

Установка SAP ERP 6.0 EHP7 IDES ABAP

Дата: 12.07.2015
Платформа: Windows/ORACLE

Аппаратное обеспечение:

CPU: AMD FX-8320 (8 ядер; 3,8 ГГц)
ОЗУ: 16 Гб
HDD: 2 Тб (RAID0, 2 x WD 1 Tb 7200 rpm)

Операционная система:

Windows Server 2008 Server Enterprise x64 Edition R2 SP1 [ENG]

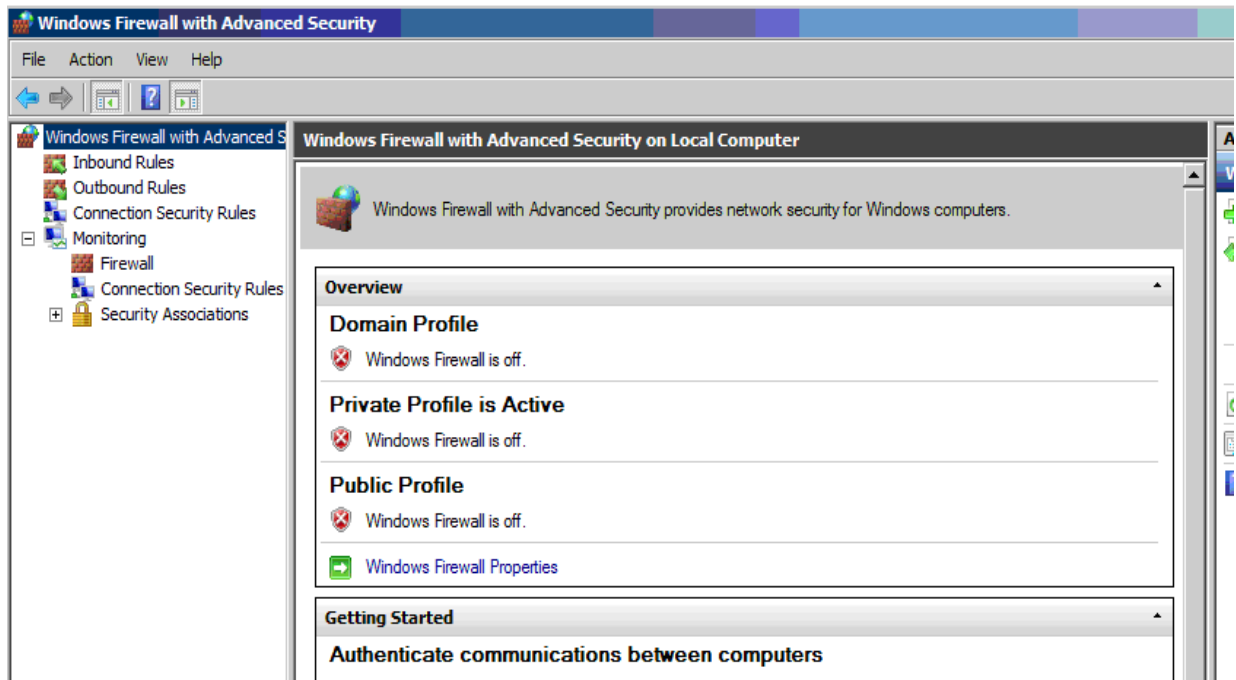
Установочные диски:

51049350	SAP Kernel 742 (for Windows x64)
51048312	IDES SAP ERP 6.0 EHP7 Installation Export
51042334	ORACLE 11.2.0.3 64-BIT RDBMS Windows on x64
51047747	Oracle CLIENT 11.2.0.3 V2
50121891	SAP ERP 6.0 EHP7 SPS03 Online Documentation

Документация:

- Master Guide SAP NetWeaver 7.4 (v. 1.4 от 23.07.2013)
- Installation Guide SAP Systems Based on the Application Server ABAP of SAP NetWeaver on Windows: Oracle (valid for SAP NetWeaver 7.1 to 7.4) (v. 2.0 от 27.04.2015)
- SAP note # 1524205 - Oracle 11.2.0: Database Software Installation
- SAP note # 1431800 - Oracle 11.2.0: Central Technical Note
- SAP note # 1631931 - Oracle 11.2.0: Patches / Patch collections for 11.2.0.3
- SAP note # 839182 - Oracle patch installation with OPatch
- SAP note # 2012989 - IDES ERP 6.0 incl. EHP7

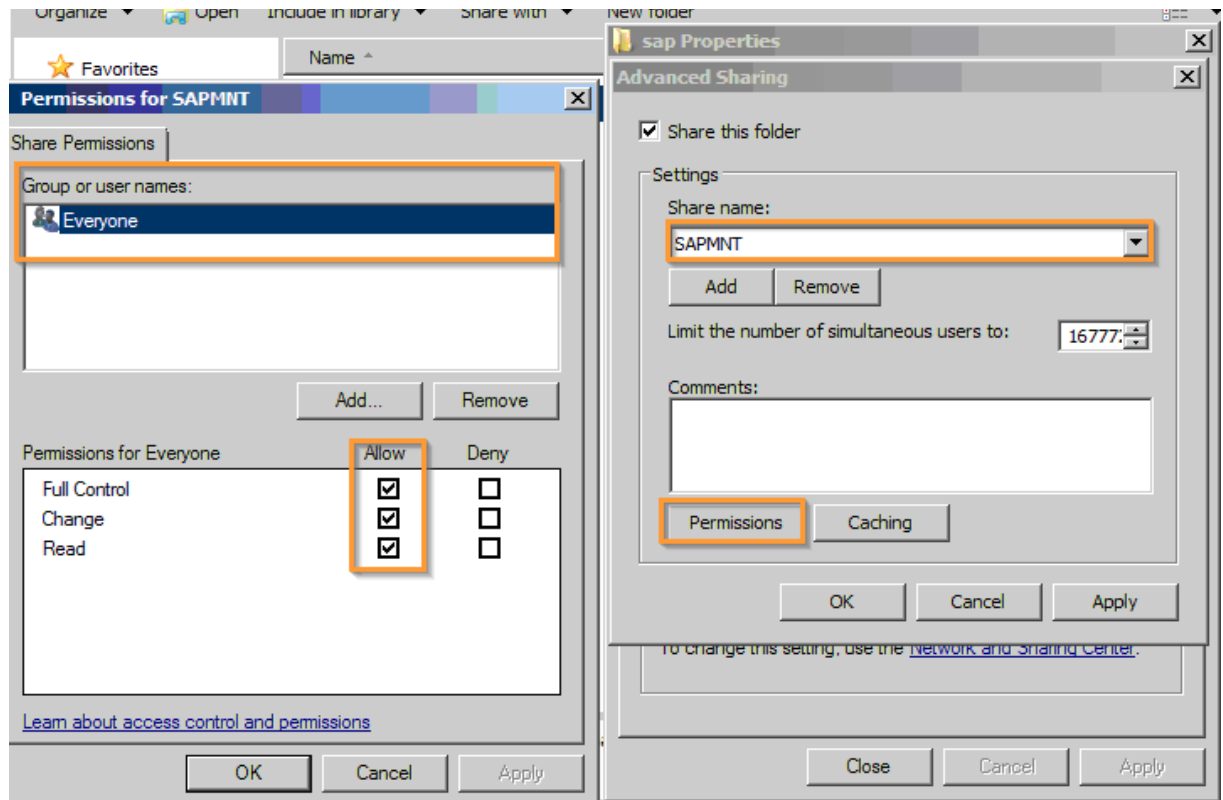
1. Отключение Windows Server Firewall. Выбрать пункт меню «Start -> Administrative Tools -> Windows Firewall with Advanced Security». Щелчок правой клавишей мыши на «Windows Firewall with Advanced Security» и выбор пункта «Properties». Отключение всех Firewalls.



2. Проверка того, что на всех дисках файловая система – NTFS.
3. Проверка, что логин в систему осуществлен под пользователем Administrator или пользователем, который входит в группу «Administrators».
4. Добавление в файл hosts строки:

10.50.50.45 sapedu01 sapedu01.educ.edu

здесь 10.50.50.45 – IP адрес сервера, а sapedu01 и sapedu01.educ.edu имя локального хоста без и с виртуальным доменом.
5. Создание транспортной директории D:\usr\sap\trans. Расширение директории sap с именем «SAPMNT» и выдача всем пользователям полномочий на запись.



6. Скачивание свежего архиватора SAPCAR для операционной системы MS Windows (<http://service.sap.com/patches> -> Support Packages and Patches -> Browse Our Download Catalog -> Additional Components -> SAPCAR).

Downloads

SAPCAR 7.21 -> Windows on x64 64bit

Select one or more files and click "Add to download basket". We recommend that you use the [SAP Download Manager](#) especially when downloading. Get more information about [multispanning and how to extract multi-part archives](#). Click on to request a [Side effects report](#).

The following objects are available for download:

	File Type	Download Object	Title
<input checked="" type="checkbox"/>	EXE	SAPCAR_0-80000938.EXE	SAPCAR

7. Дополнительно к установочным дискам скачивание последней версии Software Provisioning Manager 1.0 (SWPM 1.0) (<http://service.sap.com/sltoolset> -> Software Logistics Toolsets 1.0 -> Software Provisioning Manager 1.0 -> Downloads). Необходимо выбрать файл SWPM*.SAR. Подробности в SAP note 1680045 - Release Note for Software Provisioning Manager 1.0 или в посте - <http://sidadm.blogspot.ru/2013/04/sap-software-provisioning-manager-10.html>.

Downloads

SOFTWARE PROVISIONING MGR 1.0 -> Windows on x64 64bit

Select one or more files and click "Add to download basket". We recommend that you use the [SAP Download Manager](#) especially when downloading large files. Get more information about [multispanning and how to extract multi-part archives](#). Click on  to request a [Side effects report](#).

The following objects are available for download:

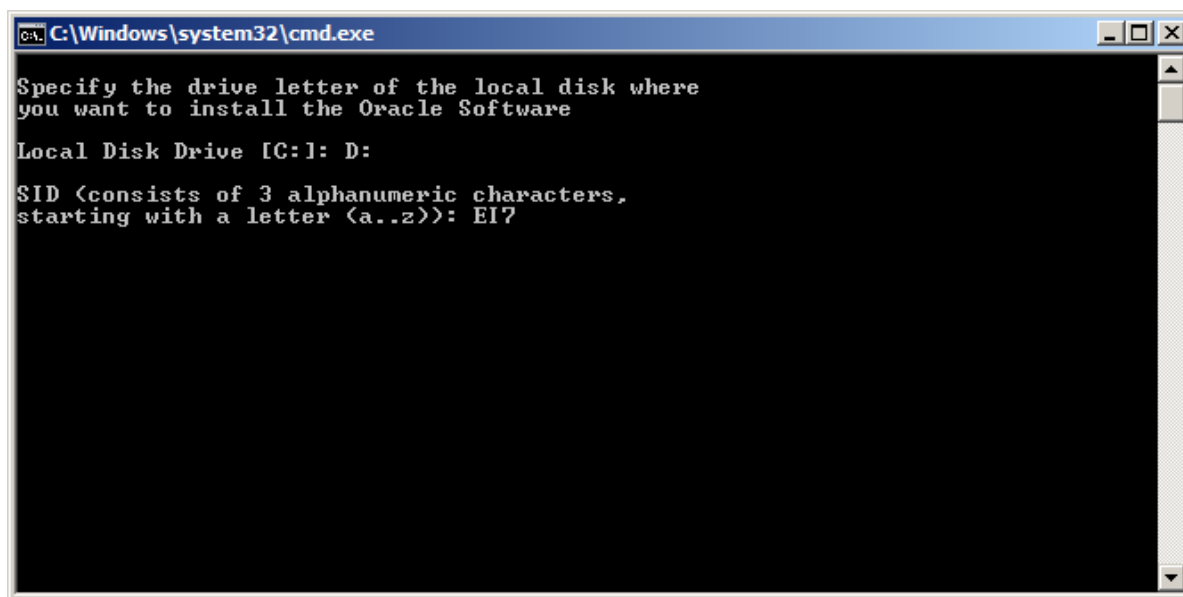
	File Type	Download Object	Title
<input type="checkbox"/>	SAR	70SWPM10SP06_0-20009707.sar	70SWPM10SP06
<input type="checkbox"/>	SAR	70SWPM10SP08_3-20009707.sar	70SWPM10SP08
<input type="checkbox"/>	SAR	SWPM10SP06_0-20009707.SAR	SWPM10SP06
<input checked="" type="checkbox"/>	SAR	SWPM10SP08_3-20009707.SAR	SWPM10SP08

8. Создание директории с распакованными установочными дисками.
9. Копирование архиватора SAPCAR и архива с Software Provisioning Manager 1.0 в директорию с установочными дисками. Распаковка архива из командной строки командой вида:

```
sapcar -xvf SWPM10SP08_3-20009707.SAR
```

10. Установка ORACLE 11.2.0.3
Запуск исполняемого файла 51042334\database\SAP\sapserver.cmd.

Указать локальный диск и SID базы данных для установки.



Oracle Database 11g Release 2 Installer - Installing database - Step 1 of 11

Configure Security Updates

Provide your email address to be informed of security issues, install the product and initiate configuration manager. [View details.](#)


Email:

Easier for you if you use your My Oracle Support email address/username.

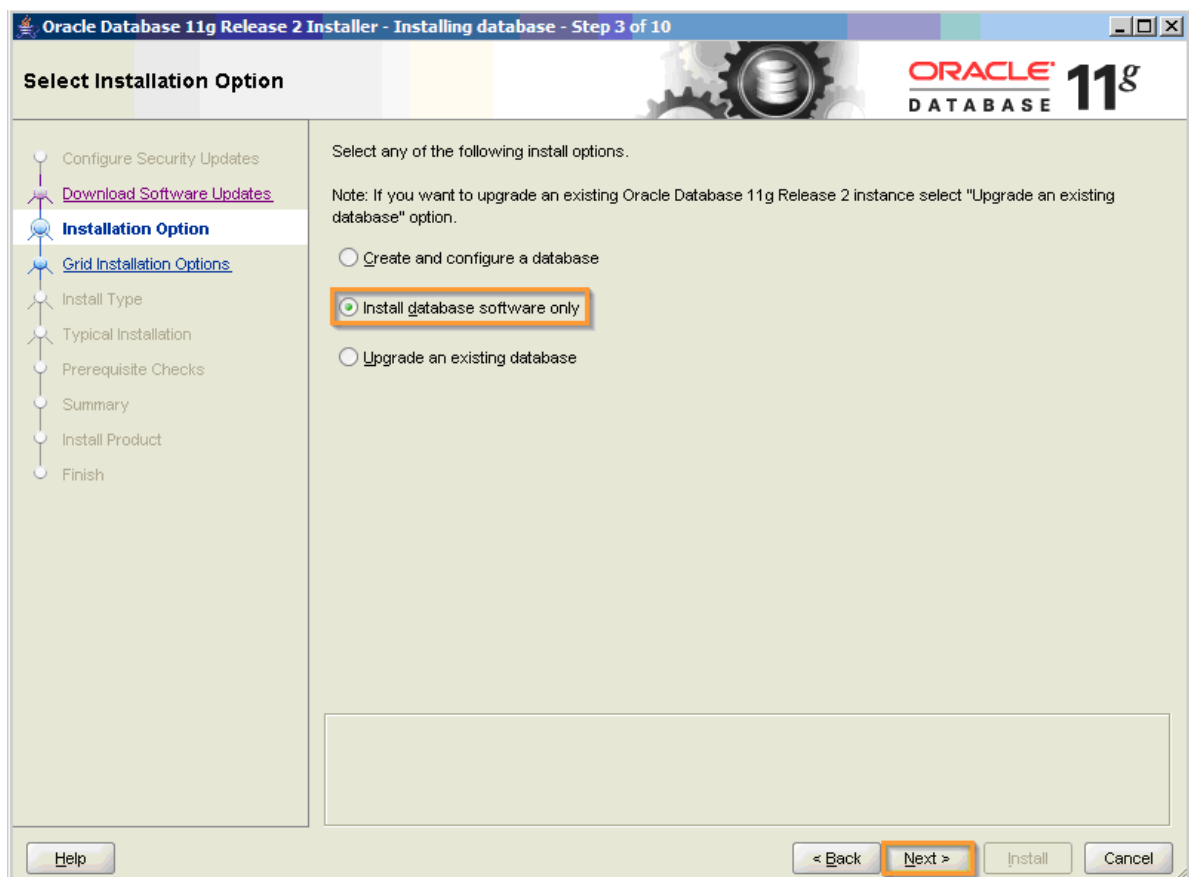
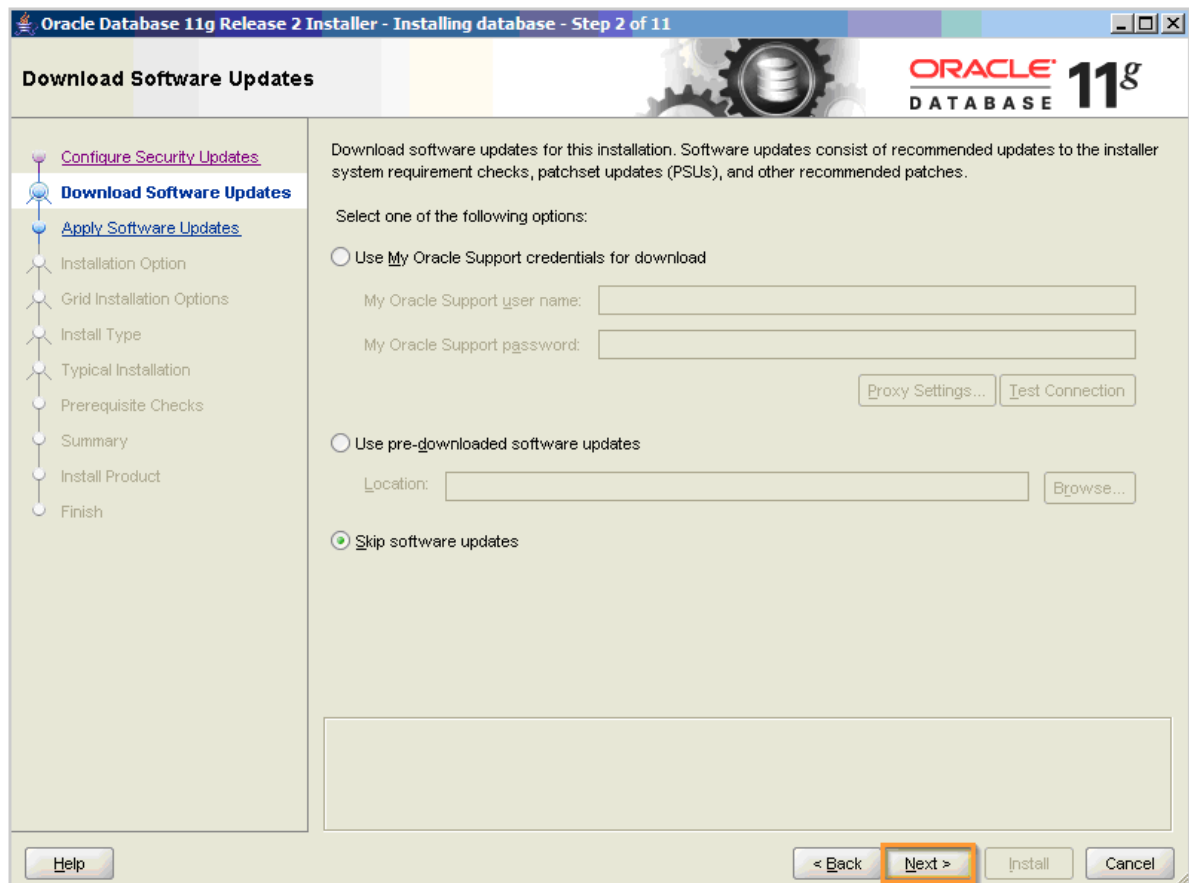
☐ I wish to receive security updates via My Oracle Support.

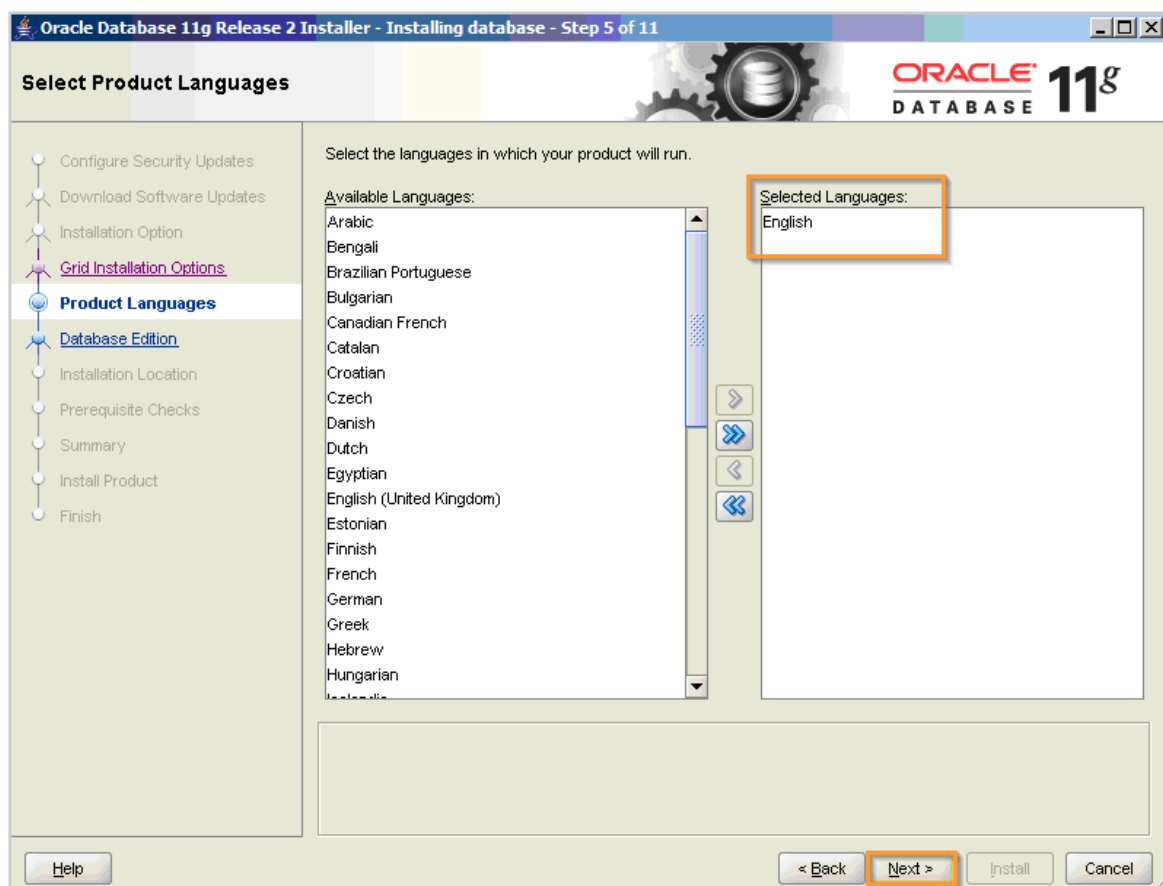
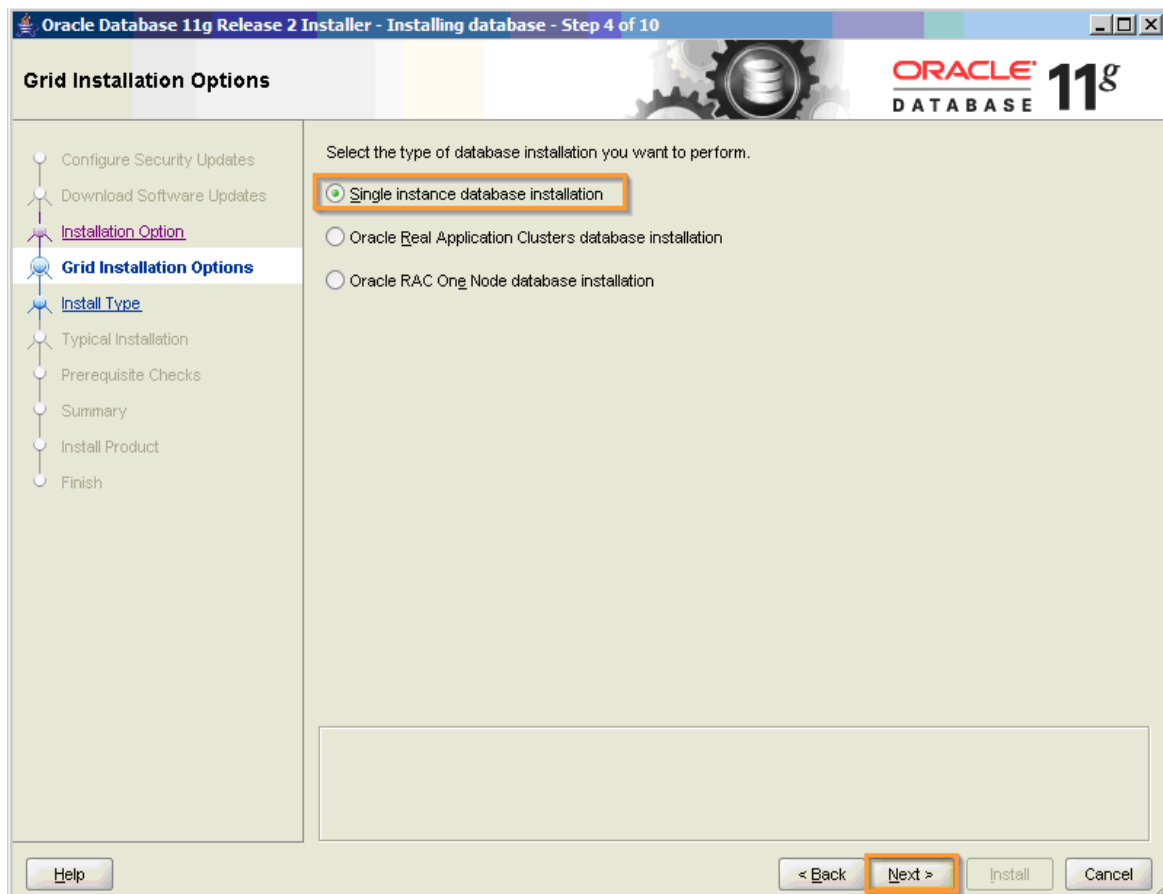
My Oracle Support Password:

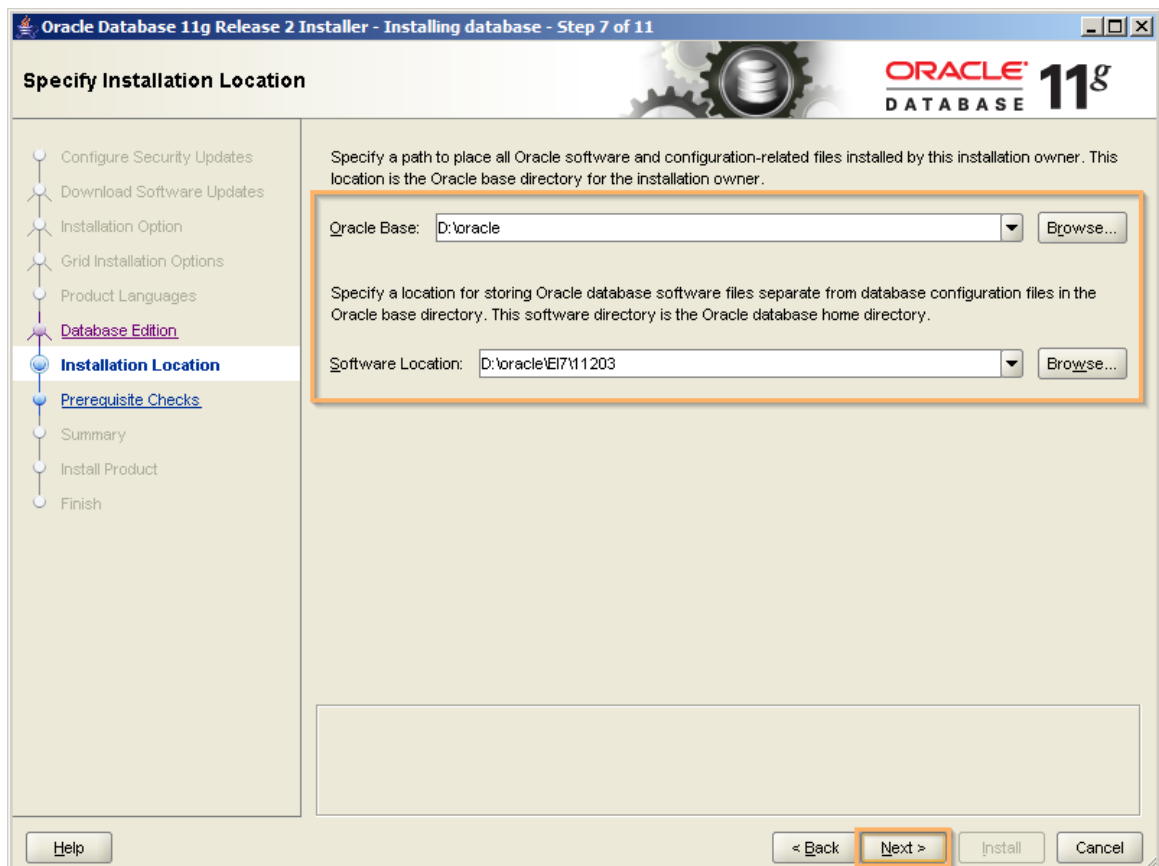
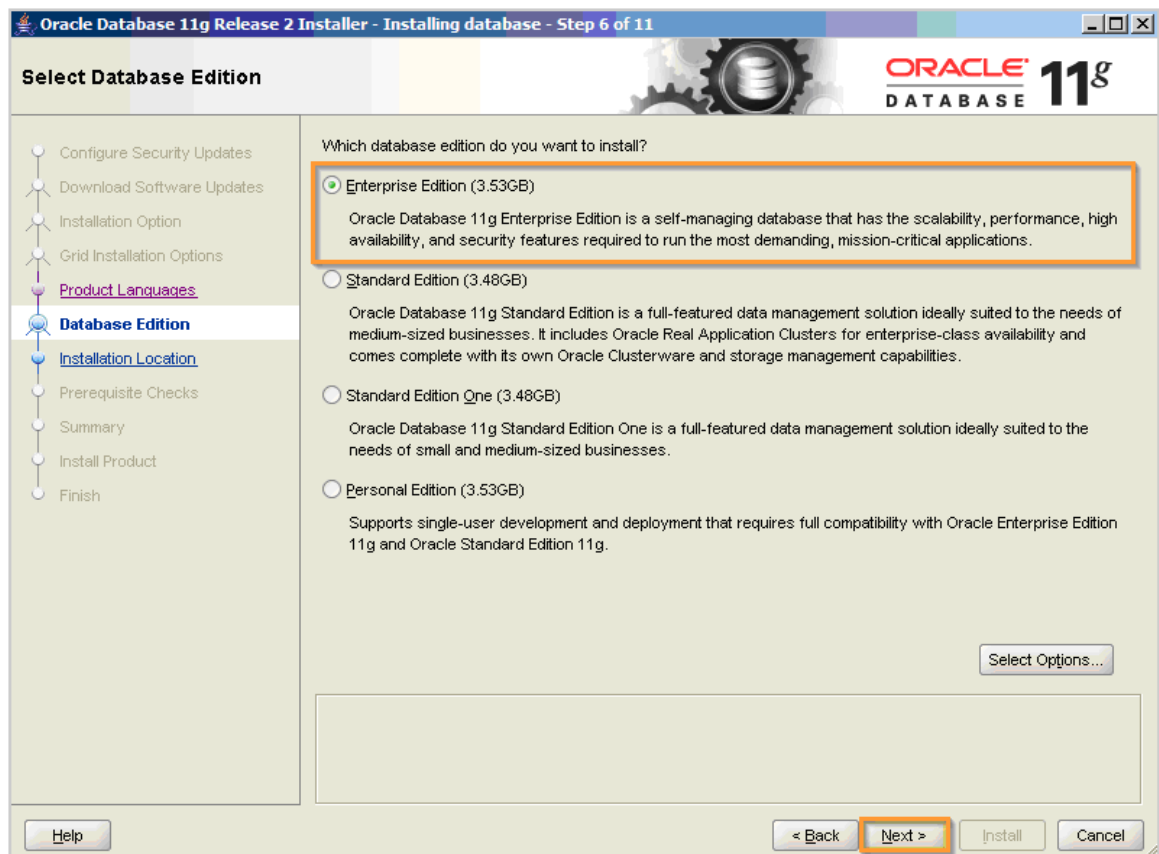
My Oracle Support Username/Email Address Not Specified

 You have not provided an email address.

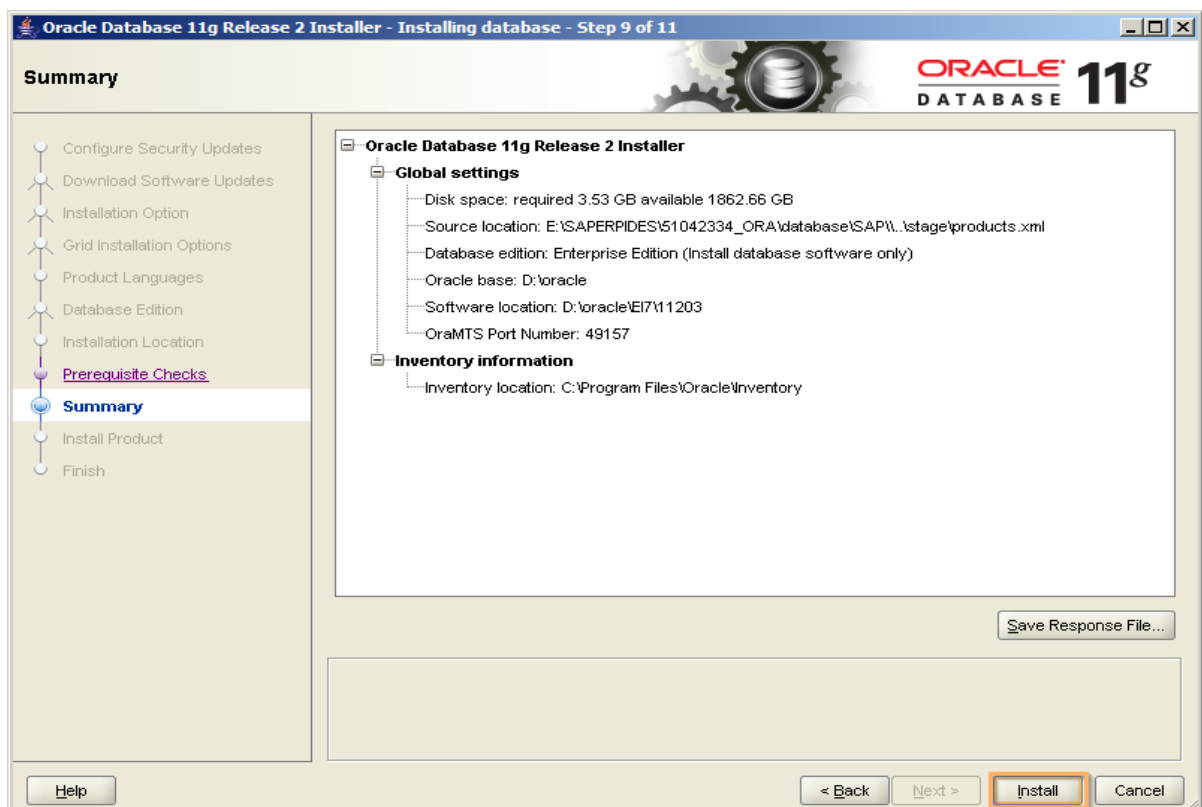
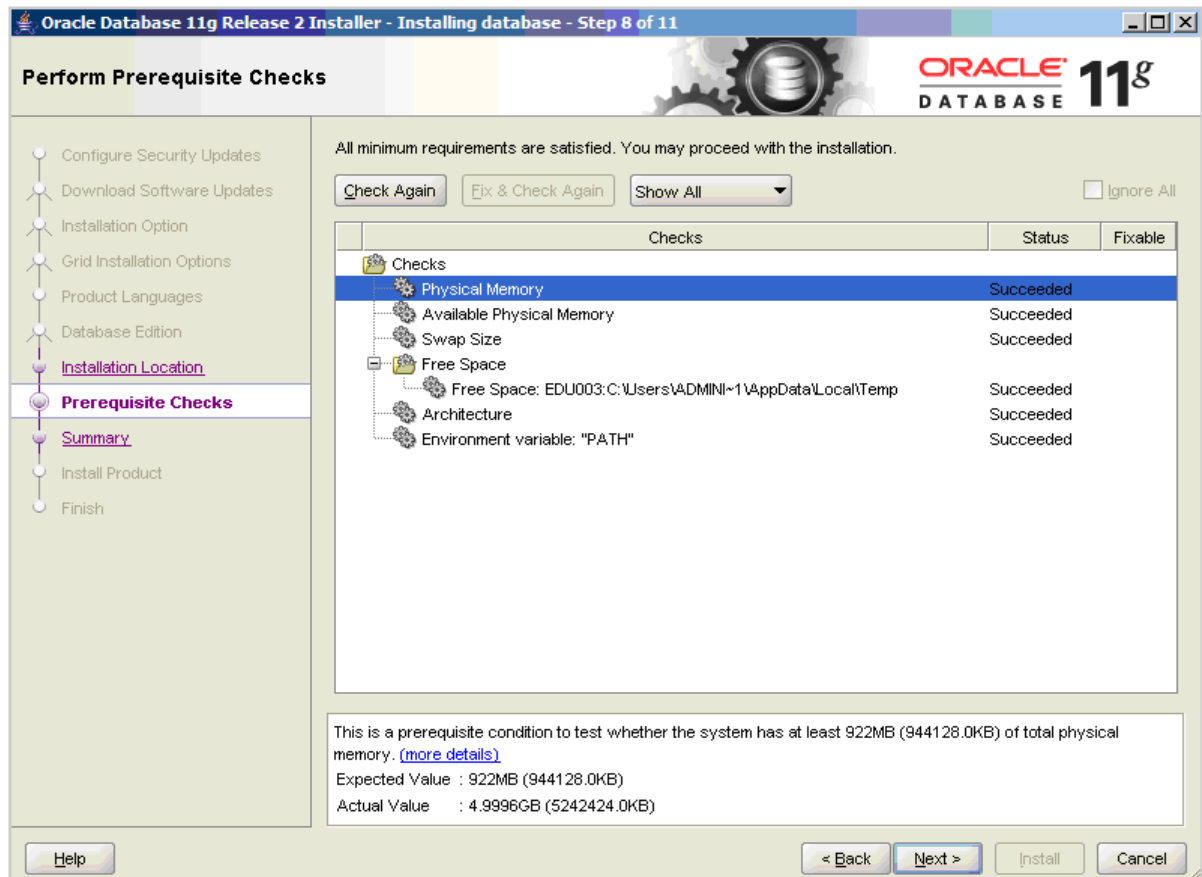
Do you wish to remain uninformed of critical security issues in your configuration?







Если есть ошибки после Prerequisite Checks, то исправить и повторить. Только после прохождения всех тестов, продолжать установку. Если ошибок не было изначально, то экран с этапом «Prerequisite Checks» пропускается установщиком.
Должно быть в итоге так:




11. Проверка необходимости установки Oracle patches по SAP Note # 1631931 - Oracle 11.2.0: Patches / Patch collections for 11.2.0.3.

Пакеты поддержки необходимо искать по ссылке «<http://service.sap.com/oracle-download> -> Database Patches -> Oracle -> Oracle 11.2.0.3 -> Database RDBMS».

В данном случае, скачивание 37-го bundle patch и всех доступных generic patches. Так же необходимо скачать последнюю версию утилиты OPatch для операционной системы Windows.

Копирование скаченных файлов в директорию для установки.

Downloads

Select one or more files and click "Add to download basket". We recommend that you use the [SAP Download Manager](#) especially when downloading large files or to schedule. Get more information about [multispanning and how to extract multi-part archives](#). Click on  to request a [Side effects report](#).

[Add to Download Basket](#)
[Maintain Download Basket](#)
[Select All](#)
[Deselect All](#)

The following objects are available for download:

	File Type	Download Object	Title
<input checked="" type="checkbox"/>	ZIP	P13508485GEN11203P_1-20010075.ZIP	Patch 13508485 for Windows
<input checked="" type="checkbox"/>	ZIP	P13575265GEN11203P_1-20010075.ZIP	Patch 13575265 for Windows
<input checked="" type="checkbox"/>	ZIP	P13724904GEN11203P_1-20010075.ZIP	Patch 13724904 for Windows
<input checked="" type="checkbox"/>	ZIP	P13962309GEN11203P_1-20010075.ZIP	Patch 13962309 for Windows
<input checked="" type="checkbox"/>	ZIP	P14658090GEN11203P_1-20010075.ZIP	Patch 14658090 for Windows
<input checked="" type="checkbox"/>	ZIP	P15996460GEN11203P_1-20010075.ZIP	Patch 15996460 for Windows
<input checked="" type="checkbox"/>	ZIP	P17259786GEN11203P_1-20010075.ZIP	Patch 17259786 for Windows
<input checked="" type="checkbox"/>	ZIP	P9584028GEN11203P_1-20010075.ZIP	Patch 9584028 for Windows
<input checked="" type="checkbox"/>	ZIP	P9656644GEN11203P_1-20010075.ZIP	Patch 9656644 for Windows
<input type="checkbox"/>	ZIP	PATCHBUNDLE11203P_36-20010075.ZIP	Windows Patch Bundle 36 with CPUJan2015
<input checked="" type="checkbox"/>	ZIP	PATCHBUNDLE11203P_37-20010075.ZIP	Windows Patch Bundle 37 with CPUApr2015

[Add to Download Basket](#)
[Maintain Download Basket](#)
[Select All](#)
[Deselect All](#)

Downloads

ORACLE PATCHES 11.2.0.3 -> # OS independent

Select one or more files and click "Add to download basket". We recommend that you use the [SAP Download Manager](#) especially when downloading large files. Get more information about [multispanning and how to extract multi-part archives](#). Click on  to request a [Side effects report](#).

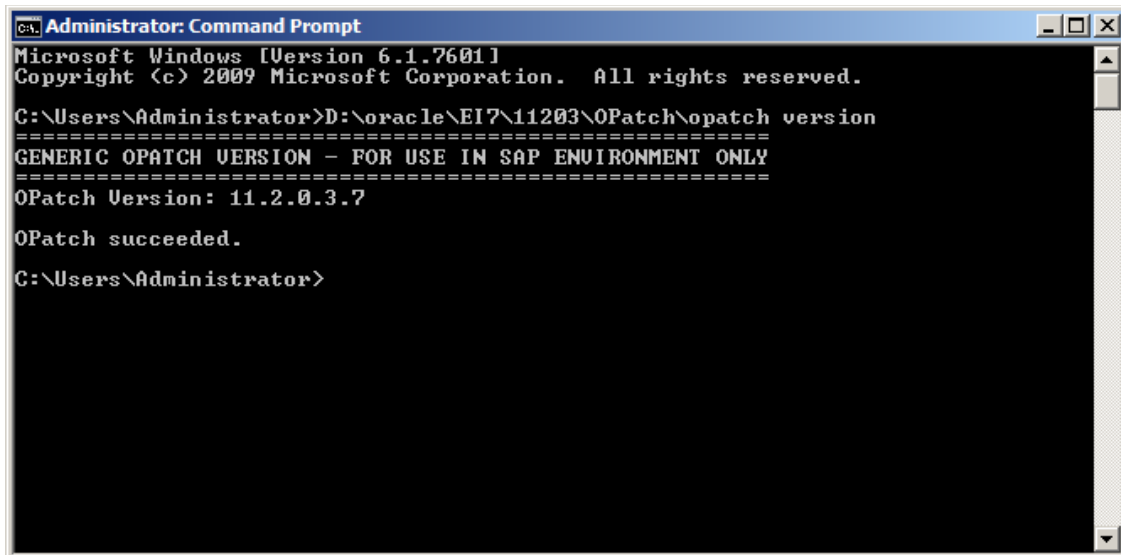
[Add to Download Basket](#)
[Maintain Download Basket](#)
[Select All](#)
[Deselect All](#)

The following objects are available for download:

	File Type	Download Object	Title
<input type="checkbox"/>	ZIP	MOPATCHP_7-20009976.ZIP	MOPatch 2.1.19
<input checked="" type="checkbox"/>	ZIP	OPATCHP_4-20009976.ZIP	OPatch 11.2.0.3.7

[Add to Download Basket](#)
[Maintain Download Basket](#)
[Select All](#)
[Deselect All](#)

Обновление утилиты OPatch. Распаковка архива с новой версией OPATCHP_4-20009976.zip. Удаление содержимого директории D:\oracle\E17\11203\OPatch. Копирование в директорию D:\oracle\E17\11203\OPatch содержимое директории OPatch из архива. В командной строке проверка версии утилиты:



```

Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>D:\oracle\EI7\11203\OPatch\opatch version
=====
GENERIC OPATCH VERSION - FOR USE IN SAP ENVIRONMENT ONLY
=====
OPatch Version: 11.2.0.3.7

OPatch succeeded.

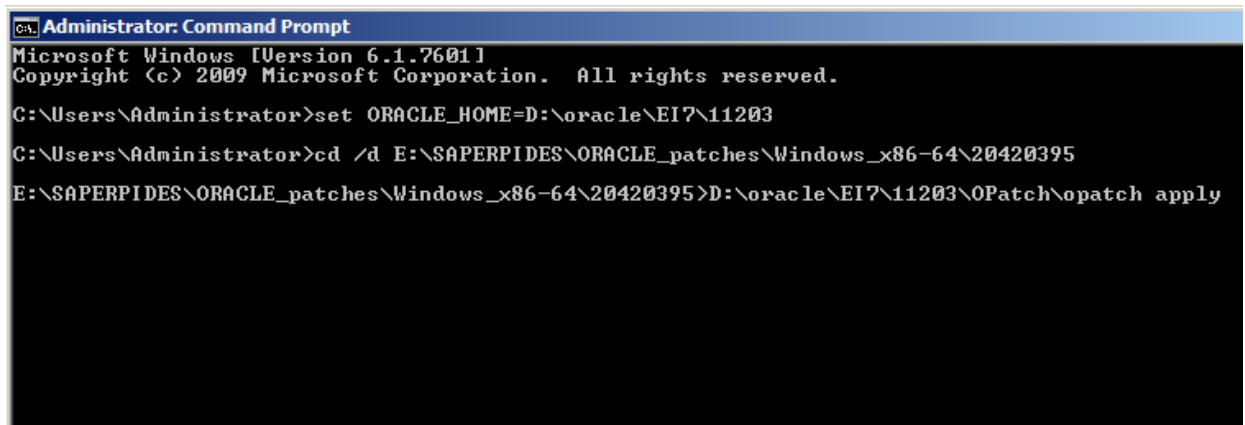
C:\Users\Administrator>

```

Распаковка архива PATCHBUNDLE11203P_37-20010075 с 37-м bundle patch.
 Перед установкой изучить файл README.HTM из архива.
 Остановка всех Windows-служб ORACLE и сервиса Distributed Transaction Coordinator.

Изменение переменной окружения PATH (добавление пути D:\oracle\EI7\11203\perl\bin; в начале переменной).

Вызов командной строки, установка переменной окружения ORACLE_HOME и запуск установки 37-м bundle patch-a.



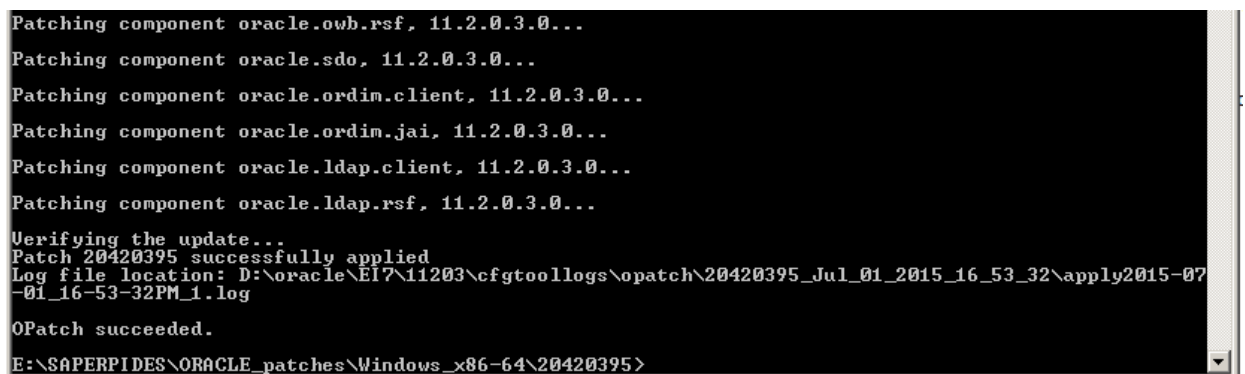
```

Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>set ORACLE_HOME=D:\oracle\EI7\11203
C:\Users\Administrator>cd /d E:\SAPERPIDES\ORACLE_patches\Windows_x86-64\20420395
E:\SAPERPIDES\ORACLE_patches\Windows_x86-64\20420395>D:\oracle\EI7\11203\OPatch\opatch apply

```

На вопрос о готовности к обновлению отвечать «Y».
 Дождаться окончания установки.



```

Patching component oracle.owb.rsrf, 11.2.0.3.0...
Patching component oracle.sdo, 11.2.0.3.0...
Patching component oracle.ordin.client, 11.2.0.3.0...
Patching component oracle.ordin.jai, 11.2.0.3.0...
Patching component oracle.ldap.client, 11.2.0.3.0...
Patching component oracle.ldap.rsrf, 11.2.0.3.0...
Verifying the update...
Patch 20420395 successfully applied
Log file location: D:\oracle\EI7\11203\cfgtoollogs\opatch\20420395_Jul_01_2015_16_53_32\apply2015-07-01_16-53-32PM_1.log
OPatch succeeded.

E:\SAPERPIDES\ORACLE_patches\Windows_x86-64\20420395>

```

Копирование всех generic патчей в отдельную директорию (архивы не распаковывать). Запуск

установки утилитой opatch с опцией -napply. На вопросы о продолжении установки патчей и о готовности к обновлению отвечать «Y». Дождаться окончания установки.

```

Administrator: Command Prompt
C:\Users\Administrator>D:\oracle\EI7\11203\OPatch\opatch napply E:\SAPERPIDES\ORACLE_patches\Windows
generic -skip_duplicate
=====
GENERIC OPATCH VERSION - FOR USE IN SAP ENVIRONMENT ONLY
=====
Oracle Interim Patch Installer version 11.2.0.3.7
Copyright (c) 2013, Oracle Corporation. All rights reserved.

Oracle Home      : D:\oracle\EI7\11203
Central Inventory : C:\Program Files\Oracle\Inventory
   from           : n/a
OPatch version    : 11.2.0.3.7
OUI version       : 11.2.0.3.0
Log file location : D:\oracle\EI7\11203\cfgtoollogs\opatch\opatch2015-07-01_17-19-01PM_1.log

Verifying environment and performing prerequisite checks...
Checking skip_duplicate
OPatch continues with these patches: 13508485 13575265 13962309 14658090 17259786 9584028 9656644

Do you want to proceed? [y;n]
y
User Responded with: Y
All checks passed.

Please shutdown Oracle instances running out of this ORACLE_HOME on the local system.
(Oracle Home = 'D:\oracle\EI7\11203')

Is the local system ready for patching? [y;n]
y
User Responded with: Y
Backing up files...
Applying interim patch '13508485' to OH 'D:\oracle\EI7\11203'
Patching component oracle.dbjava.ic, 11.2.0.3.0...
Patching component oracle.dbjava.jdbc, 11.2.0.3.0...
Verifying the update...
Applying interim patch '13575265' to OH 'D:\oracle\EI7\11203'
Patching component oracle.rdbms.lbac, 11.2.0.3.0...
Verifying the update...
Applying interim patch '13962309' to OH 'D:\oracle\EI7\11203'
Patching component oracle.rdbms.dv, 11.2.0.3.0...
Patching component oracle.rdbms.dbscripts, 11.2.0.3.0...
Verifying the update...
Applying interim patch '14658090' to OH 'D:\oracle\EI7\11203'
Patching component oracle.rdbms, 11.2.0.3.0...
Patching component oracle.rdbms.dbscripts, 11.2.0.3.0...
Verifying the update...
Applying interim patch '17259786' to OH 'D:\oracle\EI7\11203'
Patching component oracle.rdbms.dbscripts, 11.2.0.3.0...
Verifying the update...
Applying interim patch '9584028' to OH 'D:\oracle\EI7\11203'
Patching component oracle.rdbms, 11.2.0.3.0...
Verifying the update...
Applying interim patch '9656644' to OH 'D:\oracle\EI7\11203'
Patching component oracle.rdbms, 11.2.0.3.0...
Verifying the update...
Patches 13508485,13575265,13962309,14658090,17259786,9584028,9656644 successfully applied.
Log file location: D:\oracle\EI7\11203\cfgtoollogs\opatch\opatch2015-07-01_17-19-01PM_1.log
OPatch succeeded.

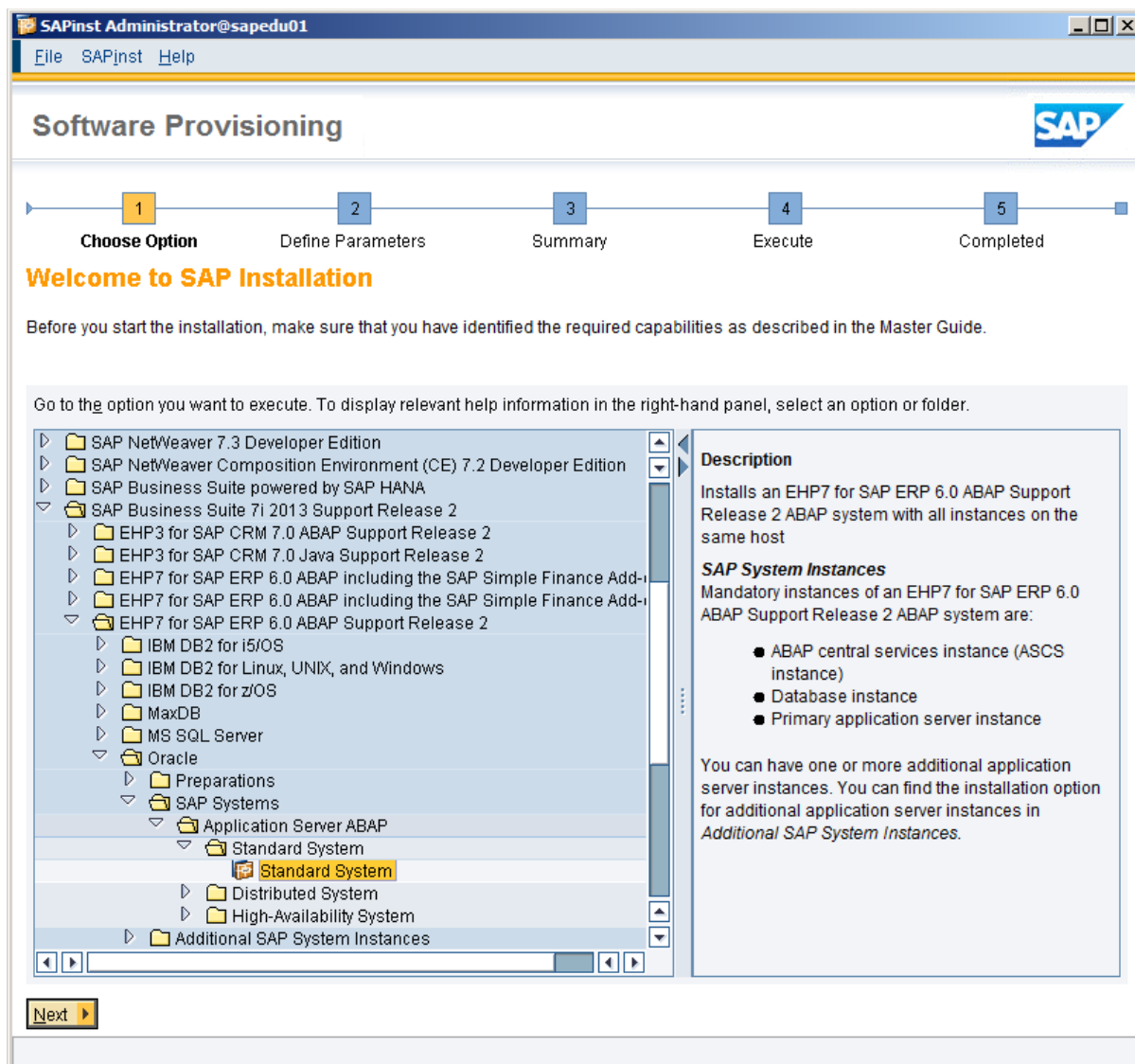
```

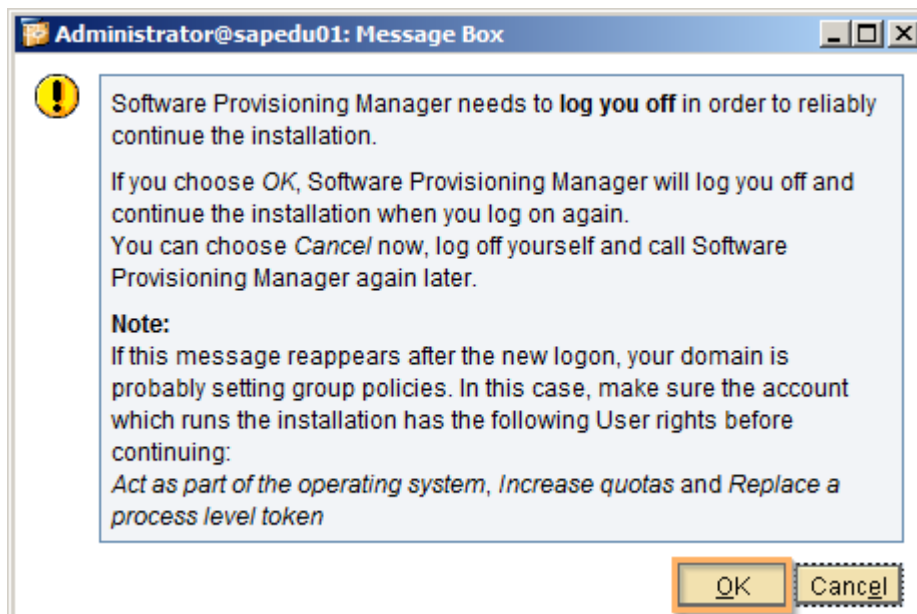
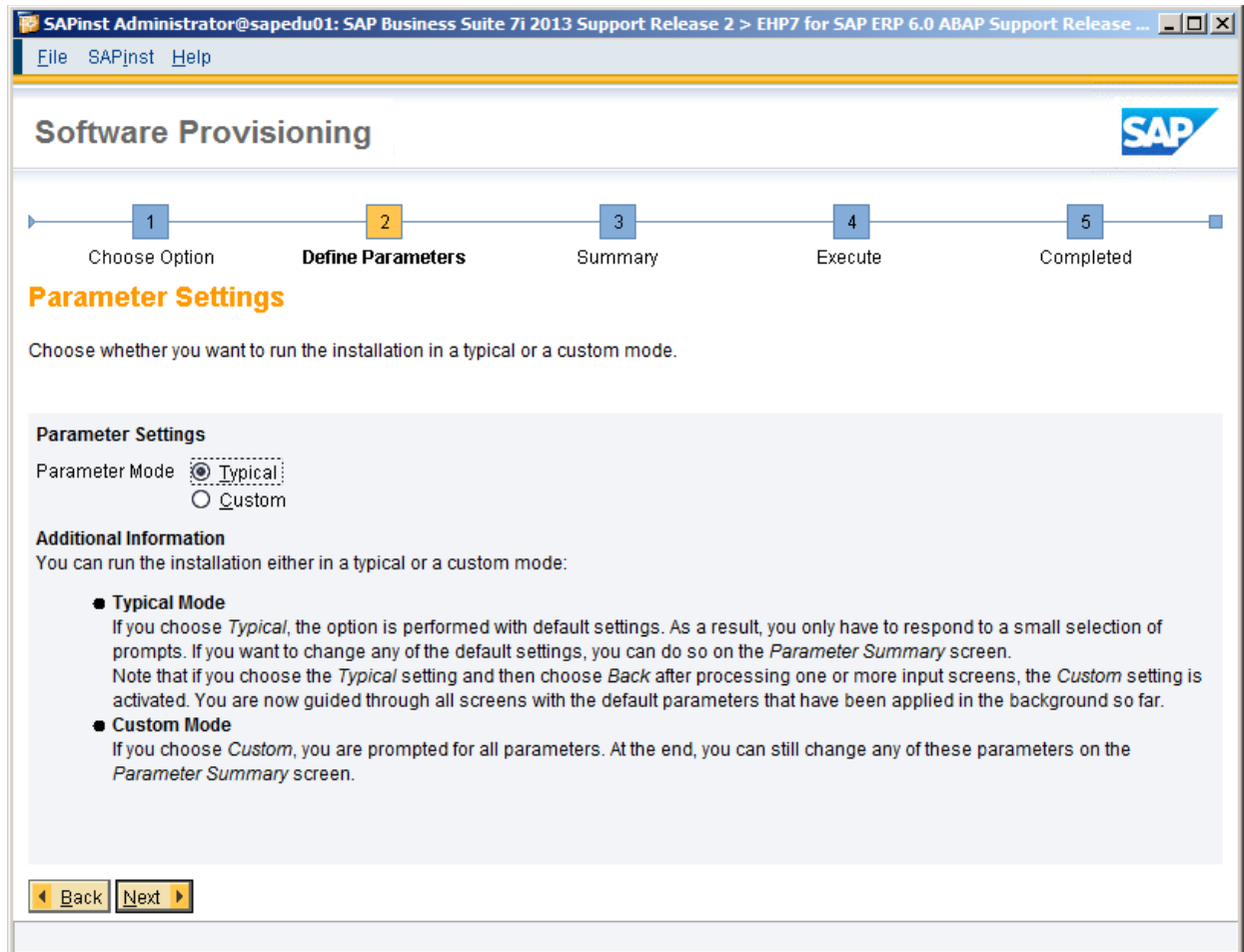
Запуск Windows-сервисов, которые были остановлены перед обновлением ORACLE.

12. Установка сервера приложений SAP.

Запуск исполняемого файла sapinst.exe из директории с распакованным Software Provisioning Manager 1.0.

Выбрать пункт «SAP Business Suite 7i 2013 Support Release 2 -> EHP7 for SAP ERP 6.0 ABAP Support Release 2 -> ORACLE -> SAP Systems -> Application Server ABAP -> Standard System -> Standard System».





Выйти и заново войти в операционную систему.

SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...

File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

General SAP System Parameters

Enter the system ID and destination drive.

SAP System

SAP System ID (SAPSID) *

Destination Drive

Additional Information

The *SAP System ID* is an identifier for your SAP system. It must be unique throughout your system landscape.
The system is installed under <Destination Drive>\usr\sap\<SAPSID>\....

SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...

File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

DNS Domain Name

Enter the DNS domain name for the SAP system to calculate the fully qualified domain name (FQDN).

SAP System Domain Name

Set FQDN for SAP system ☒

DNS Domain Name for SAP System *

Additional Information

The *DNS Domain Name* is used to calculate the Fully Qualified Domain Name (FQDN), which is configured in profile parameter `SAPLOCALHOSTFULL`. This parameter is needed to define the URLs for the ABAP and Java application servers. See [SAP Note 654982](#).

SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...

File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Media Browser

Enter the location of the required software packages.

Software Package Request

Medium	Package Location	
UC Kernel NW740 SR2	E:\SAPERIDES\SAP_Kernel\51049350	Browse...

Additional Information
The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC. If there is a complete medium available on the installation host, you only need to enter the path to the root directory of the medium in the *Package Location* column.

Back Next

Указать Master Password для всех учетных записей.

SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...

File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Master Password

Enter the master password for all users.

Master Password
The master password is used for all users that are created, as well as for the secure store key phrase. Check the F1 help for restrictions and dependencies.

Password for All Users *

Confirm *

Additional Information
If you want to set an individual password for each user, you can do this in the corresponding parameter section on the *Parameter Summary* screen.
If you set individual passwords, a new master password does not overwrite these individual settings.

Back Next

У SAP системы требования к паролям мягче, чем у MS Windows Server 2008, поэтому программа установки может запросить пароли для пользователей операционной системы еще раз, требуя создать пароль, удовлетворяющий политике безопасности MS Windows Server 2008.

The screenshot shows the SAPinst Administrator window with the title bar: "SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...". The menu bar includes "File", "SAPinst", and "Help". The main window is titled "Software Provisioning" and features the SAP logo. A progress bar at the top indicates five steps: 1. Choose Option, 2. Define Parameters (current step), 3. Summary, 4. Execute, and 5. Completed. The section "Operating System Users" is highlighted in orange. Below it, the instruction "Enter the passwords of the operating system users." is displayed. The form contains two sections: "SAP System Administrator" with fields for "Account: sapedu01\ei7adm", "Password of SAP System Administrator" (masked with asterisks), and "Confirm" (masked with asterisks); and "SAP System Service User" with fields for "Account: sapedu01\SAPServiceEI7", "Password of SAP System Service User" (masked with asterisks), and "Confirm" (masked with asterisks). At the bottom, there are "Back" and "Next" buttons.

The screenshot shows the SAPinst Administrator window with the title bar: "SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...". The menu bar includes "File", "SAPinst", and "Help". The main window is titled "Software Provisioning" and features the SAP logo. A progress bar at the top indicates five steps: 1. Choose Option, 2. Define Parameters (current step), 3. Summary, 4. Execute, and 5. Completed. The section "SAP System Database" is highlighted in orange. Below it, the instruction "Enter the database parameters." is displayed. The form contains two sections: "Database Identification" with fields for "Database ID (DBSID) *" (containing "E17") and "Database Host" (containing "sapedu01"); and "Additional Information" which contains two bullet points: "● For SAP system with a new database instance, enter the database ID (DBSID) for the database instance to be created." and "● You can also enter the DBSID of an existing database instance and add the SAP system there." At the bottom, there are "Back" and "Next" buttons.

Указать место, где расположены первый и второй диски с экспортом базы данных.

SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...

File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Media Browser

Enter the location of the required software packages.

Software Package Request

Medium	Package Location		Check Location
Installation Export 1 ECC 6.0 Ehp7 SR2	E:\SAPERPIDES\Exports\51048312_1	Browse...	<input checked="" type="checkbox"/>

Additional Information
The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC.
If you do not want to check the locations of the software packages now, deselect the flag in the *Check Location* column. Later, you are prompted again to check the locations of the software packages.

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SAPinst Administrator@sapedu01: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release ...

File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Media Browser

Enter the location of the required software packages.

Software Package Request

Medium	Package Location		Check Location
Installation Export 2 ECC 6.0 Ehp7 SR2	E:\SAPERPIDES\Exports\51048312_2	Browse...	<input checked="" type="checkbox"/>

Additional Information
The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC.
If you do not want to check the locations of the software packages now, deselect the flag in the *Check Location* column. Later, you are prompted again to check the locations of the software packages.

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Распределить директории базы данных и системы по жестким дискам. В данном примере, все располагается на одном диске (D).

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File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Oracle Database Destination

Enter the parameters of the database system.

Database Directories

Database Server Drives

Local Drives	Free Space [MB]
D:	1903600
E:	1509000
C:	190100

Oracle Directories

Sapdata Drive	Sapdata Directory	Required Disk Space [MB]
D:	/oracle/E17/sapdata1	48943
D:	/oracle/E17/sapdata2	55198
D:	/oracle/E17/sapdata3	47366
D:	/oracle/E17/sapdata4	47124
D:	/oracle/E17/sapdata5	47586

Redo Log Archives (origlogAB) D:

Redo Log Archives (mirrlogAB) D:

Oracle Archives (oraarch) D:

Oracle saptrace, sapreorg,... D:

Advanced Configuration

MaxDatafileSize* 2000

Advanced DB Configuration - For Oracle Experts Only ☐

Back Next

Данную установка возможна как на версию СУБД 11.2, так и на 12.1. Необходимо внимательно выбирать необходимый вариант.

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File SAPinst Help

Software Provisioning

1 Choose Option 2 Define Parameters 3 Summary 4 Execute 5 Completed

Oracle Database

Enter the parameters of the database system.

Database Instance

DB Home

DB Server Version

DB Client Version

Instance RAM (MB)

Total RAM (MB)

Database Schema

The new default for ABAP Schema is SAPSR3.
As of Oracle server version 12.1, ABAP SSFS is set automatically.

ABAP Schema*

Password of ABAP Schema*

Confirm*

ABAP SSFS ☒

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File SAPinst Help

Software Provisioning

1 Choose Option 2 Define Parameters 3 Summary 4 Execute 5 Completed

Oracle Listener Configuration

Enter the listener name, port and domain.

Attention

We recommend that you do not change the default values for *Listener* and *Listener Port*. You may change these default values only if you have more than one Oracle database on this installation host. In this case, see [SAP Note 98252](#).
If you decide to keep the entries in an existing network configuration file, SAPinst will merge the new entries into the existing file instead of replacing the file.

Oracle Listener Configuration

Listener*

Listener Port*

Domain*

NetWork Configuration Files

Keep listener.ora ☒

Keep tnsnames.ora ☒

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File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Declustering / Depooling Option

If you want to use optimizations for SAP Business Suite, you can enable table declustering / depooling for your SAP system.

ABAP Table Declustering and Depooling

☒ Do not decluster/depool ABAP tables
☐ Force declustering/depooling of all ABAP tables

Additional Information

Table declustering / depooling converts SAP cluster and pool tables to transparent database tables.

Select *Do not decluster/depool ABAP tables* in the following cases:

- You want to install the target system without using declustering / depooling.
- The table types of your target system are the same as in the source system.

Select *Force declustering/depooling of all ABAP tables* if you want to decluster / depool all ABAP tables in your target system.

To compensate for the increased space consumption of your declustered / depooled SAP system, we recommend that you activate database compression features as described in SAP note [1892354](#).

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File SAPinst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

SLD Destination for the SAP System OS Level

Enter the destination of the System Landscape Directory (SLD).

Register in System Landscape Directory

☐ Use existing SLD for registration
☒ No SLD destination

Connect Data for Existing SLD

Use HTTPS ☐

SLD Host*

SLD HTTP(S) Port*

SLD Data Supplier User*

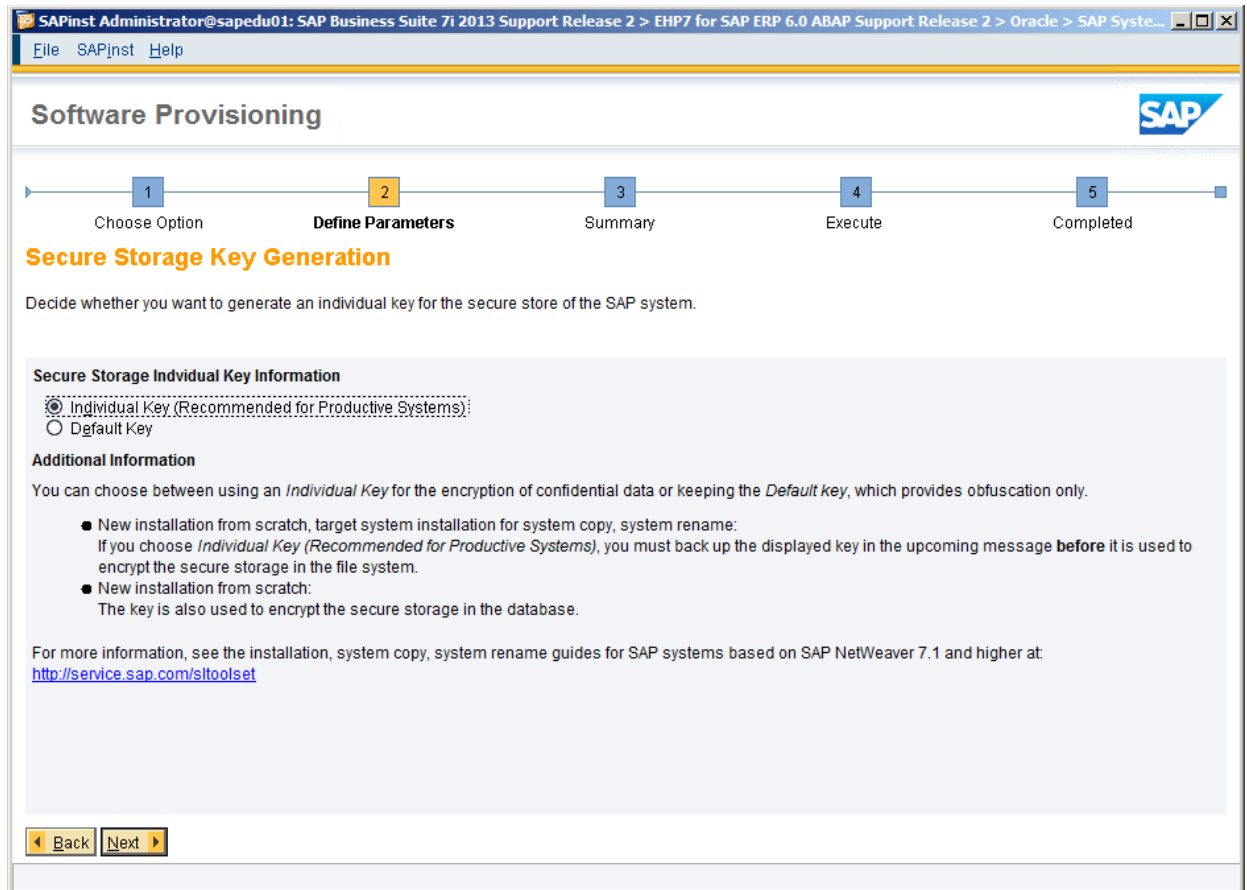
Password of SLD Data Supplier User*

Additional Information

The System Landscape Directory (SLD) should register the installed software of your entire system landscape. The SLD destination is configured in the file system and can be used by the SAP application server kernel as described in the SAP Notes [1717846](#) and [1018839](#). After you have completed this configuration, the `sapstartsrv` data supplier is enabled to send operating system information to the SLD.

After installation has finished, you perform the **technical configuration** as described in the installation guide to complete the SLD configuration of the SAP NetWeaver application server.

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Запомнить/записать значение ключа безопасности со следующего экрана.



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File SAPInst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Media Browser

Enter the location of the required software packages.

Software Package Request

Medium	Package Location	
RDBMS Client Oracle	E:\SAPERIDES\Oracle client 11.2.0.3\51047747	Browse...

Additional Information
The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC.
If there is a complete medium available on the installation host, you only need to enter the path to the root directory of the medium in the *Package Location* column.

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Если планируется использовать систему, как IDES, то Diagnostics Agent устанавливать не нужно.

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File SAPInst Help

Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

Install Diagnostics Agent

Define your Diagnostics Agent installation strategy and decide whether to install the Diagnostics Agent for diagnostics in SAP Solution Manager.

Diagnostics Agent for Diagnostics in SAP Solution Manager

☐ Install Diagnostics Agent

Additional Information
It is recommended to **not** install the Diagnostics Agent together with the managed system when using *Agents On-the-fly* functionality.
Refer to SAP Note [1365123](#) for guidance and details.

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Проверить итоговое окно с параметрами установки и запустить процесс установки.

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File SAPinst Help

Software Provisioning

1 Choose Option 2 Define Parameters 3 **Summary** 4 Execute 5 Completed

Parameter Summary

Choose 'Next' to start with the values shown. Otherwise, select the parameters to be changed and choose 'Revise'. You are then taken to the screen where you can change the parameter. You might be guided through other screens that have so far been processed.

Parameter list

- ☐ **Parameter Settings**
Parameter Mode
Typical
- ☐ **General SAP System Parameters**
SAP System ID (SAPSID)
E17
Destination Drive
D:
- ☐ **DNS Domain Name**
☒ Set FQDN for SAP system
DNS Domain Name for SAP System
educ.edu
- ☐ **Master Password**
Password for All Users

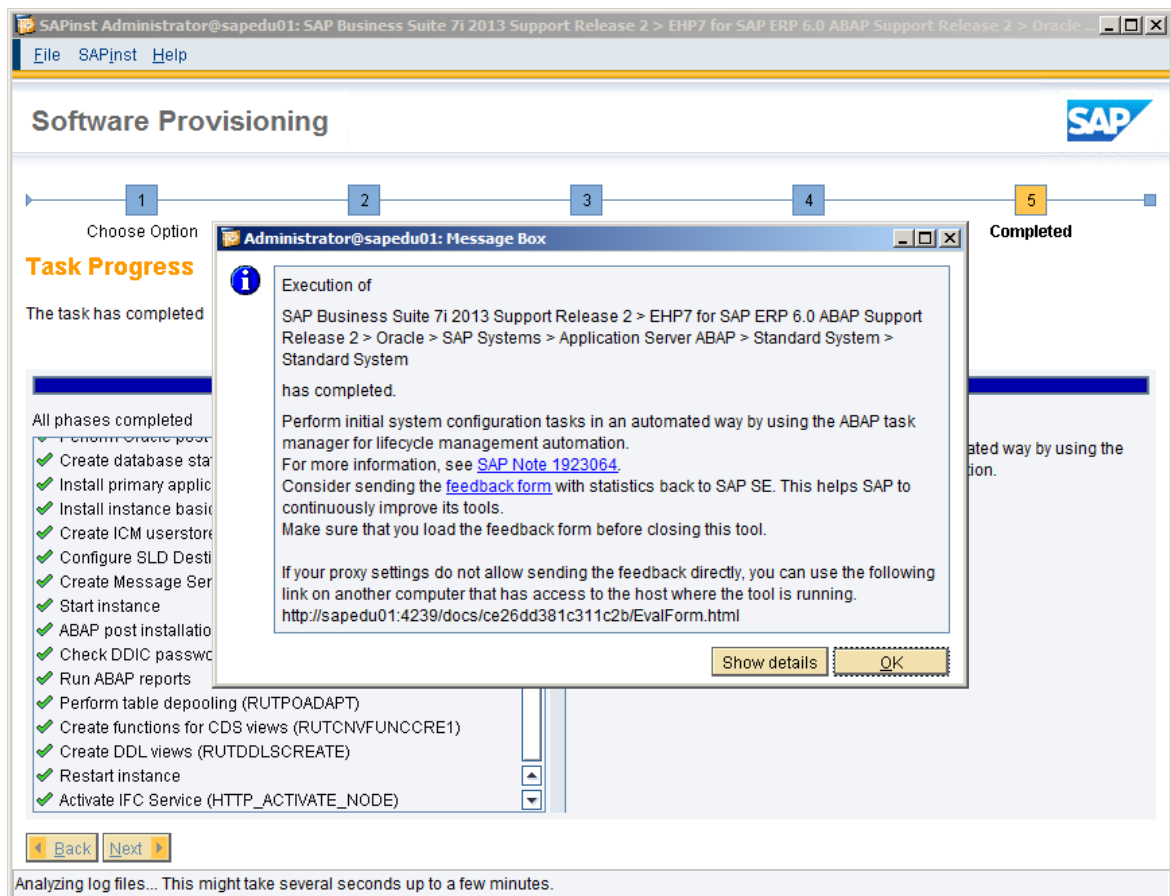
- ☐ **Windows Domain**
Domain Model
Local Domain
Windows Domain
- ☐ **Operating System Users**
Password of SAP System Administrator

Password of SAP System Service User

Back Next Revise Show Detail

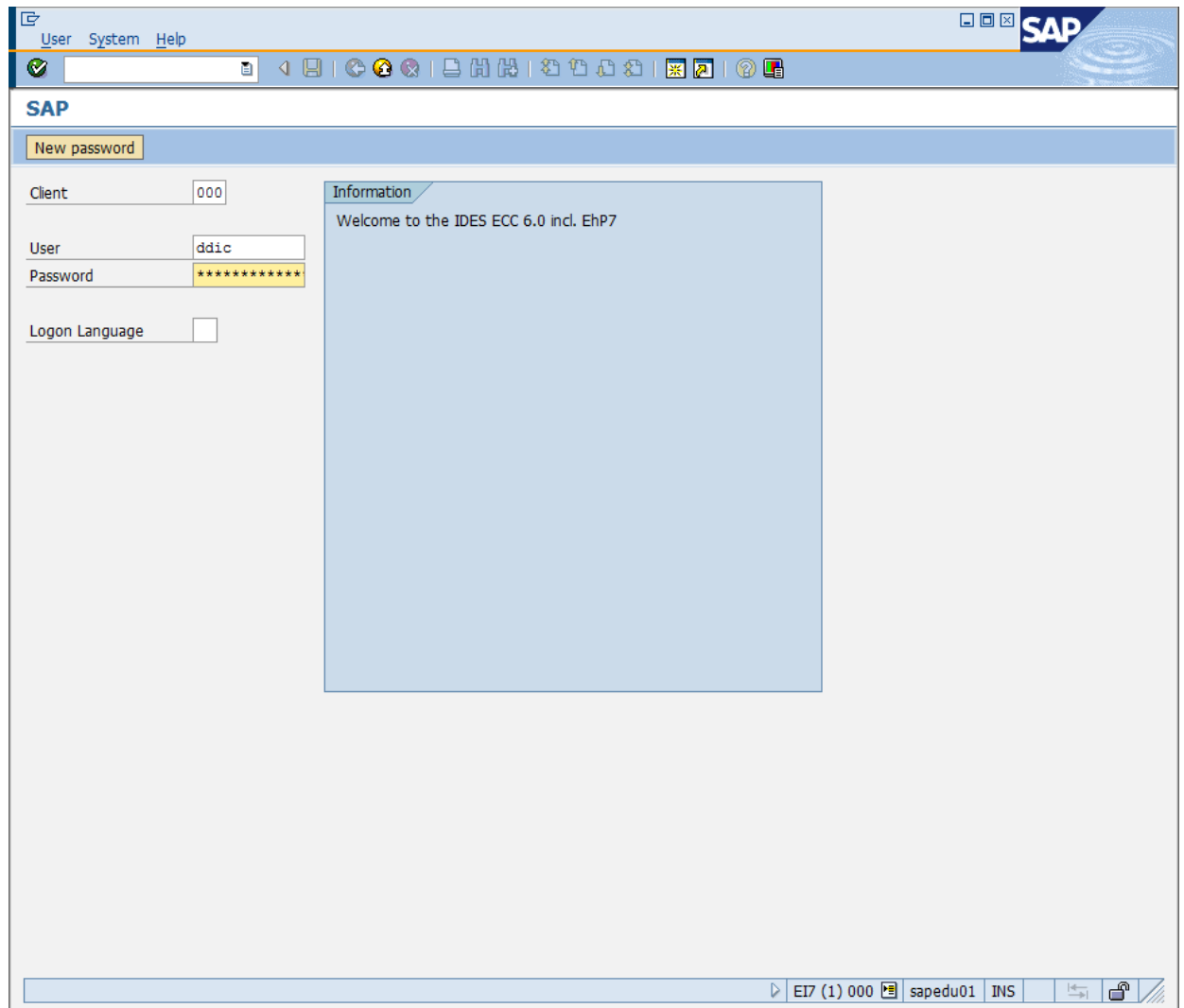


Дождаться сообщения об окончании установки.



На вышеуказанной конфигурации (стр. 1) установка прошла за 5 часов 45 минут.

13. Выполнить тестовый вход в 000 мандант системы через SAP GUI под пользователем DDIC и Master Password, заданным при установке системы.



Состояние системы после установки следующее:

E17(1)/000 System: Status			
Usage data			
Client	000	Previous logon	02.07.2015 14:47:33
User	DDIC	Logon	03.07.2015 12:21:59
Language	EN	System time	12:22:04
		Time Zone	CET 11:22:04
Number of Failed Password Logon Attempts:		0	
SAP data			
Repository data		SAP System data	
Transaction	SESSION_MANA...	Component version	EHP7 for SAP ERP ...
Program (screen)	SAPLSMTR_NAV...		
Screen number	100	Installation Number	0120003411
Program (GUI)	SAPLSMTR_NAV...	License expiration	30.09.2015
GUI status	SESSION_ADMIN	Unicode System	Yes
Host data		Database data	
Operating system	Windows NT	Database System	ORACLE
Machine type	8x X86_64	Release	11.2.0.3.0
Server name	sapedu01_EI7_00	Name	EI7
Platform ID	562	Host	SAPEDU01
		Owner	SAPSR3
Navigate			

E17(1)/000 System: Kernel information	
Kernel Information	
Kernel release	742
Compilation	NT 6.1 7601 x86 ...
Sup.Pkg lvl.	28
ABAP Load	1981
CUA load	40
Mode	opt
Rsyn file	
Database information	
DB client lib.	OCI_11201_SHARE, ...
DB releases	ORACLE 10.1.0.*.*...
DBSL version	742.06
DBSL Patch Level	025
System information	
IP address	10.50.50.45
SAP versions	700, 710, 701, 70...
Operating System	Windows NT 6.0, W...
OP release	6.1

Документ скачан с сайта <http://sidadm.blogspot.com>

EA-HR	607	17	SAPK-60717INEAHR	SAP Enterprise Extension HR
EA-HRCAR	607	17	SAPK-60717INEAHRCAR	Sub component EA-HRCAR of EA-HR
EA-HRCAT	607	17	SAPK-60717INEAHRCAT	Sub component EA-HRCAT of EA-HR
EA-HRCAU	607	17	SAPK-60717INEAHRCAU	Sub component EA-HRCAU of EA-HR
EA-HRCBE	607	17	SAPK-60717INEAHRCB	Sub component EA-HRCBE of EA-HR
EA-HRCBR	607	17	SAPK-60717INEAHRCBR	Sub component EA-HRCBR of EA-HR
EA-HRCCA	607	17	SAPK-60717INEAHRCCA	Sub component EA-HRCCA of EA-HR
EA-HRCCH	607	17	SAPK-60717INEAHRCC	Sub component EA-HRCCH of EA-HR
EA-HRCCL	607	17	SAPK-60717INEAHRCC	Sub component EA-HRCCL of EA-HR
EA-HRCCN	607	17	SAPK-60717INEAHRCCN	Sub component EA-HRCCN of EA-HR
EA-HRCDE	607	17	SAPK-60717INEAHRCD	Sub component EA-HRCDE of EA-HR
EA-HRCDK	607	17	SAPK-60717INEAHRCDK	Sub component EA-HRCDK of EA-HR
EA-HRCES	607	17	SAPK-60717INEAHRCE	Sub component EA-HRCES of EA-HR
EA-HRCFI	607	17	SAPK-60717INEAHRCF	Sub component EA-HRCFI of EA-HR
EA-HRCFR	607	17	SAPK-60717INEAHRCFR	Sub component EA-HRCFR of EA-HR
EA-HRCGB	607	17	SAPK-60717INEAHRCG	Sub component EA-HRCGB of EA-HR
EA-HRCHK	607	17	SAPK-60717INEAHRCHK	Sub component EA-HRCHK of EA-HR
EA-HRCID	607	17	SAPK-60717INEAHRCID	Sub component EA-HRCID of EA-HR
EA-HRCIE	607	17	SAPK-60717INEAHRCE	Sub component EA-HRCIE of EA-HR
EA-HRCIN	607	17	SAPK-60717INEAHRCIN	Sub component EA-HRCIN of EA-HR
EA-HRCIT	607	17	SAPK-60717INEAHRCT	Sub component EA-HRCIT of EA-HR
EA-HRCJP	607	17	SAPK-60717INEAHRCP	Sub component EA-HRCJP of EA-HR
EA-HRCKR	607	17	SAPK-60717INEAHRCKR	Sub component EA-HRCKR of EA-HR
EA-HRCKW	607	17	SAPK-60717INEAHRCKW	Sub component EA-HRCKW of EA-HR
EA-HRCMX	607	17	SAPK-60717INEAHRCMX	Sub component EA-HRCMX of EA-HR
EA-HRCMY	607	17	SAPK-60717INEAHRCMY	Sub component EA-HRCMY of EA-HR
EA-HRCNL	607	17	SAPK-60717INEAHRCN	Sub component EA-HRCNL of EA-HR
EA-HRCNO	607	17	SAPK-60717INEAHRCN	Sub component EA-HRCNO of EA-HR
EA-HRCNZ	607	17	SAPK-60717INEAHRCN	Sub component EA-HRCNZ of EA-HR
EA-HRCPH	607	17	SAPK-60717INEAHRCPH	Sub component EA-HRCPH of EA-HR
EA-HRCPT	607	17	SAPK-60717INEAHRCP	Sub component EA-HRCPT of EA-HR
EA-HRCQA	607	17	SAPK-60717INEAHRCA	Sub component EA-HRCQA of EA-HR
EA-HRCRU	607	17	SAPK-60717INEAHRCR	Sub component EA-HRCRU of EA-HR
EA-HRCSE	607	17	SAPK-60717INEAHRCS	Sub component EA-HRCSE of EA-HR
EA-HRCSG	607	17	SAPK-60717INEAHRCS	Sub component EA-HRCSG of EA-HR
EA-HRCTH	607	17	SAPK-60717INEAHRCT	Sub component EA-HRCTH of EA-HR
EA-HRCTW	607	17	SAPK-60717INEAHRCT	Sub component EA-HRCTW of EA-HR
EA-HRCUN	607	17	SAPK-60717INEAHRCU	Sub component EA-HRCUN of EA-HR
EA-HRCUS	607	17	SAPK-60717INEAHRCU	Sub component EA-HRCUS of EA-HR
EA-HRCVE	607	17	SAPK-60717INEAHRCV	Sub component EA-HRCVE of EA-HR
EA-HRCZA	607	17	SAPK-60717INEAHRCA	Sub component EA-HRCZA of EA-HR
EA-HRGXX	607	17	SAPK-60717INEAHRGX	Sub component EA-HRGXX of EA-HR
EA-HRRXX	607	17	SAPK-60717INEAHRRX	Sub component EA-HRRXX of EA-HR
EA-PS	617	2	SAPK-61702INEAPS	SAP Enterprise Extension Public Services
EA-RETAIL	617	2	SAPK-61702INEARET	SAP Enterprise Extension Retail
EPROJCON	200 600	1	SAPK-20001INEPROJCON	EPROJCON 200 600: Add-On Upgrade
FINBASIS	747	2	SAPK-74702INFINBASIS	Financial Basis
FSCM_CCD	617	2	SAPK-61702INFSCMCCD	FSCM_CCD
CPRXRPM	600 740	0	-	SAP Portfolio and Project Management 6.0
DMIS	2011 1 731	4	SAPK-11604INDMIS	DMIS 2011 1
EAPPLGLO	607	1	SAPK-60701INEAPPLGLO	Globalization Extension ERP Financial
ECC-DIMP	617	2	SAPK-61702INECCDIMP	DIMP
ECC-SE	605	10	SAPK-60510INECCSE	ECC-SE
ERECRUIT	617	2	SAPK-61702INERECRUIT	E-Recruiting
FI-CA	617	2	SAPK-61702INFICA	FI-CA
FI-CAX	617	2	SAPK-61702INFICAX	FI-CA Extended
FLDQ	440 740	0	-	SAP BusinessObjects DQM for SAP Solution
GBTR	100	3	SAPK-10003INGBTR	Global Batch Traceability
GBTRINT	100	3	SAPK-10003INGBTRINT	GBT Integration Component
HR-CEE	110 604	57	SAPK-60457INHRCEE	HR country version for CEE countries
HR-CEECBG	110 604	57	SAPK-60457INHRCEECBG	Sub component HR-CEECBG of HR-CEE
HR-CEECCO	110 604	57	SAPK-60457INHRCEECCO	Sub component HR-CEECCO of HR-CEE
HR-CEECCZ	110 604	57	SAPK-60457INHRCEECCZ	Sub component HR-CEECCZ of HR-CEE
HR-CEECGR	110 604	57	SAPK-60457INHRCEECGR	Sub component HR-CEECGR of HR-CEE
HR-CEECHR	110 604	57	SAPK-60457INHRCEECHR	Sub component HR-CEECHR of HR-CEE
HR-CEECHU	110 604	57	SAPK-60457INHRCEECHU	Sub component HR-CEECHU of HR-CEE
HR-CEECPL	110 604	57	SAPK-60457INHRCEECPL	Sub component HR-CEECPL of HR-CEE
HR-CEECRO	110 604	57	SAPK-60457INHRCEECRO	Sub component HR-CEECRO of HR-CEE
HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
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HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
HR-CEECSE	110 604	57	SAPK-60457INHRCEECSE	Sub component HR-CEECSE of HR-CEE
HR-CEEGXX	110 604	0	-	Sub component HR-CEEGXX of HR-CEE
HR-CEERXX	110 604	0	-	Sub component HR-CEERXX of HR-CEE
IAM	100	2	SAPK-10002INIAM	Issue Activity Management
INSURANCE	617	2	SAPK-61702ININSURANC	SAP Insurance

IS-CWM	617	2	SAPK-61702INISCWM	Industry Solution Catch Weight Management
IS-H	617	2	SAPK-61702INISH	SAP Healthcare
IS-M	617	2	SAPK-61702INISM	SAP MEDIA
IS-OIL	617	2	SAPK-61702INISOIL	IS-OIL
IS-PRA	617	2	SAPK-61702INISPR	SAP IS-PRA
IS-PS-CA	617	2	SAPK-61702INISPCSA	IS-PUBLIC SECTOR CONTRACT ACCOUNTING
IS-UT	617	2	SAPK-61702INISUT	SAP Utilities/Telecommunication
IW_SCS	200	7	SAPK-20007INIWSCS	Screen Scraping
LSOFE	617	1	SAPK-61701INLSOFE	SAP Learning Solution Front-End
MCRMFERP	200	2	SAPK-20002INMCRMFERP	SAP Mobile Service 2.0 ERP Addon
MCRMRRER	200	7	SAPK-20007INMCRMRRER	SAP Retail Execution 2.0 ERP Addon
MCRMSERP	200	4	SAPK-20004INMCRMSERP	SAP Mobile Sales 2.0 ERP Addon
ODTFINCC	600	3	SAPK-60003INODTFINCC	ODTFINCC 600
PA_SE_IN	100	2	SAPK-10002INPASEIN	Personnel Administration Inbound Service
PLMWUI	747	1	SAPK-74701INPLMWUI	SAP PLM Web UI
POASBC	100_702	12	SAPK-10012INPOASBC	POA Shared Business Components 1.0
RTLWFM	400	0	-	RTLWFM 400
SEM-BW	747	2	SAPK-74702INSEMBW	SEM-BW: Strategic Enterprise Management
SFIHCM01	600	5	SAPK-60005INSFIHCM01	HCM integration with SuccessFactors 600
SLL-LEG	900	15	SAPK-90015INSAPSL	SLL-LEG 900 : Add-On Installation
SLL_PI	900_604	16	SAPK-90A16INSLLPI	GTS Plug-In
SRM_SERVER	713	1	SAPK-71301INSRMSRV	SRM_SERVER
WFMCORE	200	22	SAPK-20022INWFMCORE	WFMCORE 200 Upgrade: Meta-Commandfile (D
CPD	1.0	1	SAPK-10001INCPD	Commercial Project Delivery 1.0
DMIS_CNT	2011_1_731	4	SAPK-11604INDMISCNT	DMIS_CNT 2011_1
GBFRM001	100	0	-	MyView Framework 100
GBHCM001	600	6	SAPK-60006INGBHCM001	HCM Time Capture/Timesheet and Approval
GBHCM002	600	9	SAPK-60009INGBHCM002	HCM Employee Requests (Leave)
GBHCM003	600	7	SAPK-60007INGBHCM003	HCM Manager Approvals (Time, Training, L
GBTRV001	600	3	SAPK-60003INGBTRV001	Travel Expense Report and Approval Reque
GBTRV002	600	7	SAPK-60007INGBTRV002	Travel: Manager Approvals for Travel and
GRCPERP	V1000_700	13	SAPK-10313INGRCPERP	GRCPERP
LVMCCERP	600	0	-	Citizen Connect ERP
LWMEHS01	605	2	SAPK-60502INLWMEHS01	Gateway Add On for EHS
LWMER001	600	3	SAPK-60003INLWMER001	Integration to Mobile Application "Inter
LWMFI001	600	6	SAPK-60006INLWMFI001	Integ. to Mobile App "Fact Sheet Credit
LWMFI401	604	3	SAPK-60403INLWMFI401	Integration to Mobile Application SAP ER
LWMHR003	600	5	SAPK-60005INLWMHR003	Integration Component for HR Learning So
LWMHR401	604	5	SAPK-60405INLWMHR401	Dev. LWMHR401
LWMQAMMI	600	1	SAPK-60001INLWMQAMMI	Add-On QAM Mobile Inspection
LWMSD001	600	5	SAPK-60005INLWMSD001	Integration to Mobile Application ERP Or
LWMSIM01	600	3	SAPK-60003INLWMSIM01	Mobile App: Strategic Initiative dMoney
MIVERPSD	601	5	SAPK-60105INMIVERPSD	Integration to ERP 6.0 Mobile Instance
MIVHREMP	601	4	SAPK-60104INMIVHREMP	Integration to ERP 6.0 Mobile Instance
MIVHRTV	601	5	SAPK-60105INMIVHRTV	Integration to ERP 6.0 Mobile Instance
MOC	100	1	SAPK-10001INMOC	Management of Change
PICM	1.0	1	SAPK-10001INPICM	PICM 1.0
QAM	100	2	SAPK-10002INQAM	Quality Issue Management
SFIHCM02	600	1	SAPK-60001INSFIHCM02	Integration Success Factors 600
SMCERPIT	100	5	SAPK-10005INSMCERPIT	Integration Comp. for Integration of Sup
SMERP	600_700	1	SAPK-60001INSMERP	Agency SAP Framework ERP AddOn
LWMHR005	604	0	-	II Integration Component for HR Learning
EHS	300	3	SAPK-30003INEHS	SAP EHS Management Extension 3.0
LOCINLOG	606	1	SAPK-60601INLOCINLOG	LOCINLOG 606
AIN	400	6	SAPK-40006INAIN	AIN 400 : Add-On Supplement
BSNAGT	200	0	-	BSN AGENT
C-CEE	200	0	-	ECC Core Country Versions for EEM Countr
CIDCAD	100_702	1	SAPK-17201INCIDCAD	CIDEON PLM / CAD Base
CIDEON	100_731	0	-	CIDEON Tools
EIO	600_200	0	-	New Release 600_200
LOCHRS	605	28	SAPK-60528INLOCHRS	Localization of HCM for KSA and UAE
MRSS	800	5	SAPK-80005INMRSS	Multi Resource Service Scheduling
MRSS_NW	800	5	SAPK-80005INMRSSNW	SAP Multiresource Scheduling for SAP NetWeaver
NAKISA	401_702_RF	0	-	Nakisa STVN Add-on RF
OTEXBAS	1000_700	2	SAPK-30402INOTEXBAS	OpenText Archiving and Document Access f
OTEXEIM	0350_605	1	SAPK-50201INOTEXEIM	OpenText Employee File Management
OTEXOCR	0350_700	1	SAPK-02101INOTEXOCR	OTEXOCR 0350_700: Add-On Installation
OTEXTRM	0350_602	2	SAPK-02102INOTEXTRM	OTEXTRM 0350_602: Add-On Installation
OTEXVIM	520_700	0	-	Open Text- Vendor Invoice Management 5.2
RECA	100	3	SAPK-10003INRECA	REAL ESTATE CAM
SCRM	310_700	0	-	ICON SCRM
ST-A/PI	01Q_731	1	SAPKITAB9K	Servicetools for SAP Basis 731
TDAGBCA	200_600	3	SAPK-36003INTDAGBCA	TechniData Basic Components
WSCCLICK	100_700	11	SAPK-17011INWSCCLICK	WSCGmbH ClickSchedule Interface
WSOPT	216_700	2	SAPK-57002INWSOPT	SER.OPT.SUT CS-ERPADAPT216_700
XFT	310_700	0	-	xft business add-on
XLSO	100	1	SAPK-10001INXLSO	SAP EXTERNAL LEARNING SOLUTION

Client	Name	City	Crcy	Changed on
000	SAP AG	Walldorf	DEM	14.06.2012
001	SAP AG	Walldorf	EUR	31.03.2014
066	early Watch	Walldorf	EUR	28.04.2004
800	IDES-ALE: Central FI Syst	Frankfurt - Deutschland	EUR	30.05.2013
810	IDES-ALE: Sales System	Barcelona - Spanien	DEM	23.03.2001
811	IDES-ALE: Production	Porto - Portugal	EUR	17.09.2004
812	Logistics	Dallas, USA	DEM	30.09.2009

Размер базы данных — 290 Гб. На диске вся инсталляция занимает — 330 Гб.

Space Overview	
DB Name	EI7
DB Server	SAPEDU01
DB Release	11.2.0.3.0
Started	02.07.2015 11:47:32
Database	
Name:	DEFAULT
DB system:	ORA
Size:	290,65 GB
Free Space:	19,16 GB
Used:	93 %
Last analysis:	03.07.2015 07:21:00
Filling degree:	<div style="width: 93%;"></div>
Total size:	1.406,25 GB
Total free space:	1.134,75 GB
Total used:	19 %
Users	
Total number:	10
Maximum size:	276.149,00 MB (SAPSR3)
Maximum # segments:	106.813 (SAPSR3)

14. В 000 манданте системы создать своего пользователя с профилями SAP_ALL и SAP_NEW.
15. Войти в 000 мандант под своей записью пользователя и в транзакцию SICK проверить установку.

SAP Initial Consistency Check	
SAP System Check	no errors reported

16. В транзакции STMS настроить транспортную систему с одной виртуальной системой.

EI7(1)/000 TMS: Configure Transport Domain

System	EI7
Description	System EI7

Transport Domain	
Name	DOMAIN_EI7
Description	Transport domain EI7

Icons: Save, Copy, Paste, Cancel

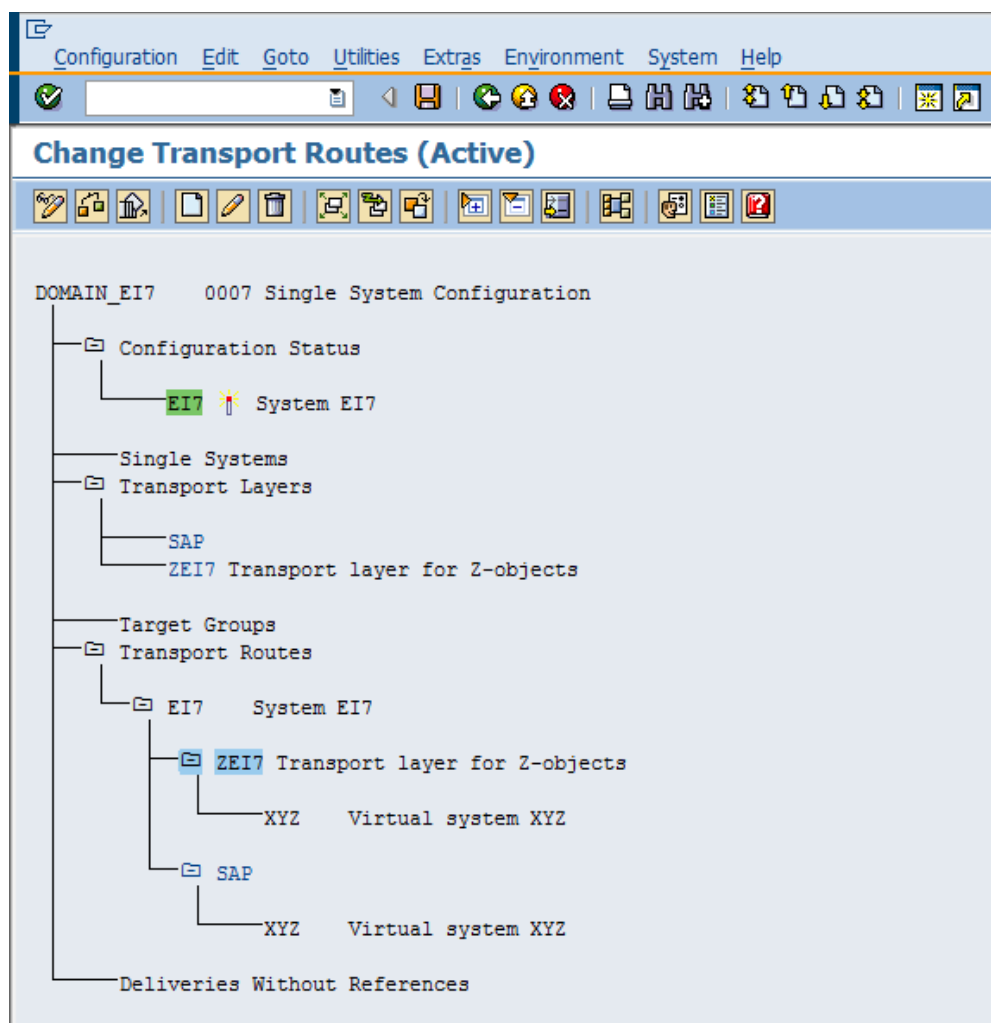
EI7(1)/000 Set Password for User TMSADM

☒ User's Own Password Appropriate to System Setting

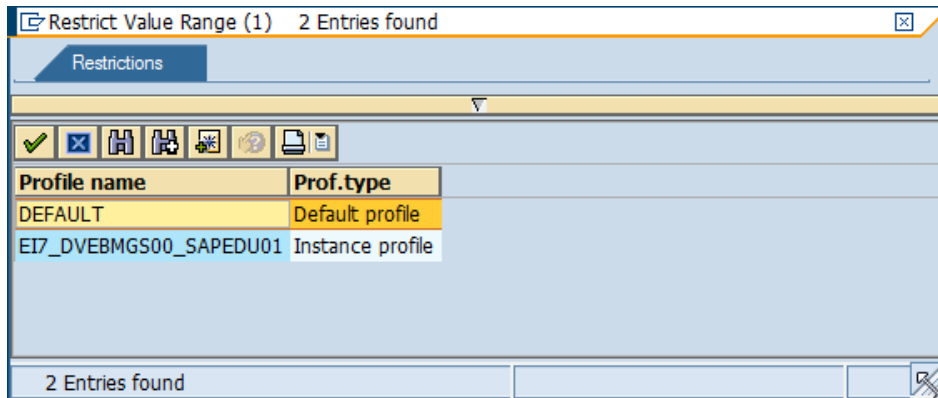
Password	*****
Repeat	*****

☐ New Standard Password (see Note 761637)
☐ Old Standard Password

Icons: OK, Cancel



17. Войти в транзакцию RZ10, удалить существующие и импортировать в базу данных SAP профили данной инстанции.



В профиле DEFAULT изменить значение параметра login/system_client = 800.

Для активации русского языка в системе в профиле DEFAULT выставить следующие параметры:

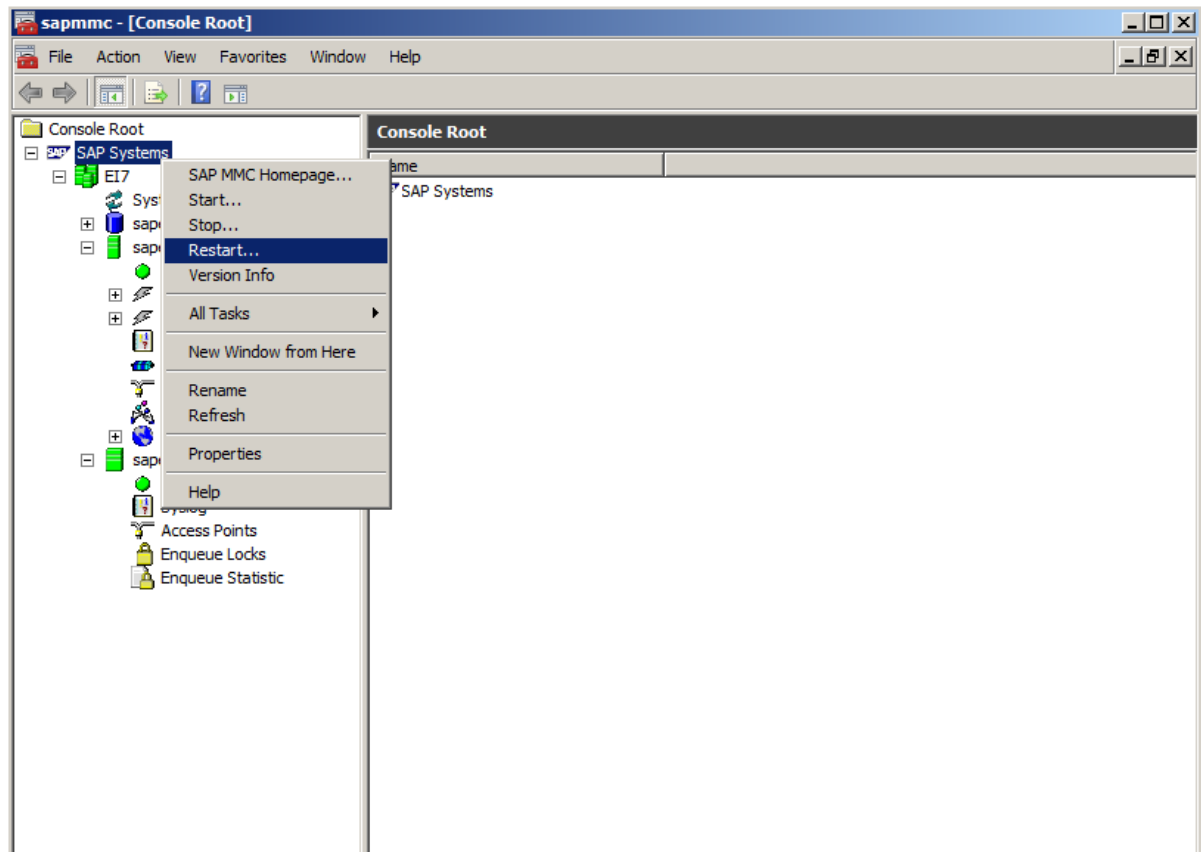
zcsa/installed_languages = DER

zcsa/second_language = E

zcsa/system_language = R

18. Удалить настройки для старой инстанции в транзакциях RZ04, SMLG. Запланировать стандартные задания в SM36.

19. Для вступления в силу изменений профилей и для проверки — остановить и запустить SAP-инстанции.



20. Переключить базу данных в NOARCHIVELOG MODE через SQLPlus.

```
CA: Command Prompt - sqlplus /nolog
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\ei7adm>sqlplus /nolog

SQL*Plus: Release 11.2.0.3.0 Production on Fri Jul 3 13:40:58 2015

Copyright (c) 1982, 2011, Oracle. All rights reserved.

SQL> connect /as sysdba
Connected.
SQL> select log_mode from v$database;

LOG_MODE
-----
ARCHIVELOG

SQL> shutdown immediate
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> startup mount exclusive
ORA-32004: obsolete or deprecated parameter(s) specified for RDBMS instance
ORACLE instance started.

Total System Global Area 2639106048 bytes
Fixed Size 2258032 bytes
Variable Size 1325403024 bytes
Database Buffers 1291845632 bytes
Redo Buffers 19599360 bytes
Database mounted.
SQL> alter database noarchivelog;

Database altered.

SQL> alter database open;

Database altered.

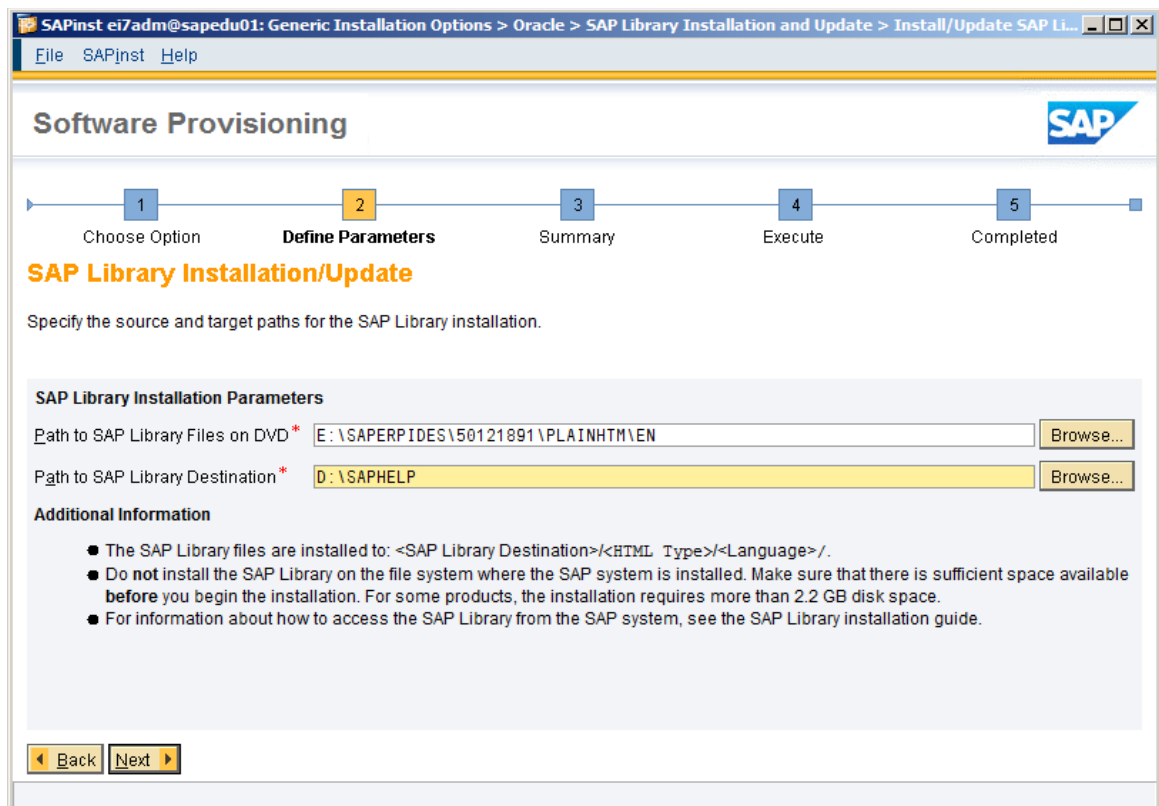
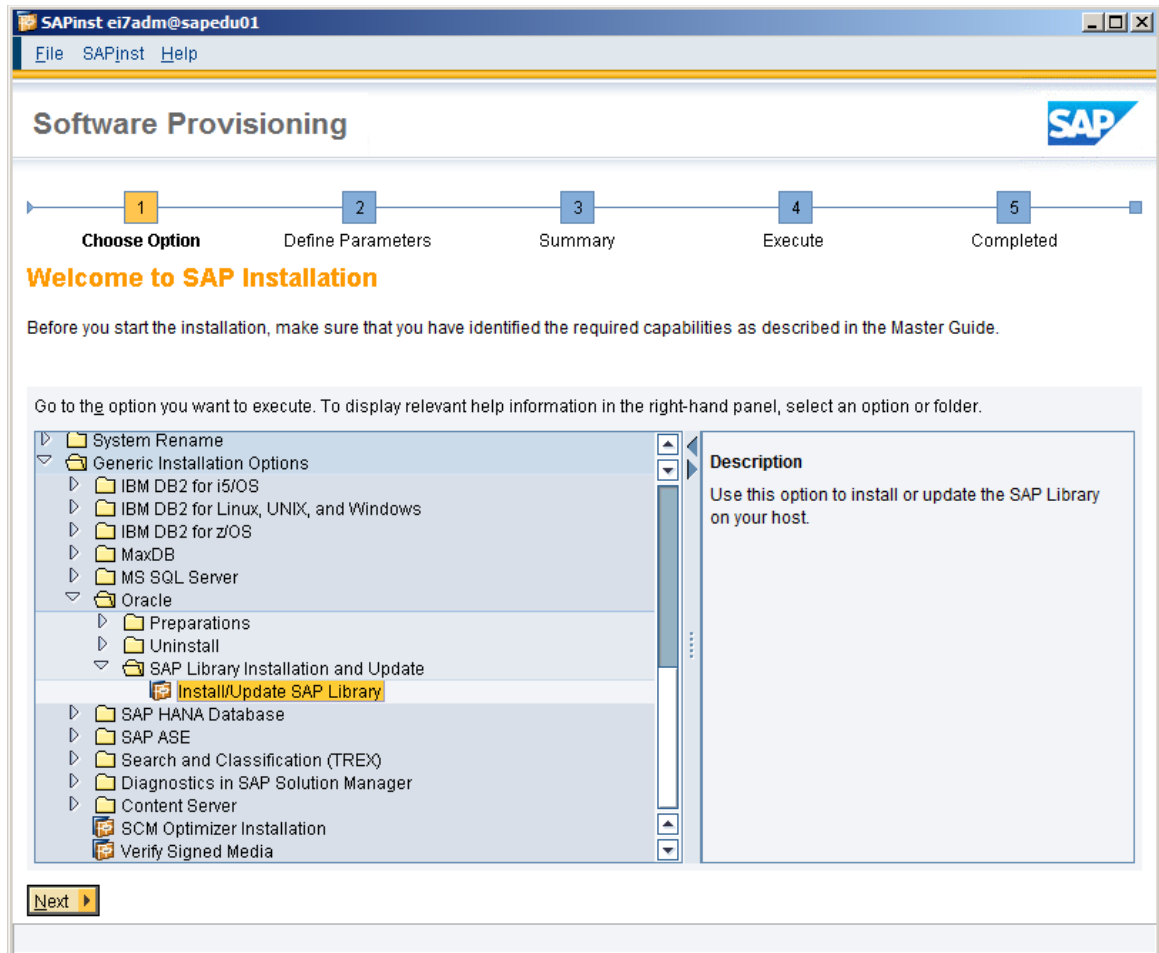
SQL> select log_mode from v$database;

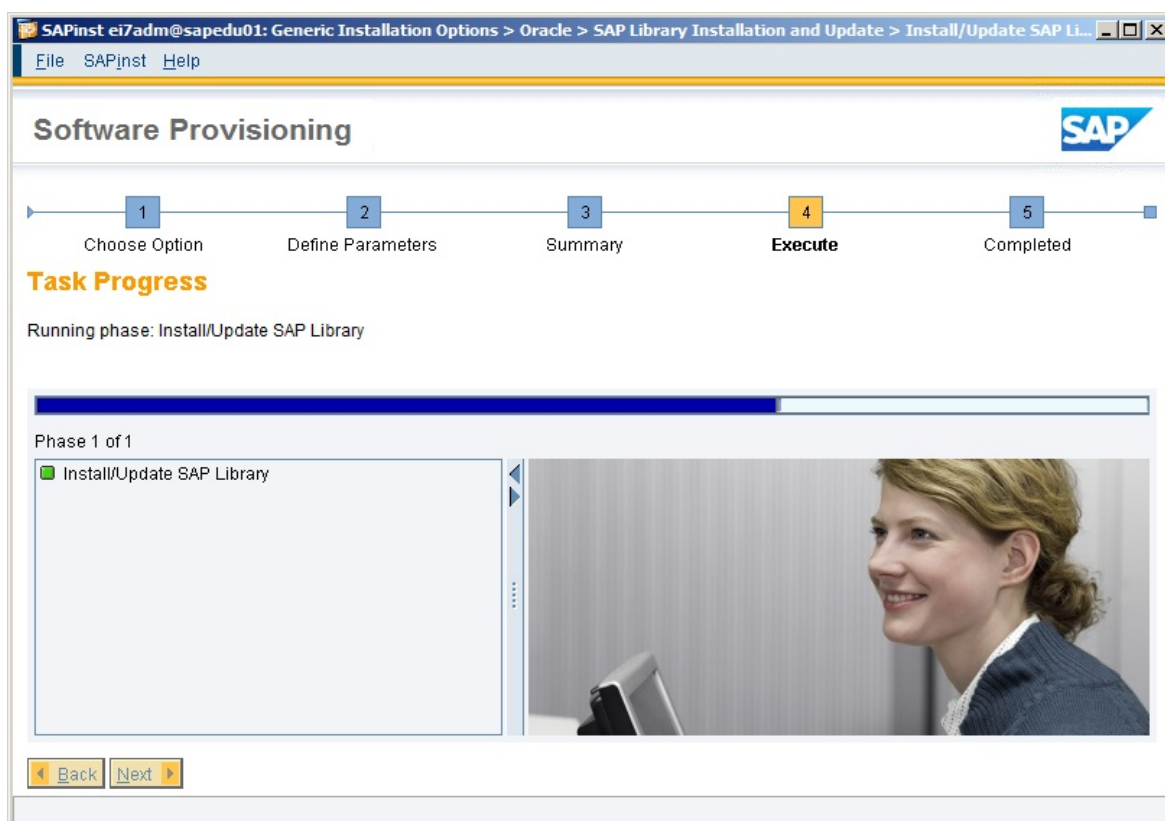
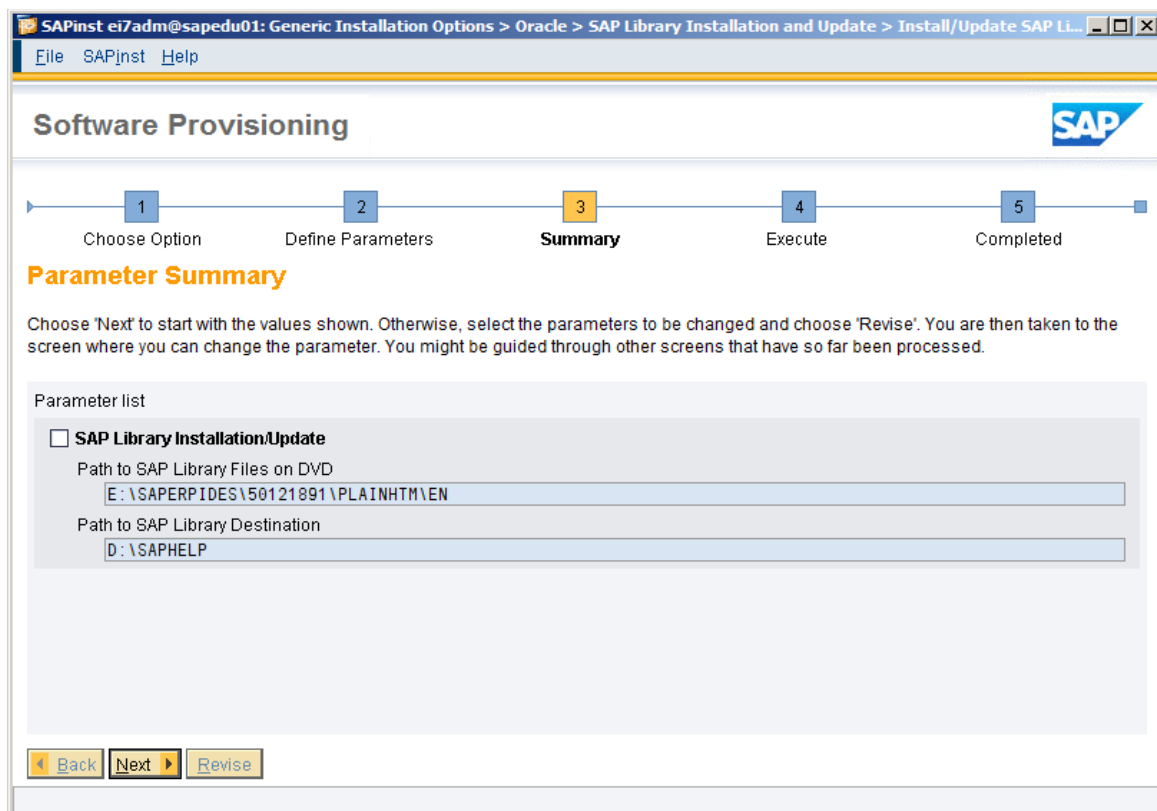
LOG_MODE
-----
NOARCHIVELOG

SQL>
```

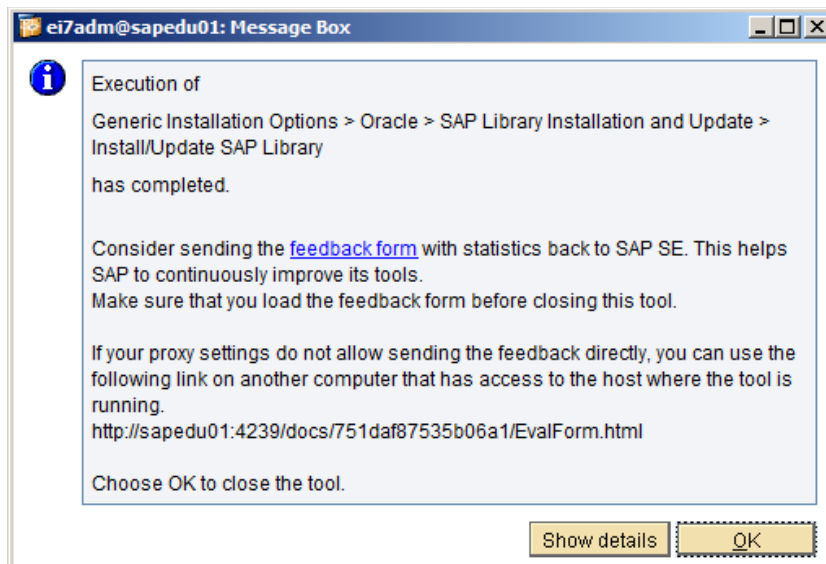
21. Установка SAP Online Documentations с помощью Software Provisioning Manager 1.0. Создание на сервере директории для документации (3 Гб), открытие доступа на чтение.

В Software Provisioning Manager 1.0 выбрать пункт «Generic Installation Options → Oracle → SAP Library Installation and Update → Install/Update SAP Library».

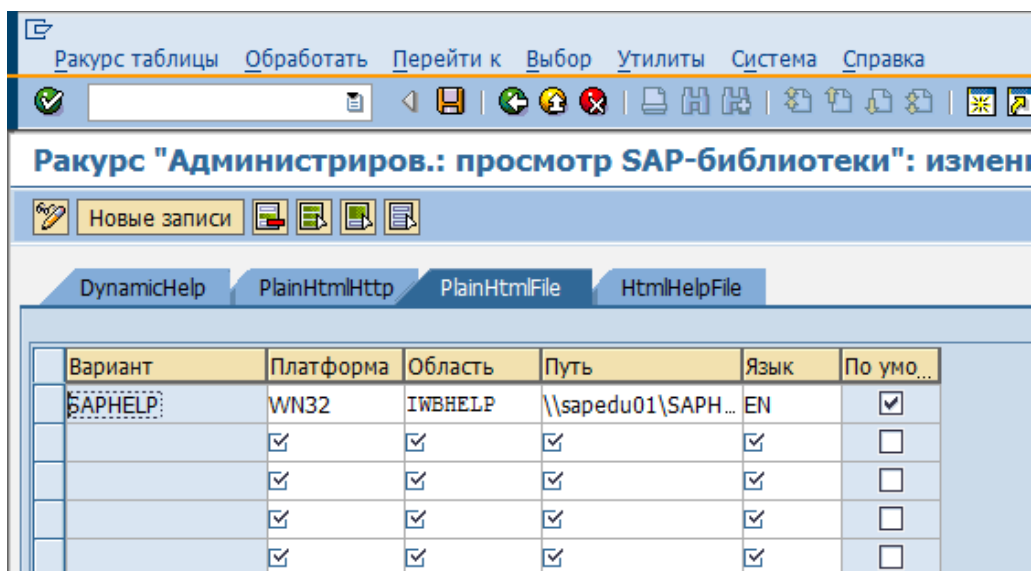




Дождаться сообщения об окончании установки.



Войти в 000 мандант системы под своей записью пользователя и запустить транзакцию SR13. В закладке «PlainHtmlFile» добавить строку с настройками и сохранить.



Через вызов пункта меню «Справка → Библиотека SAP», проверить работу SAP Help Library.

22. Дополнительные шаги для подготовки базы данных ORACLE.

Обновление статистики базы данных. На уровне ОС перелогиниться под пользователем <sid>adm и в командной строке выполнить команды:

```
brconnect -u / -c -f stats -t system_stats
brconnect -u / -c -f stats -t oradict_stats
```

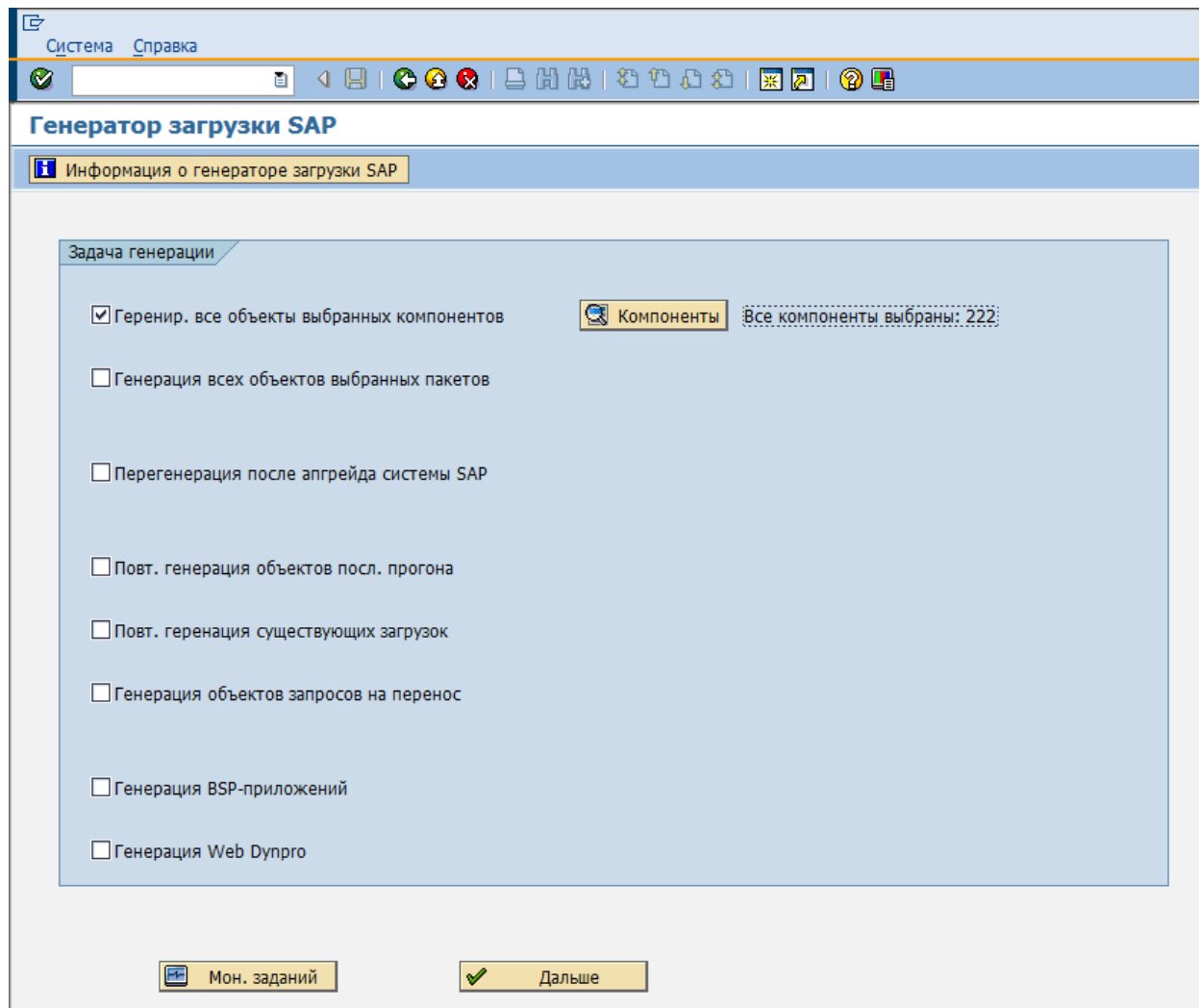
Войти в командной строке в SQLPlus, набрав команды:

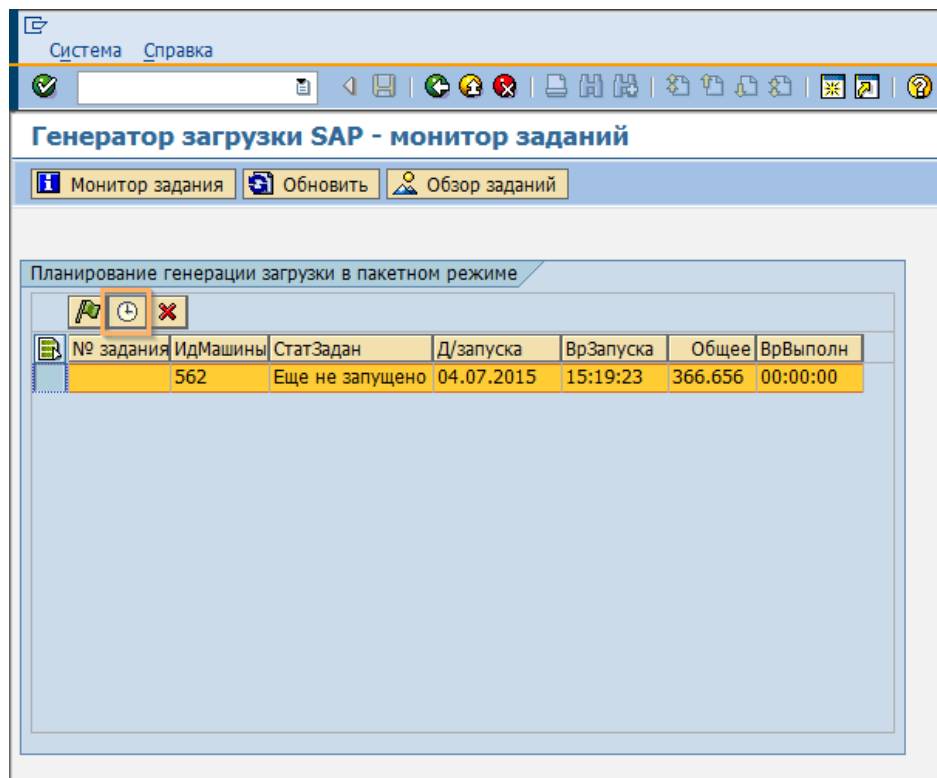
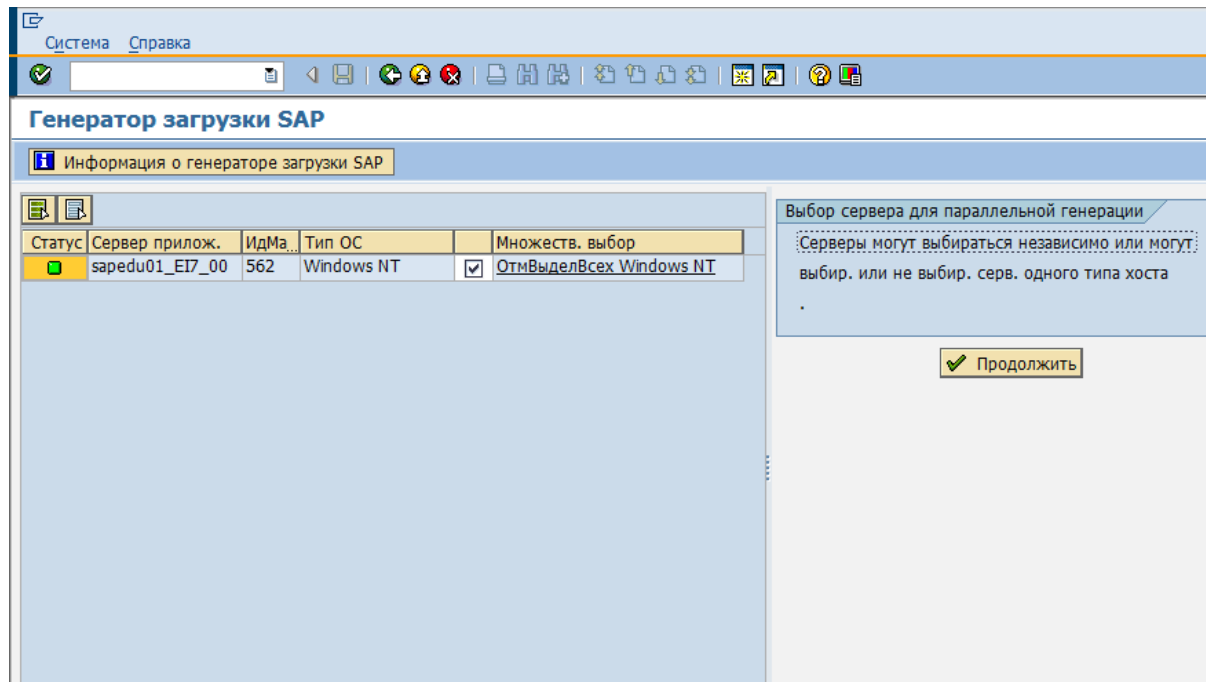
```
> sqlplus /nolog
> connect /as sysdba
```

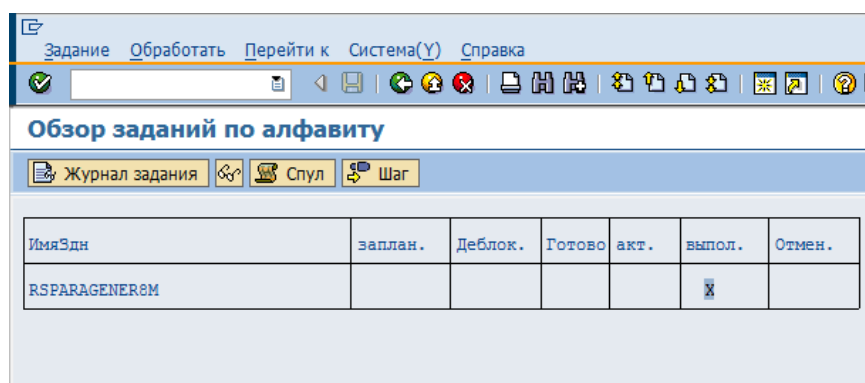
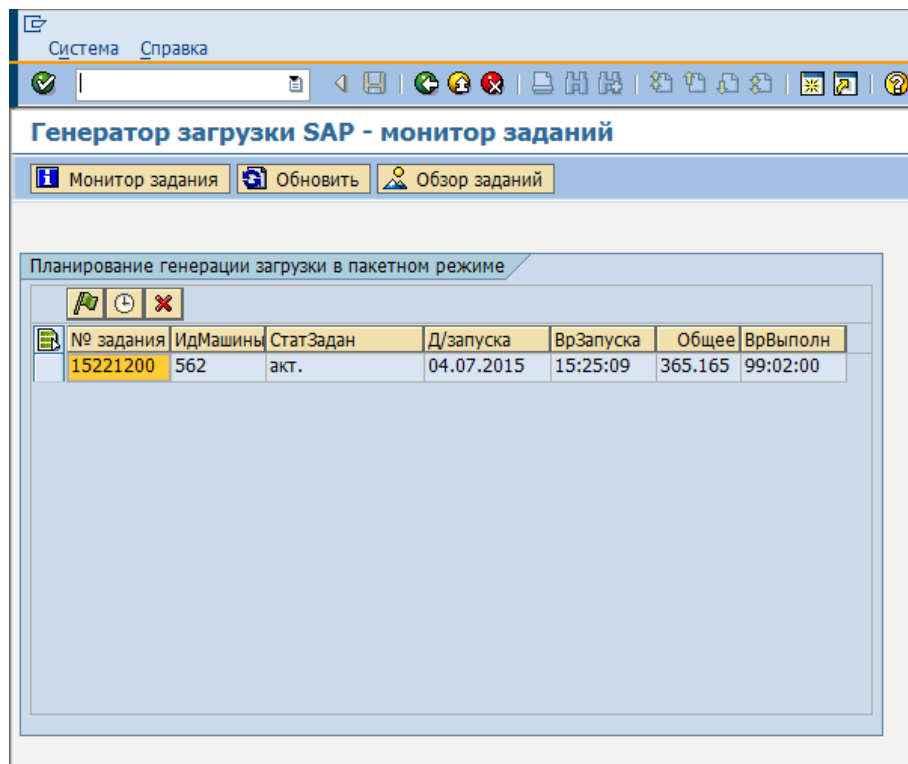
И выполнить следующие команды ORACLE:

```
SQL> exec dbms_scheduler.disable('GATHER_STATS_JOB');
SQL> exec dbms_scheduler.disable('ORACLE_OCM.MGMT_CONFIG_JOB');
SQL> exec dbms_scheduler.disable('ORACLE_OCM.MGMT_STATS_CONFIG_JOB');
SQL> exec DBMS_AUTO_TASK_ADMIN.DISABLE;
```

23. Во всех мандантах, кроме 000 и 001 пароли пользователей SAP* и DDIC стандартные (не Master Password). Войти в каждый из рабочих мандантов (800, 810, 811, 812) пользователем DDIC с паролем '19920706' и, создавая своего пользователя, сбросить пароли пользователей SAP* и DDIC на Master Password.
24. Генерация объектов в системе. Транзакция SGEN. Выбор всех компонент. Запуск генерации.

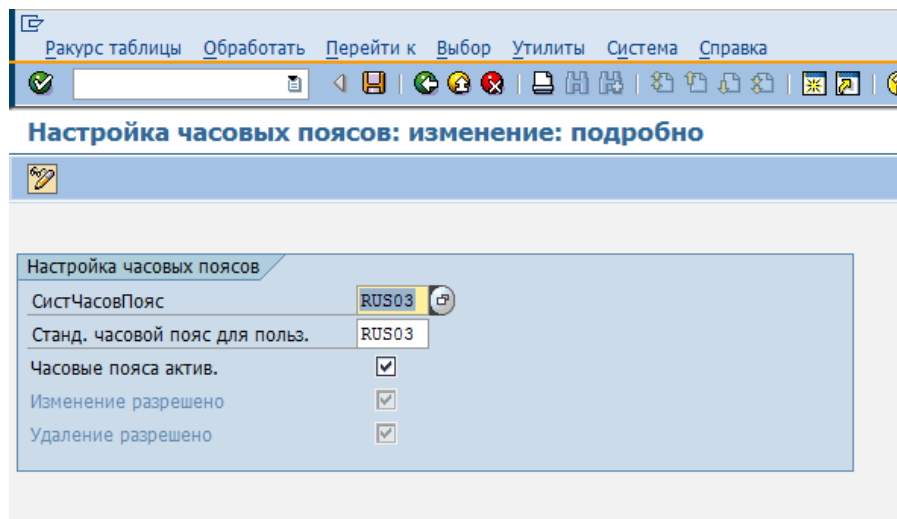






Общее время генерации — 3 часа 50 минут.
Размер базы увеличился на 19 Гб (итоговый размер: 310 Гб).

25. Настройка часового пояса в транзакции STZAC.



26. Пробное выполнение и планирование в планировщике базы данных (транзакция DB13) периодических стандартных операций CheckDB, UpdateStatistic.
27. После установки системы в ней активна временная лицензия на срок 3 месяца + 7 дней. В течении этого времени необходимо запросить и установить постоянную лицензию в систему через транзакцию SLICENSE. Старые и временные можно удалить.
28. Настройка и создание резервной копии базы данных. Создание директории F:\backups\DB. Редактирование файла D:\oracle\EI7\11203\database\initEI7.sap:
backup_dev_type = disk
compress = brtools
backup_root_dir = F:\backups\DB
exec_parallel = 4

В транзакции DB13 планирование задания «Offline Complete DB Backup».

The screenshot displays the Oracle Enterprise Manager interface for scheduling a new operation. The window title is 'EI7(3)/800 Запланировать новую операцию'. The 'Description of operation' tab is active, showing the operation name 'Offline Complete DB Backup', the start date '06.07.2015', and the start time '14:00:00'. The status field is empty. Below this, the 'Parameters of operation' tab is selected. It shows a table for 'Tapes for Database Backup' with columns 'Generic tape name' and 'Actual tape name'. Below the table are icons for adding, deleting, and saving tapes. The 'Options for Database Backup (BRBACKUP)' section shows the profile 'initel7.sap', a checkbox for 'BRBACKUP backup verification' which is unchecked, and three radio buttons for verification methods: 'using DBVERIFY' (selected), 'using RMAN', and 'standard verify'. At the bottom, there are buttons for 'Добавить' (Add), 'Отменить' (Cancel), and 'Выполнить немедленно' (Execute immediately).

Длительность ~ 50 минут. Размер сжатой резервной копии – 80 Гб.