linux 安装 oracle 全过程

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第一部分:安装 oraclel_linux 5 操作系统及配置环境

一一一定壮叶和小石体	٠	ORACLE [®]
一、女爱 linux 操作系统		
1.Desktop Environments GNOME Desktop Environment	桌面环境 □ 应用程序 开发 服务器 ■ 基本系统 数集存储 虚拟化 東群	₩ I GNOME 桌面环境 I KDE (K 桌面环境)
	GNOME 是一个功能强大的图形化用户界面,它包 器。	括一个面板、桌面、系统图标、以及图形化文件管理
		32 of 38 optional packages selected
		可选的软件包 ②
	发行注记®	◆后退(2) →下一步(2)
	Å.	ORACLE
	×	
	桌面环境	≈ 办公/生产率
	应用程序	խ 🗆 图形
2. Applications	田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田 田	 중 図 图形化互联网 중 図 基于文本的互联网
Editors	基本系统	
Graphical Internet	群集存储	●□ 授权和出版
Text-based Internet	集群 · ·	 ◎ 近次加速点 ◎ 编辑器
	包括的应用程序有办公室件、PDF 查看器等等。	
		可选的软件包 (0)

发行注记®

◆后退⑧ →下一步№

3.Development

Development Libraries Development Tools Legacy Software Development



Server Configuration Tools

4.Servers

5.Base System

- Administration Tools
- Base

Java

Legacy Software Support

System Tools

X Window System

注: system tools 这里很关键,安装 了 Oracle 自己的几个模块,单击 Details。除了默认选中的程序包外, 再选择以下程序包:

1) ocfs-2-2.6.9-42.0.0.0.1EL(UP 内核 驱动程序),或者

- 选择 ocfs-2-2.6.9-42.0.0.0.1ELsmp (SMP 内核驱动程序)。
- 2) ocfs2-tools
- 3) ocfs2console
- 4) oracle oracleasm-2.6.9-42.0.0.1EL
 (UP 内核驱动程序)或选择
 oracleasm-2.6.9-42.0.0.0.1ELsmp
 (SMP 内核驱动程序)
- 桌面ヨ 应用 与这个组相关联的一些软件包并不需要被安装,但安装它们可以获得额外的功能。请选择您希望安装的软件包。 开发 oracleasm-support-2.1.3-1.els.xob_o4 - The Oracle Automatic Storage Man 服务 pinentry-0.7.3-3.el5.x86_64 - Collection of simple PIN or passphrase entry c 基本 Indesktop-1.6.0-3.x86_64 - 到 Windows 终端服务器的远程桌面的 X 客户端 群集 🗹 samba-client-3.0.33-3.28.el5.x86_64 - Samba (SMB) 客户程序。 虚拟(sblim-gather-2.2.0-40.0.1.el5.x86 64 - SBLIM Gatherer 集群 Sblim-wbemcli-1.6.1-40.0.1.el5.x86_64 - SBLIM WBEM Command Line Inter • screen-4.0.3-1.el5_4.1.x86_64 - A screen manager that supports multiple lo 🛛 sysstat-7.0.2-3.el5.x86_64 - sar 和 iostat 系统监视命 tn5250-0.17.3-6.x86_64 - 5250 Telnet 协议和终端机 Þ ★ 关闭(℃) □ 发行注记(B) ➡ 下一步(N)

ORACLE

5) sysstat.

--这样安装好的 Linux, 只有 libaio 和 openmotif21 没安装(这两个是装 10G 必须的。)

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6.开始进行安装

÷					ORAC	LE
		En L	iterp ini	orise UX		
正在安装 xkevboard-	config-0,8-9.el5 r	noarch (2 兆字节)				
☆迎	四日日 大 您可以使用一个 止来自外界的 呢?	方火墙 防火爆来允许从其它社 • 未经验证的系统对做	几醫上访问您的: 5系统进行访问	系统上的特定的原 。	◆ 后退(2) 服务,同时可以防 些服务可以被访问	☞下一步(10)
白頭和时间 创建用户	防火墙: 蕪	≸用				\$
声卡 附加光盘	信任的服务: ▶ 其它端口	 FTP NF54 S5H Samba Telnet WWW (HTTP) 	10			
					▲ 后退	8) 🔷 前进(5)

7.关闭防火墙

8.禁用 selinux



9.不启用 kdump

前进后进行安装。

二、安装要用的补丁包:

安装文件在安装光盘中,SERVER 文件夹下 rpm -ivh kernel-headers-2.6.18-194.el5.x86_64.rpm rpm -ivh glibc-headers-2.5-49.x86_64.rpm rpm -ivh glibc-devel-2.5-49.x86_64.rpm rpm -ivh libstdc++-devel-4.1.2-48.el5.x86_64.rpm rpm -ivh compat-db-4.2.52-5.1.x86_64.rpm rpm -ivh libgomp-4.4.0-6.el5.x86_64.rpm rpm -ivh gcc-4.1.2-48.el5.x86_64.rpm rpm -ivh gcc-c++-4.1.2-48.el5.x86 64.rpm rpm -ivh sysstat-7.0.2-3.el5.x86_64.rpm rpm -ivh unixODBC-2.2.11-7.1.x86 64.rpm rpm -ivh unixODBC-devel-2.2.11-7.1.x86_64.rpm rpm -ivh libXp-1.0.0-8.1.el5.i386.rpm rpm -ivh libstdc++-devel-4.1.2-48.el5.i386.rpm rpm -ivh unixODBC-2.2.11-7.1.i386.rpm rpm -ivh unixODBC-devel-2.2.11-7.1.i386.rpm rpm -ivh libaio-devel-0.3.106-5.x86_64.rpm rpm -ivh elfutils-libelf-devel-static-0.137-3.el5.x86 64.rpm rpm -ivh elfutils-libelf-devel-0.137-3.el5.x86 64.rpm rpm -ivh compat-gcc-34-3.4.6-4.x86 64.rpm rpm -ivh compat-gcc-34-c++-3.4.6-4.x86 64.rpm rpm -ivh gdb-7.0.1-23.el5.x86_64.rpm rpm -ivh libtermcap-devel-2.0.8-46.1.x86 64.rpm rpm -ivh readline-devel-5.1-3.el5.x86 64.rpm rpm -ivh glibc-devel-2.5-49.i386.rpm rpm -ivh libaio-devel-0.3.106-5.i386.rpm rpm -ivh oracle-validated-1.0.0-22.el5.x86 64.rpm (打完补丁后, oracle 用户自动创建好了)

三、修改 linux 内核参数

要进行这些更改,以 root 用户身份运行以下命令:

1.在 /etc/security/limits.conf 文件中添加以下几行代码: [root@racnode1~]# cat >> /etc/security/limits.conf <<EOF oracle soft nproc 2047 oracle hard nproc 16384 oracle soft nofile 1024 4096 oracle hard nofile 65536 EOF

2.在 /etc/pam.d/login 文件中添加或编辑下面一行内容 (如果不存在此行):

[root@racnode1 ~]# cat >> /etc/pam.d/login <<EOF
session required pam_limits.so
EOF</pre>

根据您的 shell 环境,对默认的 shell 启动文件进行以下更改,以便更改所有 Oracle 安装所有者的 ulimit 设置(注意这里的示例显示 oracle 和 grid 用户):

3.对于 Bourne、Bash 或 Korn shell,通过运行以下命令将以下行添加到 /etc/profile 文件: [root@racnode1~]# cat >> /etc/profile <<EOF if [\\$USER = "oracle"] || [\\$USER = "grid"]; then if [\\$SHELL = "/bin/ksh"]; then ulimit -p 16384 ulimit -n 65536

```
ulimit -u 16384 -n 65536
fi
umask 022
```

fi EOF

下面这个要执行,就这个有问题!!!

修改 /etc/sysctl.conf net.core.rmem_default=1048576

修改 /etc/hosts 如: 127.0.0.1 localhost.localdomain localhost 192.168.1.3 主机名

4.使用 VNC 登录远程系统(为远程图形界面做准备)

[root@racnode1 ~]# su - ORACLE
[grid@racnode1 ~]\$ DISPLAY=127.0.0.1:0
[grid@racnode1 ~]\$ export DISPLAY
[grid@racnode1 ~]\$ #xhost +
如果出现如下错误提示:

oracle@ysdb:/u01/sw/database

File Edit View Terminal Tabs Help

```
Preparing to launch Oracle Universal Installer from /tmp/OraInstall2012-01-31 05
-30-07AM. Please wait ...[oracle@ysdb database]$ Oracle Universal Installer, Ver
sion 10.2.0.1.0 Production
Copyright (C) 1999, 2005, Oracle. All rights reserved.
Klib: connection to ":0.0" refused by server
Klib: No protocol specified
Can't connect to X11 window server using ':0.0' as the value of the DISPLAY vari
able.
:0.0
:0.0
DUI-10025:Unable to start an interactive install session because of the followin
g error:Can't connect to X11 window server using ':0.0' as the value of the DISP
LAY variable. The DISPLAY environment variable should be set to <hostname or IP
address>:<screen>, where the <screen> is usually '0.0'.
DUI-10026:Depending on the Unix Shell, you can use one of the following commands
as examples to set the DISPLAY environment variable:
- For csh:
                              % setenv DISPLAY 192.168.1.128:0.0
- For sh, ksh and bash:
                              $ DISPLAY=192.168.1.128:0.0; export DISPLAY
Use the following command to see what shell is being used:
       echo $SHELL
Use the following command to view the current DISPLAY environment variable setti
ng:
       echo $DISPLAY
 Make sure that client users are authorized to connect to the X Server.
DUI-10027:To enable client users to access the X Server, open an xterm, dtterm o
r xconsole as the user that started the session and type the following command:
在 root 身份执行如下操作
[root@ysdb ~]# xhost +
access control disabled, clients can connect from any host
[root@ysdb ~]# su - oracle
-bash: /home/oracle: is a directory
[oracle@ysdb ~]$ xclock
```

当出现下图图标即可执行安装程序



配置 oracle 用户信息 **以 oracle 身份登录后在 home 下修改.bash_profile 文件,标黄部分需要修改** 为 oracle 用户帐户创建登录脚本 if [-f ~/.bashrc]; then _____.~/.bashrc fi

alias Is="Is -FA"

ORACLE_SID=xxx; export ORACLE_SID

JAVA_HOME=/usr/local/java; export JAVA_HOME

ORACLE_BASE=/u01/app/oracle; export ORACLE_BASE

ORACLE_HOME=\$ORACLE_BASE/product/10.2.0/dbhome_1; export ORACLE_HOME

ORACLE_PATH=/u01/app/common/oracle/sql; export ORACLE_PATH

ORACLE_TERM=xterm; export ORACLE_TERM

NLS_DATE_FORMAT="DD-MON-YYYY HH24:MI:SS"; export NLS_DATE_FORMAT

TNS_ADMIN=\$ORACLE_HOME/network/admin; export TNS_ADMIN

ORA_NLS11=\$ORACLE_HOME/nls/data; export ORA_NLS11

PATH=.:\${JAVA_HOME}/bin:\${PATH}:\$HOME/bin:\$ORACLE_HOME/bin

PATH=\${PATH}:/usr/bin:/usr/bin/X11:/usr/local/bin

PATH=\${PATH}:/u01/app/common/oracle/bin

export PATH

LD_LIBRARY_PATH=\$ORACLE_HOME/lib

LD_LIBRARY_PATH=\${LD_LIBRARY_PATH}:\$ORACLE_HOME/oracm/lib

LD_LIBRARY_PATH=\${LD_LIBRARY_PATH}:/lib:/usr/lib:/usr/local/lib

export LD_LIBRARY_PATH

CLASSPATH=\$ORACLE_HOME/JRE

CLASSPATH=\${CLASSPATH}:\$ORACLE_HOME/jlib

CLASSPATH=\${CLASSPATH}:\$ORACLE_HOME/rdbms/jlib

CLASSPATH=\${CLASSPATH}:\$ORACLE_HOME/network/jlib

export CLASSPATH

THREADS_FLAG=native; export THREADS_FLAG

export TEMP=/tmp

export TMPDIR=/tmp

umask 022

创建 Oracle 基目录路径 用 root 身份

最后一步是配置 Oracle 基路径,要遵循最佳灵活体系结构 (OFA) 的结构及正确的权限。需要以 root 用 户身份在集群的两个 Oracle RAC 节点上完成此任务。 本指南假设在根文件系统中创建 /u01 目录。请注意,这样做是为了简便起见,不建议将其作为通用做法。

通常会将 /u01 目录作为配置了硬件或软件镜像功能的单独文件系统供应。

[root@racnode1 ~]# mkdir -p /u01/app/oracle

[root@racnode1~]# chown -R oracle:oinstall /u01

[root@racnode1 ~]# chmod -R 775 /u01

第二部分:安装 oracle 数据库

复制 10201_database_linux_x86_64.cpio.gz 到目标机器,修改权限 解压: gunzip 10201_database_linux_x86_64.cpio.gz cpio -idcmv < 10201_database_linux_x86_64.cpio

开始安装:(跳过系统版本检查)

./runInstaller -ignoreSysPreReqs 安装如图

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Oracle Universal Installer: Welcome

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The Oracle Universal Installer guides you through the installation and configuration of your Oracle products.

Click "Installed Products..." to see all installed products.

		>>	
			Deinstall Products
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Help Installed Pro	ndurts	Bark	Deinstall Products About Oracle Universal Installer

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Snecify	/ Inventory directory and credentials	
specing	y inventory directory and credentiars	
You are sta	rting your first installation on this host. As part of this install, you need to specify a	
directory fo	r installer files. This is called the "inventory directory". Within the inventory directory, the	
installer au	tomatically sets up subdirectories for each product to contain inventory data and will	
consume ty	pically 150 Kilobytes per product.	
Enter the fu	Ill path of the inventory directory.	
/u01/app,	/oracle/oralnventory Browse)
You can sp	ecify an Operating System group that has write permission to the above inventory directo	ry.
You can lea	we the field blank if you want to perform the above operations as a Superuser.	
Specify Ope	arating System group name:	
oinstall		
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d OI	racle Universal Installer: Select Configuration Option
Select Cor	nfiguration Option
Select the configu configure Automa can choose to inst configuration late	ration that suits your needs. You can choose either to create a database or to tic Storage Management (ASM) for managing database file storage. Alternatively, you call just the software necessary to run a database, and perform any database r.
⊂ <u>C</u> reate a dat	abase
C Configure Au	tomatic Storage Management (ASM)
Specify ASM	1 SYS Password:
<u>C</u> onfirm AS	M-SYS-Password:
Install datab	ase Software only
	In the Head Data share a second and the second and
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Summary Oracle Datak	Cracle Universal Installer: Summary Case 10g 10.2.0.1.0 gs D1/sw/database/stage/products.xml ne: /u01/app/oracle/product/10.2.0/dbhome_1 (OraDb10g_home1) Type: Enterprise Edition uages ements 1.74GB (includes 130MB temporary) : Available 33.40GB tions (109 products) uired Support Files 10.2.0.1.0 i.ommon Files 10.2.0.1.0 Set Migration Utility 10.2.0.1.0

Oracie Universal Installer: Install	
Install	
Installing Oracle Database 10g 10.2.0.1.0	
Installation in progress Link pending Setup pending Configuration pending	Oracle Database 10g: The Database for the Grid • Virtualization at every layer • Policy-based provisioning • Resource pooling
Extracting files to '/u01/app/oracle/product/10.2.0/dbhome_1'.	
Stop installation	1
You can find a log of this install session at: /u01/app/oracle/oralnventory/logs/installActions2012-01-31_05-47-07AM.	log
Help Installed Products Back Next	Install Cancel

1		Oracle Universal Installer: Install	_X
		Execute Configuration scripts X	σ
Ins	The follow	ving configuration scripts need to be executed as the "root" user.	0
Insta	Scripts to	be executed:	
r In	Number	Script Location	
r Li	1	/u01/app/oracle/oralnventory/orainstRoot.sh	
V se	2	/u01/app/oracle/product/10.2.0/dbhome_1/root.sh	
G			
delet			
	To over		
Ste	1. Ope	n a terminal window	
210	2. Log	in as "root" the scripts	8
><	4. Retu	irn to this window and click "OK" to continue 📡	
You		N,	
/u0:	Н		\geq
He	lp (Installed Products Back Next Install Can	cel
OF	RACLE.		

[root@YHF etc]# /u01/app/oracle/oraInventory/orainstRoot.sh

安装完成后在 root 下运行 2 个脚本:



软件安装完成。

第三部分:安装数据库补丁

升级数据库软件到 10.2.0.4 复制 p6810189_10204_Linux-x86-64.zip 到目标机器 unzip p6810189_10204_Linux-x86-64.zip 解压文件 修改权限,解压软件包。

% cd patchset_directory/Disk1 % ./runInstaller

重点说明:取消上面的√

M	Oracle Universal Installer
	Provide your email address to be informed of security issues, install the product and initiate configuration manager. <u>View details</u> .
	E <u>m</u> ail:
	Easier for you if you use your My Oracle Support email address/username.
	I wish to receive security updates via My Oracle Support.
	My <u>O</u> racle Support Password:
	Help Installed Products Back Next Install Cancel 🧃

	Oracle Universal Installer
Provide your	Email Address Not Specified
comguratio	
	You have not provided an Email address.
	Do you wish to remain uninformed of critical security
UI wish to re	issues in your configuration?
My <u>U</u> rac	
	(Yes No
Help Install	ed <u>Products) Back N</u> ext Install Cance

8		Oracle Universal Installer: Install	_X	
(Execute Configuration scripts		
Ins	The follow	ving configuration scripts need to be executed as the "root" user.		
	Scripts to	be executed:		
insta M Di	Number	Script Location		
🖌 In	1	/u01/app/oracle/product/10.2.0/dbhome_1/root.sh		
🖌 Li				
✓ Se				
	1	D		
chan	To execut	e the configuration scripts:		
	2. Log	in as "root"		
(<u>S</u> to	4. Retu	irn to this window and click "OK" to continue	3	
rou /u0:		еір)ОК)		
L				
Ш	elp	Installed Broducts) Back Next Install Cance		
<u> </u>				完成后运行服

本:

[root@YHF orasoft]#

/u01/app/oracle/product/10.2.0/dbhome_1/root.sh



到此 oracle 全部安装完成

第四部分:创建数据库实例

在 oracle 账户下,执行 dbca

	Select the operation that you want to perform: © Create a Database © Configure Database Options © Delete a Database © Manage Templates © Configure Automatic Storage Management	(<u>Ņext</u>)
	 Create a Database Configure Database Options Delete a Database Manage Templates Configure Automatic Storage Management 	(<u>Next</u>)
	 Configure Database Options Delete a Database Manage Templates Configure Automatic Storage Management 	(<u>Ņext</u>)
	 Configure Automatic Storage Management Configure Automatic Storage Management 	(<u>Next</u>)
	Manage Templates Configure Automatic Storage Management	(<u>Next</u>)
	C Configure Automatic Storage Management	(<u>Next</u>)
	Configure Automatic Storage Management	(<u>Next</u>)
	(d Bar	(<u>Next</u>)
Cancel Help Database Configuration Select a temp Select T Select of the Select of the Sele	(/ Bar	(<u>Next</u>)
Select a tem		
Select a tem		
Select a tem Select a tem	Assistant, Step 2 of 12 : Database Templa	tes _ 🗆 🗙
Select a tem		
	late from the following list to create a database:	
	emplate	Includes Datafiles
Coccession	ustom Database	No
C C	ata Warehouse	Yes
Novembalantine Novembalantine	eneral Purpose	Yes
Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan Abarassakananan	ransaction Processing	Yes
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Marga California		
		Show Details

0

B Database Con	riguration Assistant,	Step 3 of 12 : Data	base identification	민즈
	An Oracle database is un "name.domain". Global Database Name: A database is referenced any other instance on this SID:	iquely identified by a Glo viliys by at least one Oracle in computer by an Oracle S viliys	bal Database Name, typically of the form stance which is uniquely identified from System Identifier (SID).	
Cancel Help			🔇 Back 🛛 Next 📎	
输入 ORACLE_SID				
Database Cor	nfiguration Assistant	;, Step 4 of 12 <u>:</u> Mar	agement Options	
	Each Oracle database ma Control or locally using th management option that	ay be managed centrally u e Oracle Enterprise Mana you would like to use to n use with Enterprise Manag	using the Oracle Enterprise Manager Gric ger Database Control. Choose the nanage this database. ier	1

Use Database Control for Database Management

Enable Email Notifications Outgoing Mail (SMTP) Server:

Email Address: Enable Daily Backup

Backup Start Time: OS Username: Password:

Cancel) Help

🔇 Back

02 00 0 AM O PM

不选择"Configure the database with Enterprise Manger", 点击"Next"继续

Next ≫)

Database C	onfiguration Assistant,	Step 5 of 12 : Data	abase Creo	dentials	×
Window Menu					
	For security reasons, you r database.	nust specify passwords f	or the followi	ng user accounts in t	the new
	Use the Same Passwor	d for All Accounts			
	Password: **	****			
	Confirm Password: 😽	****			
	C Lise Different Passwor	ds.			
	User Name	Password	Confirm	Password	
	SYS	1 455/014	Commi	11 455 001 01	
	SYSTEM				
Cancel Help 输入用户口令: ttjsxdl) next 继续		♂ Back	Next 📎	
Database	Configuration Assista	nt, Step 6 of 12 : Si	torage Opt	tions	
	Select the storage mechan	ism you would like to use	e for the data:	oase.	
	File System Use the File System for	Database storage.			
Таритериона Тарит	C Automatic Storage Mana Automatic Storage Man optimizes database lay specify a set of disks to C Raw Devices Raw partitions or volun Clusters (RAC) databas File System is not availa control file, and log file	gement (ASM) agement simplifies datak yout for I/O performance, o create an ASM disk gro nes can provide the requ ies if you do not use Auto able. You need to have c you are planning to crea	base storage a . To use this o up or specify irred shared s imatic Storage reated one ra ite in the data	administration and option you must eithe an existing ASM disk torage for Real Appl e Management and a aw device for each d abase.	er k group. ication i Cluster atafile,
Cancel) Help	□ Specify Raw Devices	Mapping File		Browse	inish)
)		2 Back		

Database Conf	figuration Assistant, St	ep 7 of 12 : Database File Lo	cations	_ 🗆 🗙
	Specify locations for the Data C Use Database File Locatio I Use Common Location fo Database Files Location:	base files to be created: ons from Template r All Database Files /u01/app/oracle		Browse)
	Ollise Oracle-Managed File			
Y Kaping Salarian Ngang Salarian Watang Salarian	Database Area:			Browse)
1 May 102 Malantian	Multiplex Redo Logs an	d Control Files)		
And State St	1 you want to specify above options and us	different locations for any database e the Storage page to specify each lo	files, pick either ication. File Location \	of the /ariables)
Cancel Help		(<u> </u>	<u>N</u> ext ≫) (Einish
选择立例安生位署				

选择买例安装位置

选择" Use Common Location for All Database Files", 点击"Next"继续

Database files location: \$ORACLE_BASE 8798 B

	Specify Flash Recovery Area	
	This is used as the default fo for automatic backup using E files and recovery files be loc performance.	r all backup and recovery operations, and is also required nterprise Manager. Oracle recommends that the database ated on physically different disks for data protection and
	Flash Recovery Area:	{ORACLE_BASE}/flash_recovery_ Browse)
Napatipakkensen Napatipakkensen Maratipakkensen	Flash Recovery Area Size:	2048 M Bytes
Happenselagiadarina Happen	Enable Archiving	Edit Archive Mode Parameters)
		File Location Variables

不使用 Flash Recovery Area, 点击"Next"继续

Database Co	onfiguration Assistant, Step 9 o	of 12 : Database Content
	Database Components Custom	Scripts
_	Select the components you want to co tablespace in which you want the con disabled are either not installed or d	onfigure for use in your database. Provide the nponent to reside. Components which appear epend on components which are not selected.
	🗌 Oracle Data Mining	XLAZYZ
	□ Oracle Text	SYSAUX
	C Oracle OLAP	XUAZYZ
	Oracle Spatial	SYSAUX.
	🗖 Oracle Ultra Search	SYSAUX
	🗆 Oracle Label Security	SYSTEM -
	□ Sample Schemas	SYSAUX
	Enterprise Manager Repository	XUAZYZ
		Standard Database Components)
Cancel Help		🔇 Back Next >

取消不需要的组件

	Memory Sizing	Character Sets	Connection Mode
	Typical - Allocate memory as a Percentage: 40 Show	percentage of the total Memory Distribution	physical memory (1740 MB)
	O Custom		
	Shared Memory Management:	CAutomatic C Manua	al
	SGA Size	492	M Bytes V
	PGA Size:	164	M Bytes 👻
	empty parameters, if a	any.	s size and the defaults for the
	All Initialization Parameters)		
Cancel Help		(∢ Ba	uck Next >> Einish

设置内存,此处可以默认,安装完成后根据实际情况或根据设计调整。

Database Confi	guration Assista	nt, Step 10 of I	2 : Initialization	n Parameters	
Database Confie	Memory A block is the sma once the database Block Size: 81: Specify the maxim simultaneously con greater (5 for the Processes: 15(nt, Step 10 of 1	Character Sets for allocation and f rating system user p ise. The value of this ses plus 1 for each	Connection Mode or I/O. It cannot be o rocesses that can be parameter must be user process).	hanged
Cancel Help	All Initialization Par	rameters)	ि हेव	ck Next >	Einish

Block Size 大小需根据实际需求或根据详细设计指定, processes 可在实例创建后调整。

Database Character Set Use the default The default character set for this database is based on the language setting of this operating system: WE8ISO8859P1. Use Unicode (AL32UTF8) Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups. Choose from the list of character sets Database Character Set: ZHS16CBK - CBK 16-bit Simplified Chinese National Character Set: All Initialization Parameters		Memory	Sizing	Character Sets	Connection Mode
 Use the default The default character set for this database is based on the language setting of this operating system: WE8ISO885 9P1. Use Unicode (AL32UTF8) Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups. Choose from the list of character sets Database Character Set: ZHS16CBK - CBK 16-bit Simplified Chinese National Character Set: AL16UTF16 - Unicode UTF-16 Universal character set Default Language: American Default Date Format: United States 		– Database Character :	Set ———		
 The default character set for this database is based on the language setting of this operating system: WE8ISO8859P1. Use Unicode (AL32UTF8) Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups. Choose from the list of character sets Database Character Set: ZHS16CBK - CBK 16-bit Simplified Chinese National Character Set: AL16UTF16 - Unicode UTF-16 Universal character set Default Language: American Default Date Format: United States 	-	OUse the default			
C Use Unicode (AL32UTF8) Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups. Choose from the list of character sets Database Character Set: ZHS16GBK - CBK 16-bit Simplified Chinese National Character Set: AL16UTF16 - Unicode UTF-16 Universal character set Default Language: American Default Date Format: United States All Initialization Parameters		The default charac operating system:	ter set for thi: WE8ISO8859I	s database is based °1.	d on the language setting of thi
Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups. Choose from the list of character sets Database Character Set: ZHS16GBK - GBK 16-bit Simplified Chinese National Character Set: AL16UTF16 - Unicode UTF-16 Universal character set Default Language: American Default Date Format: United States All Initialization Parameters		O Use Unicode (AL32	UTF8)		
Choose from the list of character sets Database Character Set: ZHS16GBK - GBK 16-bit Simplified Chinese National Character Set: AL16UTF16 - Unicode UTF-16 Universal character set Default Language: American Default Date Format: United States All Initialization Parameters	1	Setting character s language groups.	et to Unicode	(AL32UTF8) enable	s you to store multiple
Database Character Set: ZHS16GBK - GBK 16-bit Simplified Chinese National Character Set: AL16UTF16 - Unicode UTF-16 Universal character set Default Language: American Default Date Format: United States All Initialization Parameters All Initialization Parameters		Choose from the list	st of character	sets	
National Character Set: AL16UTF16 - Unicode UTF-16 Universal character set Default Language: American Default Date Format: United States All Initialization Parameters		Database Characte	er Set: ZHS	516GBK - GBK 16-I	oit Simplified Chinese
Default Language: American Default Date Format: United States All Initialization Parameters)		National Character Set:	AL16UTF:	16 - Unicode UTF-1	.6 Universal character set
Default Date Format: United States		Default Language:	American		
All Initialization Parameters)	,	Default Date Format	United Sta	ites	
All Initialization Parameters)		berdan bate ronnat.	Connection		
(All Initialization Parameters)					
		All Initialization Paramet	ers)		

字符集应根据应用需求或根据详细设计方案选取,不建议实例创建后修改字符集。

Database Config	juration Assistant, Step 10 of 12 : Initialization Parameters
	Memory Sizing Character Sets Connection Mode Select the mode in which you want your database to operate by default: © Dedicated Server Mode
	For each client connection the database will allocate a resource dedicated to serving only that client. Use this mode when the number of total client connections is expected to be small or when clients will be making persistent, long-running requests to the database. C Shared Server Mode Several client connections share a database-allocated pool of resources. Use this mode when a large number of users need to connect to the database simultaneously while efficiently utilizing system resources. The Oracle shared server feature will be enabled. Shared Servers specifies the number of server processes that you want to create when an instance is started up. Shared Server: Edit Shared Server Parameters
Cancel Help	All Initialization Parameters)
Database C	onfiguration Assistant, Step 12 of 12 : Creation Options
	Select the database creation options:
	☑ Create Database
	Save as a Database Template
	Name: Viliys
	Description:
	Generate Database Creation Scripts
	Destination //u01/app/oracle/admin/yllivs/scripts Browse
Cancel Help	C Back Next > Einish

01	Database Configuration Assistant, Step 12 of 12 : Creation Options	_ 🗆 🗙
	Database Configuration Assistant, Step 12 of 12 : Creation Options Database Configuration Assistant Image: Configuration Assist	Browse
Cancel	Help Database Configuration Assistant, Step 12 of 12 : Creation Options Database Configuration Assistant, Step 12 of 12 : Creation Options	Einish
	Database Configuration Assistant Database Configuration Assistant Database Configuration Assistant Database Configuration Assistant Database creation complete. Check the logfiles at /u01/app/oracle/product/10.2.0 /dbhome_1/cfgtoollogs/dbca/ylliys for details. Database Information: Global Database Name: ylliys System Identifier(SID): ylliys Server Parameter Filename: /u01/app/oracle/product/10.2.0/dbhome_1/dbs/spfil Note: All database accounts except SYS and SYSTEM are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts. From the Password Management window, unlock only the accounts you will use. Oracle Corporation strongly recommends changing the default passwords immediately after unlocking the account. Exit	Browse

第五部分:安装数据库监听

Oracle 账户下执行 netca



	ration Assistant: Listener Configuration, Listener 🗕 🗖 🗙
	For remote connections to be made to your Oracle database you must have at least one Oracle Net listener. Enter the name of the listener you want to create:
Cancel Help	Listener name: LISTENER
Oracle Net Configur	ation Assistant: Listener Configuration, Select P $=$ \bigcirc $>$
	You can configure the listener to accept connections over one or more protocols. Select which protocols you want to configure for this listener. Keep your configuration as simple as possible by configuring only the protocols you need.
	You can configure the listener to accept connections over one or more protocols. Select which protocols you want to configure for this listener. Keep your configuration as simple as possible by configuring only the protocols you need. Available Protocols Selected Protocols TCPS TCP IPC Image: Configure for the protocol sector for



Oracle Net Configuration Assistant: Welcome

	Welcome to the Oracle Net Configuration Assistant. This tool will take you through the common configuration steps, listed below. Choose the configuration you would like to do: Choose the configuration Listener configuration Chaming Methods configuration Local Net Service Name configuration Directory Usage Configuration		
Cancel Help	< <u>B</u> ack <u>N</u> ext ≫		
Oracle Net Configur	ation Assistant: Net Service Name Configuratioi 🗕 🗖		
	To access an Oracle database, or other service, across the network you use a net service name. The Oracle Net Configuration Assistant allows you to work with net service names resolved using local naming.		
35 E	Select what you want to do.		
	© Auu		
C/i	O Reconingure		
	OBeneme		
1 Mary	O Kename		
KOXO-KO	O Test		
Cancel Help)		

Oracle Net Configuration	tion Assistant: N	et Service Name Configuration 🗕 🗖
	Each Oracle databa Oracle database's s database name. En other service you w	use or service has a service name. An service name is normally its global ter the service name of the database or ant to access.
	Service Name:	Vilivs
Cancel Help		🔇 Back Next >

通常设置与 SID 名相同

Oracle Net Configurat	ion Assistant: Net Service Name Configuration 🗕 🗖
	To communicate with the database across a network, a network protocol is used. Select the protocol used for the database you want to access.
Cancel Help	Back

Oracle Net Configura	tion Assistant: Net Servi	ice Name Configuratioi 🗕 🗖 🗙
	To communicate with the database using the TCP/IP protocol, the database computer's host name is required. Enter the host name for the computer where the database is located.	
30 E	Host name:	192.168.28.130
	A TCP/IP port number is also standard port number should) required. In most cases the d be used.
Hilling Co.	• Use the standard port num	nber of 1521
	OUse another port number:	1521
Cancel Help) (3	Back Next >>

尽量用计算机名来记录

Oracle Net Configuration Assistant: Net Service Name Configuration

	You can verify that an Oracle database can be reached, using the information provided, by performing a connection test. Would you like to test that a connection can be made to the database? No, do not test Yes, perform a test
Cancel Help	Back





点击完成即可