Next > Cancel

k) 下一步

Help

system, which . Virtual disks osts.
system, which . Virtual disks osts.
a local hard
Cance

m) 分配硬盘空间,至少32GB,根据实际情况选择。

How large do you v	y want this disk to be?		
Maximum disk size (GB):	20.0 🗶 🗲		情况
Recommended size for R	ed Hat Enterprise Linux 5	64-bit! 20 GB	
Allocate all disk space	e now.		
Allocating the full cap physical disk space to space now, the virtu	pacity can enhance perfor b be available right now. I al disk starts small and gro	mance but requir f you do not alloc ows as you add d	es all of the cate all the ata to it.
🖱 Store virtual disk as a	a single file		
Split virtual disk into r	multiple files		
Help	< Back	Next >	Cancel
w Virtual Machine W	izard		Σ
v Virtual Machine W Specify Disk File Where would you I	izard ike to store the disk file?		Σ
v Virtual Machine W Specify Disk File Where would you i	izard ike to store the disk file?		Σ
v Virtual Machine W Specify Disk File Where would you i where would you i where would you i sk File one disk file will be create ach file beyond the first rovided here as a basis.	izard ike to store the disk file? ed for each 2 GB of virtual will be automatically gene	disk capacity. Fil rated using the f	e names for ile name
 W Virtual Machine W Specify Disk File Where would you I Where would you I Where would you I Where would you I Where would you I 	izard ike to store the disk file? ed for each 2 GB of virtual will be automatically gene	disk capacity. Fil rated using the f	e names for ile name Browse
v Virtual Machine W Specify Disk File Where would you I where wou I where wou I wher	izard ike to store the disk file? d for each 2 GB of virtual will be automatically gene	disk capadity. Fil rated using the f	e names for ile name Browse
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v Virtual Machine W Specify Disk File Where would you I isk File Ine disk file will be create ach file beyond the first rovided here as a basis. VMS7.vmdk	izard ike to store the disk file? ed for each 2 GB of virtual will be automatically gene	disk capacity. Fil	e names for ile name Browse

o)完成

Ready to Create Click Finish to (Enterprise Line	Virtual Machine create the virtual machine. Then you can install Red Hat ix 5 64-bit.
he virtual machine v	will be created with the following settings:
Name:	NMS7
Location:	C:\Users\hyu35\Documents\Virtual Machines\N
Version:	Workstation 9.0
Operating Sy	Red Hat Enterprise Linux 5 64-bit
Hard Disk:	20 GB, Split
X1	
Customize Hardw	are

p) 编辑新建立的虚拟机,点击光驱。

Power on this virtue Exit simual machine	al machine i settings					
Devices Devices Ministerry In Decessor A Decessor Aded Oik (SSE) Soc Onvolume Soc Onvolume Soc Onvolume Soc Onvolume Soc Onvolume Description Span have to arrow a des virtual machine.	9.58 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0					
		 Virtual Machine De Stat Configuration fil Hardware compatibility 	etails te: Powered off le: C-(Duen)(nyu35:(Documenta) ty: Workstellon B.0 virtual reac	Virtual Mathines/MMS7/MMS	3.mm	

q) 选择加载安装镜像

Bendland		
Memory Processors Hard Disk (SCSI) CD/DVD (IDE) Floppy USB Controller USB Controller Sound Card Printer Display	Summary 3.9 GB 4 20 GB Auto detect Auto detect Bridged (Automatic) Present Auto detect Present Auto detect Auto detect Auto detect Remove	Device status Connected Connection Use physical drive: Auto detect Browse Advanced 送择安装镜像

r) 启动虚拟机

安装过程

系统的安装是一次性安装操作系统、数据库和软件并实现自动配置,所以只需要一台裸机即 可,不需要事先安装操作系统。从光盘引导系统,到如下界面直接按回车键。

	Warning
?	The partition table on device sda (VMware, VMware Virtual S 40955 MB) was unreadable. To create new partitions it must be initialized, causing the loss of ALL DATA on this drive.
	This operation will override any previous installation choices about which drives to ignore.
	Would you like to initialize this drive, erasing ALL DATA?
	No Yes





选择 Remove all partitions on selected drivers and create default layout

不要选择 Encrypt system (加密系统)

W	/RD IT运维	管理系统	Č
Installation requires parti By default, a partitioning reasonable for most user to use this or create your	tioning of your hard drive. layout is chosen which is s. You can either choose own.		
Remove all partitions on	selected drives and create default la	/out. ♦	
Encrypt system			
<u>S</u> elect the drive(s) t	o use for this installation.		
☑ sda 32765 M	B VMware Virtual disk		
≜ dva	nced storage configuration		
_			
示将删除所有数据, \\\	^{选择 yes} /RD IT运维	管理系统	Č
Installation requires parti By default, a partitioning reasonable for most user to use this or creat	tioning of your hard drive. layout is chosen which is s. You can either choose Warning		
Remove all partiti	You have chosen to remove all p following drives:	partitions (ALL DATA) on the	
Encrypt system	sda (VMware Virtual disk 32765	MB)	
Select the dri	Are you sure you want to do this	;?	
☑ sda 32		<u>No</u> Yeş	
Adva 🌩	nced storage configuration		
Review and modify pa	rtitioning layout		
<u>Release Notes</u>		4	Back 🖗 <u>N</u> ext

安装成功后选择重新启动系统,记得将光盘从光驱中移出。



设定系统的 IP 地址

系统安装完毕后默认第一块网卡的地址为 192.168.100.100。将一台具有浏览器的终端 配置为和服务器相同地址段的 IP 如 192.168.100.90/255.255.255.,并将网络与服务器的第一 块网卡连接起来通过浏览器访问 <u>http://192.168.100.100</u>。初始的管理员用户名为 admin 密 码为 10@ding

□ IT运输管理系统 × -	
← → C 🗋 192.168.100.100/login	소 =
THE THEFT	
用户系:admin 图 码:	
2013 @ Copyright All rights researed	

选择系统>系统管理>服务器网卡配置菜单 设置正确的 IP 地址、子网掩码、默认网关、DNS 后点击提交

Rearrante Inghi				1.00
	m页 504			14
National Classics	 当前位置: 米売 > 系統置置 > 副物類応告記 	20		
1077-0-			SINSPINSE	
命色體理	IPECK.	192.168.100.100	012480	
物色列发	T PERSON AND A PER	100 199 100 1	(LC-W)	
110世現	ALL PERCENT	192 100 100 1	101480	
社中観理	DIVISION DI	1992.100.100.1	(TT-9)	
10.00	And the state of the party of		Harmen Harmen	
			an a	
COLUMN STREET				
SCHARGIN				
1.0.00				
202				
HDE:				
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IR				
SHILLED R				

使用新设定的 IP 地址重新登录系统

选择系统>授权申请菜单,点击下载授权文件链接,下载授权申请文件

WRE TECH	首页	网络	苦馨	运班	机房	SYSLOG	资产	参数	系統	
# 功能管理 专用管理	 当前位却 表出下 	記 東統 3 開設収立体	授校憲法	1 > #J	199Q					
# 角色ն理 角色列表										
# 用户篮理 用户管理										
个人信息 # :投权管理										
由消除的										

将授权申请文件连同授权单位名称、节点数等信息发送给代理商申请授权文件,拿到授权文 件后选择更新授权菜单,将授权文件上传至服务器即可开始测试使用。

若将网络运维系统安装在了虚拟化平台或不可通过网线直连服务器的情况下,或熟悉 Linux,愿意使用命令行模式配置服务器 IP 时,可使用命令行配置。

打开控制台到运维服务器,使用用户名:root,密码:@dm1n\$登陆命令行。

```
root 账号禁止远程登录访问,远程访问需要建立新用户。
输入命令 useradd wrdnms (wrdnms 即为新用户名,请根据实际情况自行更改)
```



为新用户设置密码 passwd <u>wrdnms</u> 点击回车输入密码。

[root@NMS ~]# passwd wrdnms Changing password for user wrdnms. New UNIX password: BAD PASSWORD: it is based on a dictionary word Retype new UNIX password: passwd: all authentication tokens updated successfully. [root@NMS ~]#

远程 SSH 登录的端口为 13911.

然后使用 setup 命令进入如下界面,选择网络配置项

Text Mode Setup Utilit	y 1.19.2	(c)	1999-2006	Red Hat,	Inc.
Text Mode Setup Utilit	y 1.19.2 Choose a Tool Authentication confi Firewall configuration System services	(c) iguration ion pn	1999-2886	Red Hat,	Inc.
200-15-22614 00-15-1-					
(IdD)/(HIt-IdD) be	tween elements i Ust	e (Enter) ti	J Eart a St	rection	

选择编辑设备

Select Action Edit Devices Edit DNS configuration Save&Quit Quit	
<tab>/<alt-tab> between elements <space> selects</space></alt-tab></tab>	<f12> next screen</f12>

选择要使用的网卡

ſ	Select A Device
	eth0 (eth0) - Intel EtherExpress/1000 gigabit <new device=""></new>
	Save Cancel
<pre><tab>/<alt-tab ip="" pre="" ¿置="" 地址、子网<=""></alt-tab></tab></pre>	-> between elements
	Devernet Configuration
	Name eth0 Device eth8
	Use DHCP L J Static IP 192.168.100.100 Netmask 255.255.0
	Default gateway IP 192.168.100.1
	Ok Cancel
<tab>/<alt-tab< th=""><td>>> between elements <space> selects <f12> next screen</f12></space></td></alt-tab<></tab>	>> between elements <space> selects <f12> next screen</f12></space>

选择保存



Edit Devices Edit DNS configuration	
Save&Quit Quit	
<tab>/<alt-tab> between elements <space> selects <f12> next screen</f12></space></alt-tab></tab>	

设置正确的 DNS 信息

DNS configuration
Hostname Primary DNS Secondary DNS Tertiary DNS Search Ok Cancel
选择保存退出
Select Action Edit Devices Edit DNS configuration Save&Quit Quit
<pre>(Tab)/(Alt-Tab) between elements :: (Snace) selects :: (F12) next screen</pre>

选择退出

Text Mode Setup Utility 1.19.2	(c)	1999-2006	Red Hat,	Inc.
Authentication configuration	on			
Firewall configuration				
Network configuration				
System services				
Run Tool Quit				
		3		
<pre><tab>/<alt-tab> between elements Use <enter< pre=""></enter<></alt-tab></tab></pre>	r> to	edit a se	lection	
执行/etc/init.d/network restart 命令重启网络服务				
[root@MNS_]#				
[root@NMS ~]#				
Eroot@NMS ~]#				
Lroot@NMS J# [root@NMS ~1#				
[root@NMS ~]#				
[root@NMS ~]# [root@NMS ~]# /etc/init_d/wetwork_rootant				
Shutting down interface eth0:	I	ок ј		
Shutting down loopback interface:	I	OK 1		
Bringing up loopback interface:	ľ			
IncotONMS ~1#	L	0 1		

输入 date 命令检查系统时间是否正确,若不正确,使用 date -s 小时:分钟:秒 命令来 校正系统时间。

[root@NMS7DEV_Hyu35 htm]]# date Fri Jun 21 14:01:46 CST 2013 [root@NMS7DEV_Hyu35 htm]]# date -s 14:04:00 Fri Jun 21 14:04:00 CST 2013 [root@NMS7DEV_Hyu35 htm]]#

.

4 III

执行 exit 退出系统控制台

安装完毕,可申请授权,使用系统。