<u>Machine</u> Devices	<u>H</u> elp						
Win2k3	C:\Documents and Settin Ele Edit Yew Favorites Back • O • f P	gs\Administrator\Deskto Iools Help earch 🌮 Folders 🕼 🕼	ıp\win32_11gR2_database\wi	Host Name: n32_11gR2_databa	VM-1	NIN2K3	2
~	Address C:\Documents and	Settings\Administrator\Deskto	op\win32_11gR2_database\win32_	11gR2_database\datab	ase	C G	· 4
Marley.Jocal Mozilla Firefox win32_11gR	Poders Posktop Wrzk3	value		File Folder File Folder File Folder File Folder File Folder	26.03.2010 13:42 02.04.2010 11:15 02.04.2010 12:46 03.2010 12:46 03.2010 12:46 03.2010 12:46	A A A	O O NTFS NTFS
🥂 Start 🛛 🚱 🍎	Image: C:\Documents and statements and statement	ie					Recycle Bin

1. Запустите инсталляцию

	CONDOCUMENTS and Settings) (Oracle Database 11g Release 2	dministrator (Deskton) win32_1 Installer - Installing database -	HOST Name: 1992 database/win32 11992 databa Step 1 of 9	VM-WIN2K:	
	Configure Security Updates	5		ORACLE 118	: 2
	Configure Security Updates	Provide your email address to be in and initiate configuration manager.	formed of security issues, install the produc <u>View details</u> .	t	r
) irefox 1gR	Grid Installation Options Install Type Typical Installation Prerequisite Checks Summary. Install Product Finish	Emeil: ✓ I wish to receive security upda My <u>O</u> racle Support Password:	Easier for you if you use your My Oracle Su tes via My Oracle Support.	jpport email addressAusername.	O O ; NTFS ; NTFS
	Справка		< <u>Н</u> азад <u>Следующий ></u>	<u>Г</u> отово Отмена	

2. Снимите галочку с позиции «I wish to...»

			Host Name:	VM-WIN2K3	_
	C Documents and Settings	Administrator/Deckton/wio32_1 2 Installer - Installing database -	toP2_databace\win32_11oP2_databar Sten 1 of 9	n) datab	X
3 C	onfigure Security Update	25		ORACLE 11g	: 2
	Configure Security Updates	Provide your email address to be in and initiate configuration manager.	formed of security issues, install the product View details.		'r
ocal 🕠	Installation Option	Emoil			0
)	Grid Installation Options	L <u>III</u> on.	Easier for you if you use your My Oracle Sup) oport email address/username.	0
	k Install Type				
efox	Typical Installation	wish to receive security upda	es via My Oracle Support.		
	Prerequisite Checks	My Oracle Support Password:			
	Summary				
	Install Product				
R	Finish				NTES
					NTES
	Справка		< <u>Н</u> азад <u>С</u> ледующий »	<u>Г</u> отово Отмена	1 🥁
				100	🔲 🕑 Dervda
					Recycle

3. Оставьте эти поля пустыми

	And the bid and a feating the back in the back of a first of the bid and a local data from	Installer – Installing database – Step	1 of 9		i .
n2k3	Configure Security Updates			TABASE 118	: 2
3	Configure Security Updates	Provide your email address to be inform and initiate configuration manager. <u>View</u>	ed of security issues, install the product <u>/ details</u> .	-	'I'
	Installation Option	E <u>m</u> ait			0
3	Grid Installation Options	Easi	er for you if you use your My Oracle Support e	mail address/username.	0
2	Typical Installation	I wish to receive security updates vi	a My Oracle Support.		
=rerox	Prerequisite Checks Email Add	ress Not Specified		×	
7	Summary				
	🖞 Install Product 💽	You have not provided an email add	iress.		
rigk	O Finish	Do you wish to remain uninformed	of critical security issues in your configuration?		NTES
					NTES
			Yes No		
	·				

4. Нажмите «ОК»

<u>Machine</u> De	evices	Help	6								
Win2k3		Sel	racle Database 11g Release	Administratovi Dack 2 Installer - Installir	tos) mio32–114 g database - S	tep 2 of 9	Host Name		VM-WIN2		
Marley.local		Ĭ	Configure Security Updates	Select any of the	following install o onfigure a databa	ptions. se				•r •0	
Mozilla Firefox		****	Grid Installation Ontions Install Type Typical Installation Prerequisite Checks Summary. Install Product	Install databa Upgrade an e	se software only xisting database					0	
win32_11gR	8	-	Finish							; NTFS ; NTFS	
			Спрдека			< <u>Н</u> азад	<u>С</u> ледующий >	<u>[</u> 07080	Отмена]
										Recycle	Bin
🏄 Start 🛛 🚺	3 🏉	3	C:\Documents and Settin	🚽 👙 Oracle Databa	se 11g				90 f [🔤 🗞 🔗	14:14 Ctrl

5. Сначала устанавливаем системное ПО

J	🛓 Oracle Database 11g Release 2	Installer - Installing database - Step 3 of 9		× i
3	Grid Installation Options		DATABASE 11g	: 2
	Configure Security Updates	Select the type of database installation you want to perform.		٩r
ocal	Installation Option	Single instance database installation		0
	Grid Installation Options	O Real Application Clusters database installation		0
)	M Install Type			
efox	Typical Installation			
-	Summary			
l.	Install Product			
gR	Finish			
				NTE
				, MTE
-				
	Справка	< <u>Н</u> азад <u>Следую</u>	ощий » [отово Отмена	」 ┞ (
-				

6. Выбрали одиночный инстанц

Machine Devices Help Host Name: VM-WIN2K3 1000 👙 Oracle Database 11g Release 2 Installer - Installing database - Step 4 of 10 ORACLE 118 Select Product Languages 1 r Select the languages in which your product will run. Availes languages: Arabic Bengali Brazilian Portuguese Bulgarian Canadian French Catalan Croatian Czech Danish Dutch Egyptian Selected Languages: English Russian larley.loca 0 Grid Installation Option Grid Installation Options Product Languages Database Edition 0 pzilla Firefo Database Edition 1 > 8 < NTES Egyptian English (United Kingdom) Estonian NTES Finnish French German Greek Hebrew Hungarian « <u>Н</u>азад <u>Следующий »</u> <u>Готово</u> Отмена Справка 2 🐮 Start 📔 🧭 🍘 📔 🏠 C:\Documents and Settin... 🤹 Oracle Database 11g ... EN 📸 🔗 14:15 🕥 💿 🗗 🛄 🚺 🔇 💽 Right Ctrl

7. Язык выбран

🔊 🗖	C Documents and Settings () Oracle Database 11g Release 2)	deviet cashe and the second state of the secon	1 .
alla Firefox			: 2 ir 0 0
	Справка	< Назад Следующий > Готово Отмена	Recycle Bin

8. Выбираем тип установки в зависимости от имеющейся лицензии. Для ASNext достаточно Standart Edition One

	Process in the second	Host N	lame: VM-WIN2K3	a
	Oracle Database 11g Releas	e 2 Administrator Destron win 27, 11 of 2, det chere win 12, 11 of 2 e 2 Installer - Installing database - Step 5 of 10		11
Win2k3	Select Database Edition		DATABASE 118	: 2
S	Configure Security Updates	Which database edition do you want to install?		r
rley.local	A Installation Option	hoose Components	X	0
~	Grid Installation Options	Component Name	plability, performance, critical applications.	0
	Product Languages	Oracle Partitioning		
la Firefox	🔎 Database Edition 🛛 💆	Oracle OLAP		
	Vinstallation Location	Oracle Data Mining RDBMS Files	enterprise-class	
-	🔶 Prerequisite Checks 🗌	Oracle Database Vault option	capabilities.	
	Summary	Oracle Real Application Testing Oracle Database Extensions for NET		
_11gR	Install Product		on ideally suited to the	
	U Finish			NTFS
				NTES
			h Oracle Enterprise	
		Reast Datautta Salact All Da Salact All		
			Select Options	
	Справка	< <u>Н</u> азад Следующ	ий » [отово Отмена	
				9
				Recycle E

9. Выбираем компоненты (только для Enterprice Edition)

The ordere bacabase Try Release 21	nstaller - Installing database - Step 6 of 10	
Specify Installation Location		1 g
Configure Security Updates	Specify an Oracle base path to place all Oracle software and configuration-related files. This location is th Oracle base directory.	ie -
Grid Installation Options	Oracle Base: C:VOracleDB Administrator	owse
Product Languages		
Database Edition	Specify a location for storing Oracle software files. This location is the Oracle home directory.	
Prerequisite Checks	Software Location? C:\OracleDB\Administrator\product\11.2.0\dbhome_1	o <u>w</u> se
Summary		
Install Product		
Ú Finish		
Consers	c Hasan Changeoniet > Fornan Orr	
Справка		

10. Указываем путь до директории сервера

Machine Devices	Help		asconnect	ton conne -	new abconnect.	rou (1 5		
Scre Wini Virtua	enshot-Oracle 2k3 (Running) - Box OSE-3 png	088. 089. 090. 091. 092.	if (conne (Conso	.getDBConnec le.WriteLine	Host Name	:	VM-WIN2K3	
Win2k3 b Develo	erform Prerequisi	Release 2 Installer - I te Checks	nstalling database - else (Conso	Step 7 of 10			••••••••••••••••••••••••••••••••••••••	: 2
Marley.local	Configure Security Up Installation Option Grid Installation Option Product Languages Database Edition Installation Location Prerequisite Check Summary. Install Product Finish	dates Verifying have sele checking	that the target environm cted. This can take time.	ent meets minimum li Please wait.	nstallation and configur	ation requirement	s for products you	ir i0 0 ; NTFS ; NTFS
n Start 1 @ 2	Cnpaska	d Settin	Database 11g	< Назад	⊆ледующий >)	<u>[07080</u>	Отмена	Racyde Bin
			succedase rry					14:10

11. Устанавливаем

Cracle Database 11g Release 2	udaninista atau Daekkan yuno 22-11 a.022 atatabasa yuno 22-11 a.022 atatabasa yata at 1 Installer - Installing database - Step 8 of 10
Summary Cal • Configure Security Updates Installation Option • Orid Installation Options • Product Languages Database Edition • Product Languages • Product Lecks • Summary • Installation Location • Installation Product • Product Lecks • Product Lecks • Product Lecks • Product Lecks • Product Lecks	Coracle Database 11g Release 2 Installer Cobol settings Disk space: required 3,27 GB available 13,2 GB Source location: C:VoracleDBVAdministrator/Desktoptwin32_11gR2_databasestwin32_11g O O Voracle DBAdministrator Software location: C:VoracleDBVAdministrator/product111.2.0Vabhome_1 Inventory location: C:VoracleDBVAdministratory Inventory location: C:VoracleDBVAdministratory NTFFS NTFFS
	Seve Response File

12. Установили

	Oracle Database 11g Release 2	dministrator/Deckton/win32_11c92_database/win32_11c9 Installer - Installing database - Step 9 of 10	
	Install Product		
	Configure Security Updates	Progress	,r
	Installation Option	10%	
	Grid Installation Options	Loading products. Please wait.	o l
	Product Languages		
	A Database Edition	-Status	
rox	Installation Location	Status	
	Prerequisite Checks	Oracle Database Installation Prepare	In Progress Succeeded
	Summary	Copy files	Pending
	Install Product	Setup files	Pending
	U Finish		i NTF
			Details Retry Stop
	Справка	Казад Следую	мий» Готово Отмена

13. Далее подготавливается установка базы данных. Устанавливаем.

	Concurrente and Settinge Oracle Database 11g Release	Administrator's Deckton's min 32.11 oB 2. databara's min 32.11 oB 2.10	
3 Fi	nish		g . 2
	Configure Security Updates	The installation of Oracle Database was successful.	r
ocal 🕠	Linstallation Option	Note:	0
4	& Grid Installation Options	Your database configuration files have been installed in C:\OracleDB\Administrator while other components	selecter 0
y 13	Product Languages		
efox	L Database Edition		
	Installation Location		
	Prerequisite Checks		
	Summary		
gR	Install Product		NTES
6) Finish		NTES
	Справка	< <u>Назад</u> <u>Следующии ></u> <u>Тотово</u> <u>Закр</u>	

14. Установили. Далее идем в меню «Oracle»-«Configuration and Migration Tools», запускаем Database Configuration Assistant и ставим БД (можно это сделать из командной строки):

🔤 C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 5.2.3790] (C) Copyright 1985-2003 Microsoft Corp.
C:\Documents and Settings\Administrator>netca
Oracle Net Services Configuration: Oracle Net Services configuration terminated by user. The exit code is -1
C:\Documents and Settings\Administrator>netca
Oracle Net Services Configuration: Configuring Listener:LISTENER Default local naming configuration complete. Listener configuration complete. Oracle Net Listener Startup: Running Listener Control: C:\OracleDB\Administrator\product\11.2.0\dbhome_1\bin\lsnrctl start LISTEN ER Listener Control complete. Setting Listener service to start automatically. Listener started successfully. Oracle Net Services configuration successful. The exit code is 0
C:\Documents and Settings\Administrator>dbca

15. Из командной строки запустили Database Configuration Assistant

Database Configuration Assis	tant : Welcome	
	Welcome to Database Configuration Assistant for Oracle database. The Database Configuration Assistant enables you to create a database, configure databas options in an existing database, delete a database, and manage database templates.	e
Cancel Help	S Back Next >>	

Database Configuration Assist	ant, Step 1 of 12 : Operations	
	Select the operation that you want to perform:	
	Create a Database	
	C Configure Database Options	
	C Delete a Database	
	C Manage Templates	
	ASM configuration operations must be performed using Automatic Configuration Assistant (ASMCA) from Oracle Grid Infrastructure h	: Storage Management ome.
Cancel Help	Back	ext >>)

16. Выбрали

Database Configuration Assis	tant, Step : Template database necessar after data	2 of 12 : Database Templates s that include datafiles contain pre-created databases. Th in minutes, as opposed to an hour or more. Use templat y, such as when you need to change attributes like block s base creation.	■ □ × ey allow you to create a new es without datafiles only when size, which cannot be altered
	Select	Template	Includes Datafiles
	0	General Purpose or Transaction Processing	Yes
	0	Custom Database	No
Y KALENDARD AND AND AND AND AND AND AND AND AND AN	9	Data Warehouse	Yes
Auran			
			Show Details)
Cancel Help		🔍 Back	Next >>

17. Выбрали GENERAL PURPOSE!

Database Configuration Assistant,	Step 3 of 12 : Databa	ise Identification	
An C dom)racle database is un Iain".	iquely identified by a Global Database Name, typically of the for	m "name.
Gloc	tabase is referenced	orci.mariey.local	
othe	r instance on this cor	mputer by an Oracle System Identifier (SID).	n any
SID:		orcl	
Cancel Help		🕓 Back 🛛 Next 🚿	

18. Указали имя базы данных и ее SID (идентификатор)

	Enterprise Manager	Automatic Maintenance Tasks
	🔽 Configure Enterprise Ma	nager
1	C Register with Grid Con	trol for centralized management
	Management Service	No Agents Found
6	Configure Database Configure Database Configure Database	ontrol for local management
	🗆 Enable Alert Notificat	ions
1	Outgoing Mail (SMTP)	Server:
	Recipient Email Addre	296:
┛,	🗆 Enable Daily Disk Ba	ickup to Recovery Area
1	Backup Start Time:	
	08 Username:	
	OS Password:	

19. Оставили как есть

O Use Different Administ	rative Passwords	
User Name	Password	Confirm Password
SYS		
SYSTEM		
DBSNMP		
SYSMAN		
Password:	****	
Confirm Password: 😽	****	

20. Указали пароль для всех системных имен



21. Продолжаем, пропускаем остальные окна по умолчанию, жмем Next...

Memory	Sizing	Chara	acter Sets	Connection Mode	
Typical					
Memory Size (SGA and PGA): 77	9 MB	ſ <u>,</u>	_	
Percentage:	40	%	250 MB		1949 MB
🔽 Use Automa	atic Memory Mana <u>c</u>	ement	Show Mer	nory Distribution)	
C Custom					
Memory Mana	gement Autom	atic Shared	d Memory Mar	nagement -	
SGA Size:	584		1	M Bytes	
PGA Size:	194			M Bytes	
Total Memory 1	for Oracle: 779 M	Bytes			
All Initialization Par	rameters)				
All Initialization Par	rameters)				

Database Configuration Assis	ant, Step 10 of 11 : Database Storage
⊖- <mark>Storage</mark> ∰ Controlfile	Database Storage
⊢Datafiles ID Coups	 From the Database Storage page, you can specify storage parameters for database creation. This page displays a tree listing and summary view (multi-column lists) to enable you to change and view the following objects: Control files Tablespaces Datafiles Rollback Segments Redo Log Groups From any object type folder, click Create to create a new object. To delete an object, select the specific object from within the object type folder and click Delete. Important: If you select a database template including data files, then you will not be able to add or remove data files, tablespaces, or rollback segments. Selecting this type of template enables you to change the following: Destination of the datafiles Control files or log groups. For more information, refer to the Oracle Database Storage Administrator's Guide.
Create Delete	File Location Variables)
Cancel Help	🔇 Back Next >> Einish

Database Configuration Assista	t, Step 11 of 11 : Creation Options	-O×
s T	elect the database creation options: Create Database Save as a Database Template Name: Description:	
	Generate Database Creation Scripts Destination Directory: C:\OracleDB\Administrator\admin\orcl\scripts	Browse
Cancel Help	Seck N	lext >) <u>Einish</u>

22. Жмем Finish, затем на следующем окне ОК, начинается установка базы

Management Automation ADDM for RAC	 Copying database files Creating and starting Oracle instance Completing Database Creation 	
 Automatic SQL tuning and memory management Advisors for 	Clone database creation in progress	
Streams, Partitioning, Repair	45% Log files for the current operation are located at: C:\OracleDBVAdministrator\cfgtoollogs\dbca\orcl	
	Stop	
tabase Configuration A	ssistant	
abase creation complete	. For details check the logfiles at:	

Database creation complete. Fo C:\OracleDB\Administrator\cfgt	or details check the logfiles at: pollogs\dbca\orcl.
Database Information: Global Database Name: System Identifier(SID): Server Parameter File name:	orcl.marley.local orcl C:\OracleDBVAdministrator\product\11.2.0\dbhome_1\database\spfileorcl.ora
The Database Control URL is h	ttps://vm-win2k3:1158/em
Management Repository has be encrypted. The encryption key f /dbhome_1/vm-win2k3_orcl/sys encrypted data will become unu	en placed in secure mode wherein Enterprise Manager data will be las been placed in the file: C:/OracleDB/Administrator/product/11.2.0 man/config/emkey.ora. Please ensure this file is backed up as the lsable if this file is lost.
Note: All database accounts except SYS, SYSTEM, DBSNMP, and SYSMAN are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts (except DBSNMP and SYSMAN). 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.	
	Password Management)
Exit	

Установка сервера закончена.

После установки сервера рекомендуется настроить резервное копирование (бэкапирование) базы данных. Регулярное горячее бэкапирование осуществляется с помощью регулярного (не реже раза в сутки) запуска bat-файла. При запуске файла выгружается вся база данных. Файл расположен в

директории D:\app\Base\oradp, называется expbase_dp.bat. Установка запуска этого файла через стандартный планировщик заданий Windows позволит производить регулярное горячее (без остановки сервиса БД Oracle) бэкапирование данных. Рекомендуется хранить суточный бэкап не менее 30 суток (после этого срока, как правило, актуальность этих данных утрачивается).