

OID 11g install for EBS 11i

Base OS:

Red Hat 5 update 5 32bit

32 bit for java compatibility. Can be done with 64bit but needs a few extra steps.

Verify all host information (i.e. /etc/hosts, dns)

Oracle Validate rpm and control-center install for pre-reqs

Links:

10g Admin: <http://server.example.com:7777/sso>

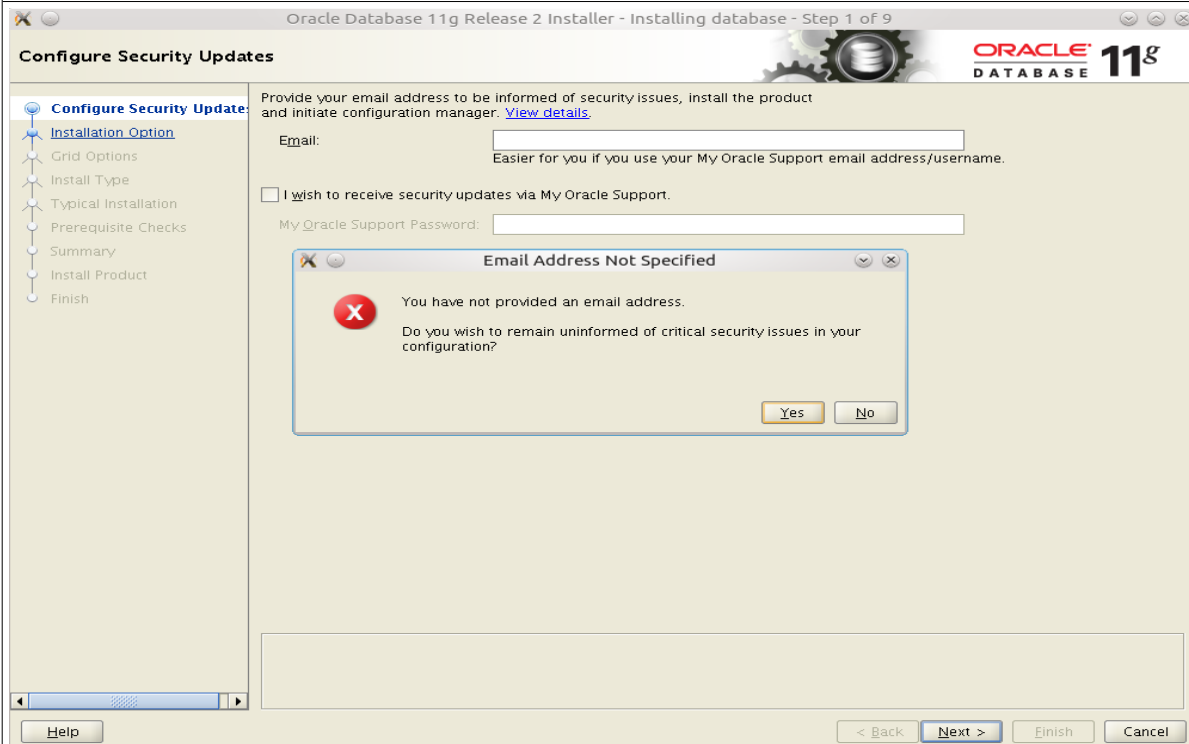
Oracle EM: <http://server.example.com:7001/em>

WebLogic: <http://server.example.com:7001/console>

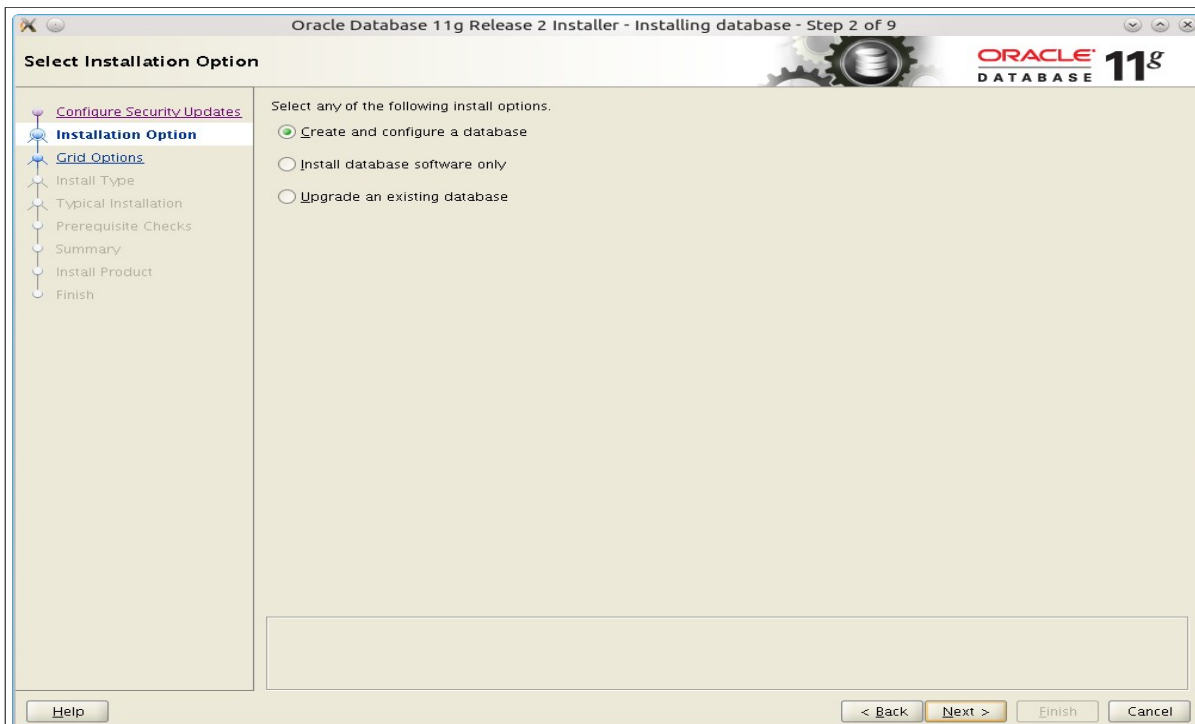
OID Directory: <http://server.example.com:7005/odsm>

Install DB

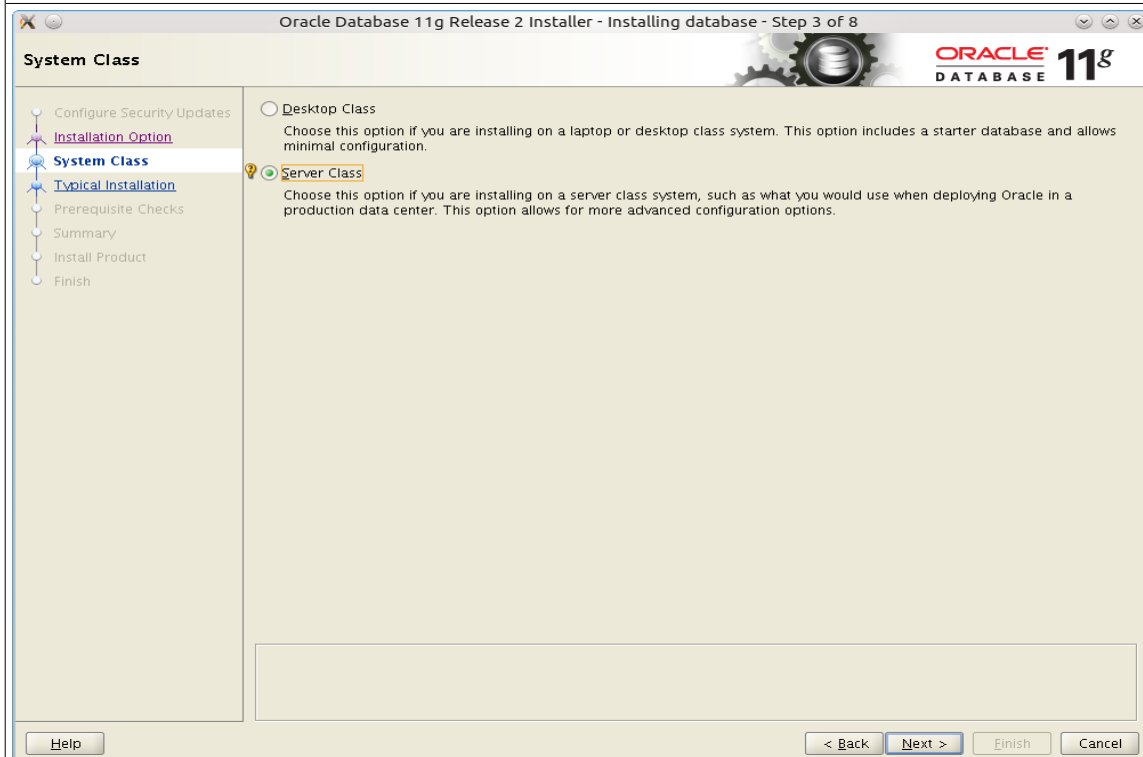
/mnt/NFSTemp/Media/11gR2/32bit/database/runInstaller



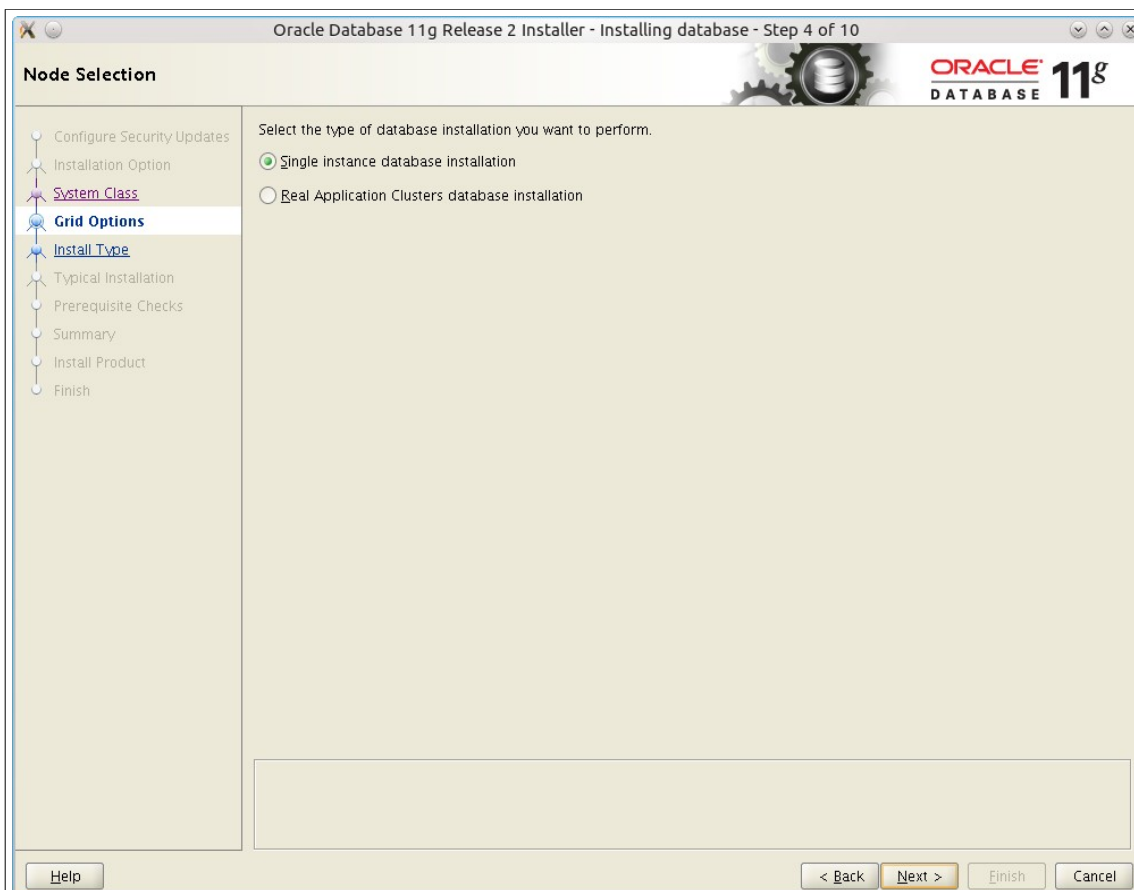
Uncheck receive updates, click Next, and click Yes.



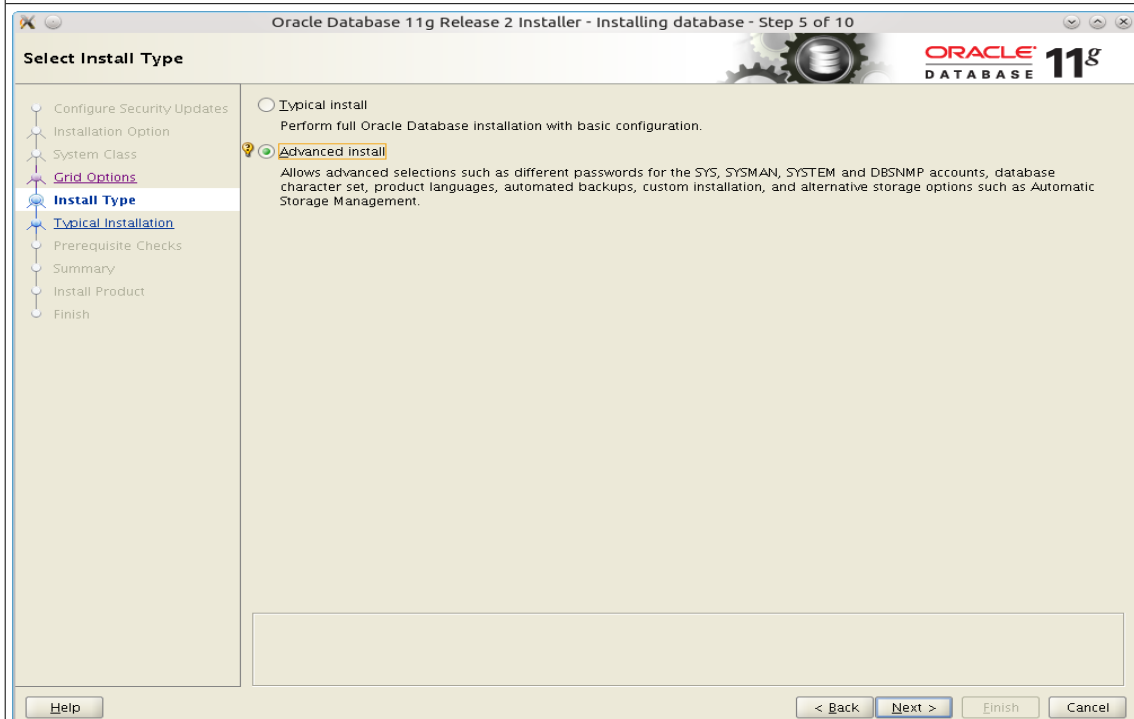
Select Create and configure and click Next.



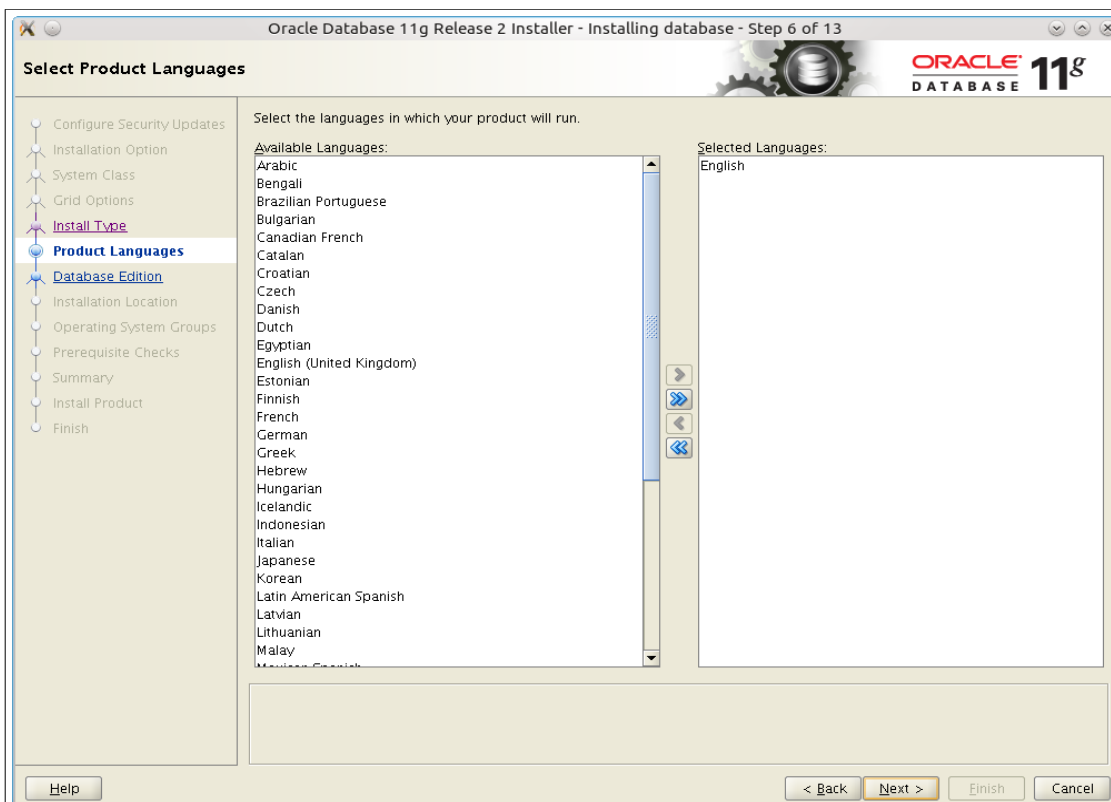
Select Server Class and click Next.



Select Single and click Next.



Select Advanced and click Next.



Select English and click Next.



Select Enterprise and click Next.

Oracle Database 11g Release 2 Installer - Installing database - Step 8 of 13

Specify Installation Location

Specify an Oracle base path to place all Oracle software and configuration-related files. This location is the Oracle base directory.

Oracle Base:

Specify a location for storing Oracle software files. This location is the Oracle home directory.

Software Location:

Navigation:

- Configure Security Updates
- Installation Option
- System Class
- Grid Options
- Install Type
- Product Languages
- Database Edition
- Installation Location**
- Operating System Groups
- Prerequisite Checks
- Summary
- Install Product
- Finish

Enter required locations as shown and click Next.

Oracle Database 11g Release 2 Installer - Installing database - Step 9 of 13

Create Inventory

You are starting your first installation on this host. Specify a directory for installation files. This directory is called the "inventory directory". The installer automatically sets up subdirectories for each product to contain inventory data. The subdirectory for each product typically requires 150 kilobytes of disk space.

Inventory Directory:

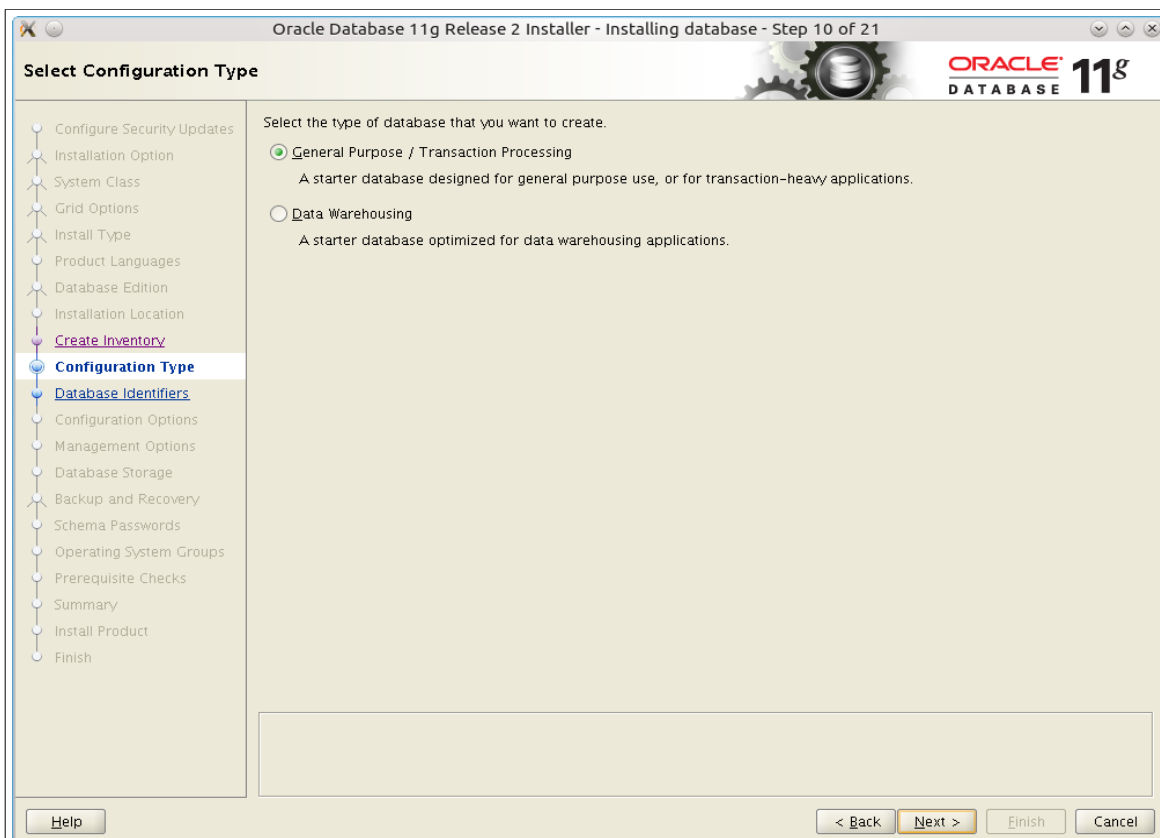
Specify an operating system group whose members have write permission to the inventory directory (orainventory).

orainventory Group Name:

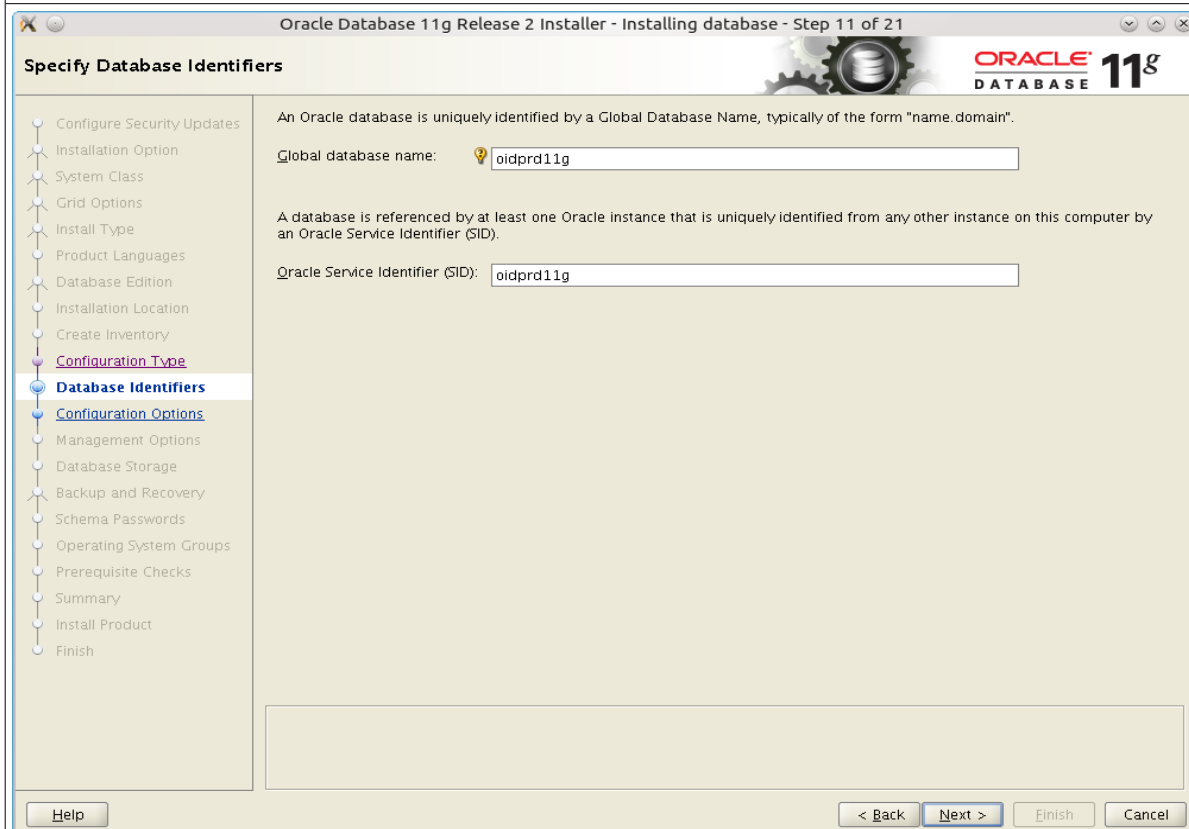
Navigation:

- Configure Security Updates
- Installation Option
- System Class
- Grid Options
- Install Type
- Product Languages
- Database Edition
- Installation Location
- Create Inventory**
- Prerequisite Checks
- Summary
- Install Product
- Finish

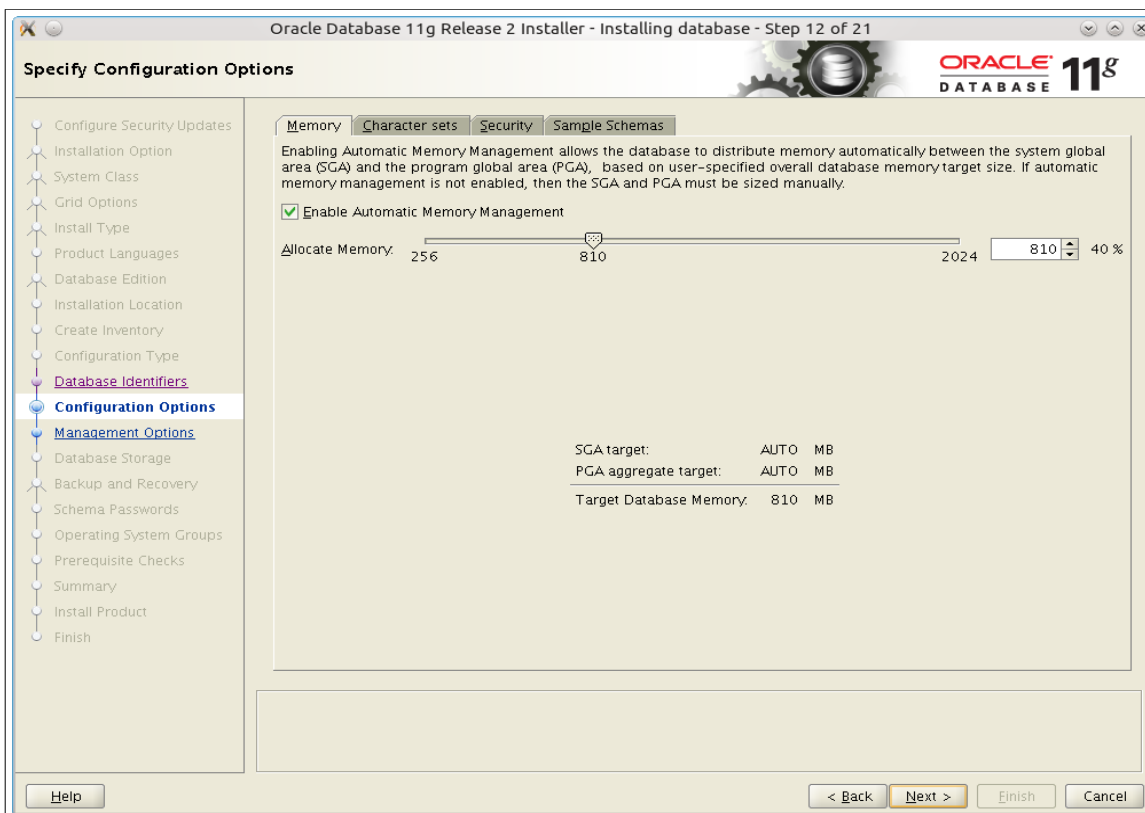
Enter required locations as shown and click Next.



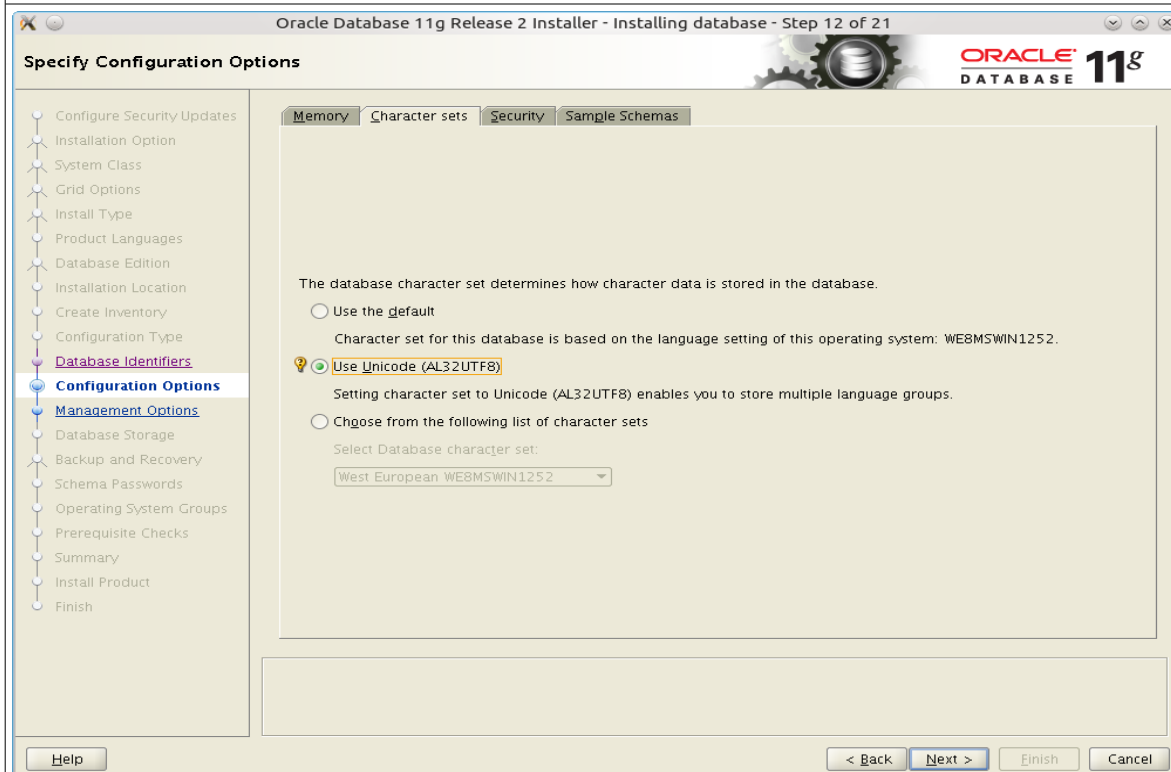
Select General and click Next.



Enter name and sid as shown and click Next.



Leave default and click Next.



Select Unicode and Click Next.



Uncheck new settings and click Next.



Uncheck sample and click Next.

Oracle Database 11g Release 2 Installer - Installing database - Step 13 of 21

Specify Management Options

You can use Oracle Enterprise Manager 11g Grid Control to manage each Oracle Database 11g centrally, or manage each database locally using Oracle Enterprise Manager 11g Database Control. For Grid Control, specify the Oracle Management Service to manage your database. For Database Control, you can indicate if you want to receive email notifications for alerts.

Select the management options for your instance.

☐ Use an existing Grid Control for database management.

Management Service:

☒ Use Database Control for database management.

☐ Enable email notifications.

Outgoing mail (SMTP) server:

Email address:

Leave blank and click Next.

Oracle Database 11g Release 2 Installer - Installing database - Step 14 of 21

Specify Database Storage Options

☒ File System

Use a file system for database storage. For optimal database organization and performance, Oracle recommends that you install data files and the Oracle database software on different disks. If you intend to use Automatic Storage Manager File System (ASMFS) as the storage option, then select Automatic Storage Management.

Specify database file location?

☐ Automatic Storage Management

Automatic Storage Management (ASM) simplifies database storage administration, and places database files for optimal I/O performance. Select this option if you intend to use either ASM, or Automatic Storage Management File System.

Specify password of ASMSNMP user:

Enter location shown and click Next.

Oracle Database 11g Release 2 Installer - Installing database - Step 15 of 21

Specify Recovery Options

Select to enable or disable automated backups for your database. If enabled, then the Backup Job uses the specified recovery area storage.

☒ Do not enable automated backups

☐ Enable automated backups

Recovery area storage

☒ File System

Recovery Area location:

☐ Automatic Storage Management

Backup Job Operating System credentials

Username: Password:

Select no auto backups and click Next.

Oracle Database 11g Release 2 Installer - Installing database - Step 16 of 21

Specify Schema Passwords

The starter database contains pre-loaded schemas, most of which have passwords that are expired and locked at the end of installation. After installation is complete, you must unlock and set new passwords for those accounts you want to use. Schemas used for database management and postinstallation functions are left unlocked, and passwords for these accounts will not expire. Specify the passwords for these accounts.

☐ Use different passwords for these accounts

	Password	Confirm password
SYS		
SYSTEM		
SYSTEM		
DBSNMP		

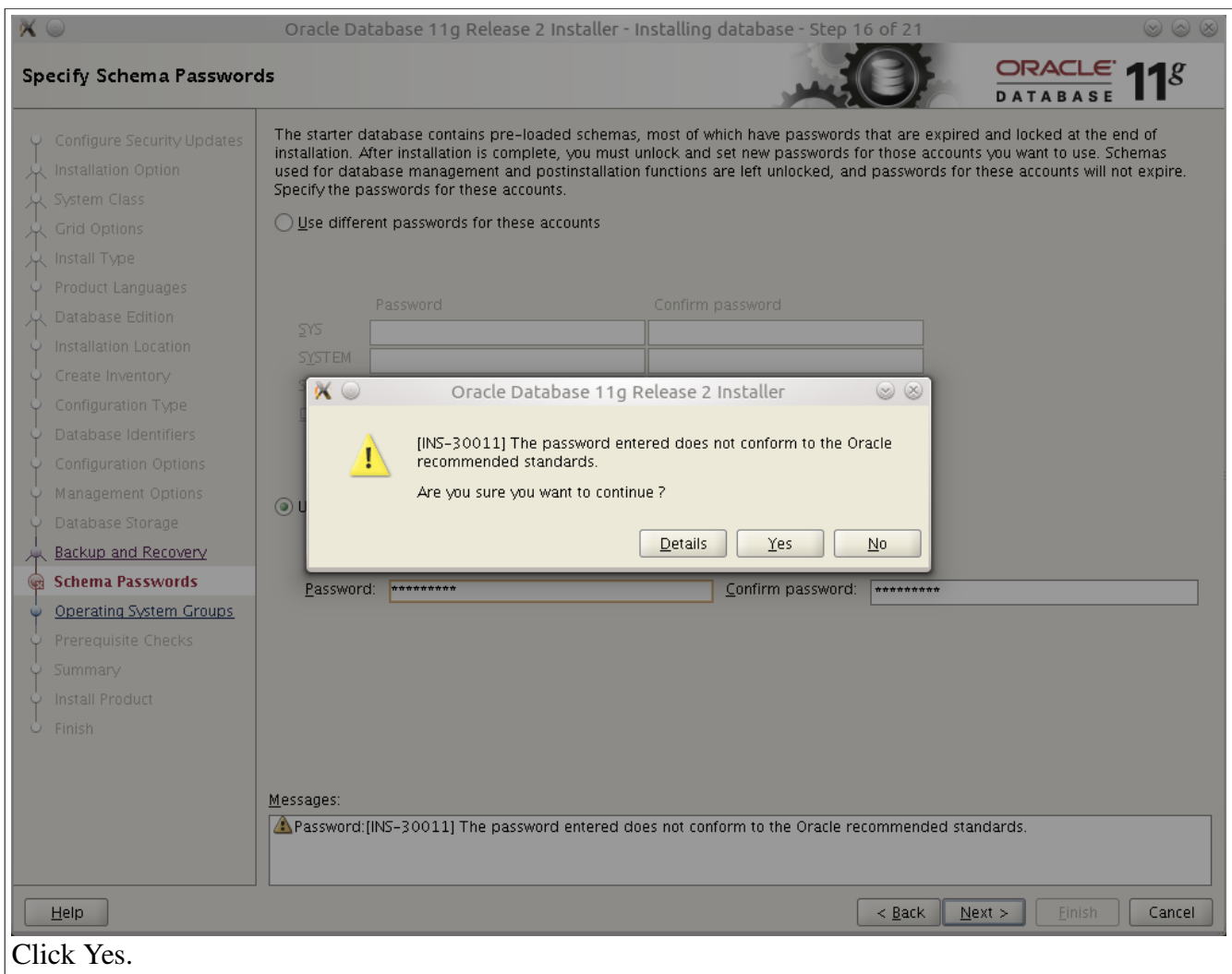
☒ Use the same password for all accounts

Password: Confirm password:

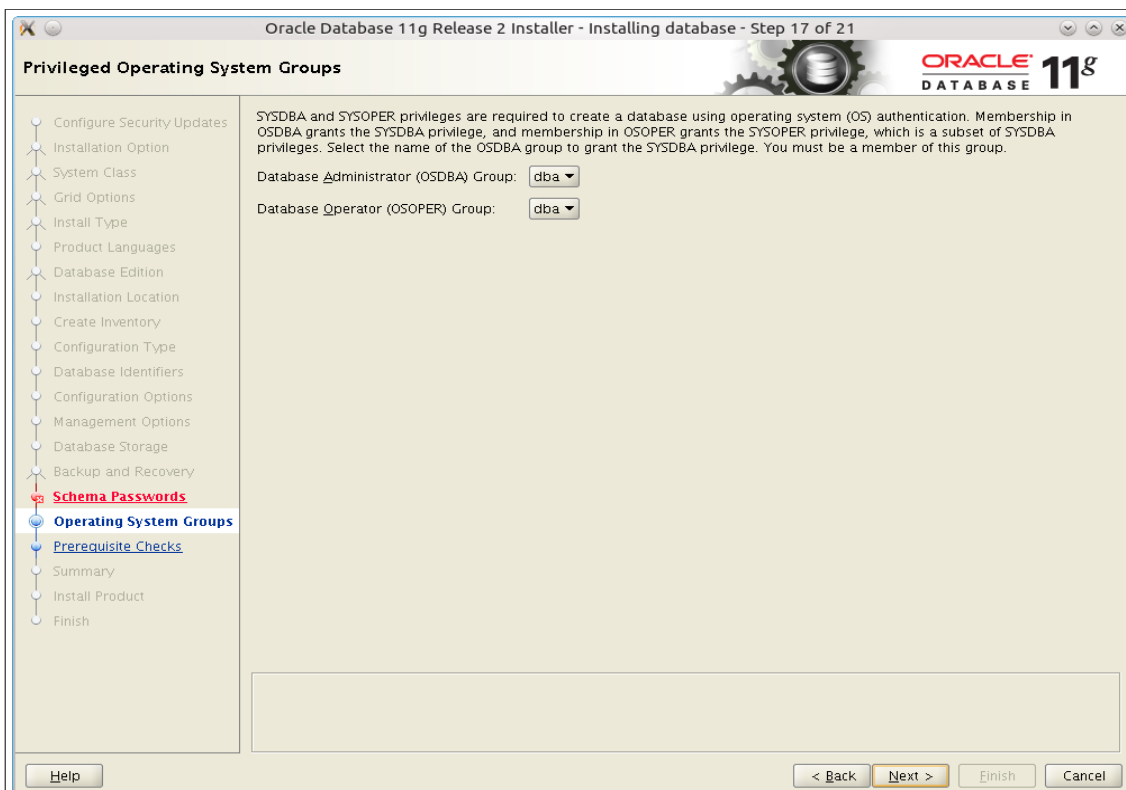
Messages:

 Password:[INS-30011] The password entered does not conform to the Oracle recommended standards.

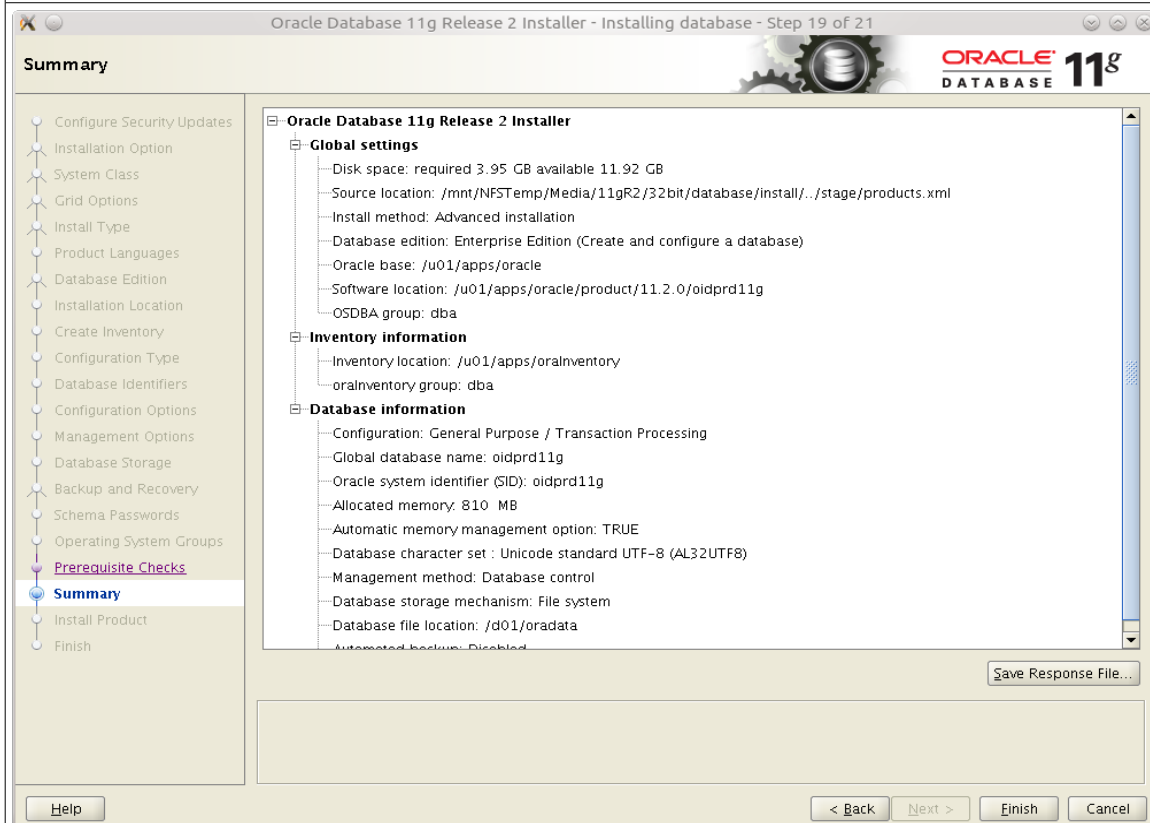
Select same password and enter password, click Next.



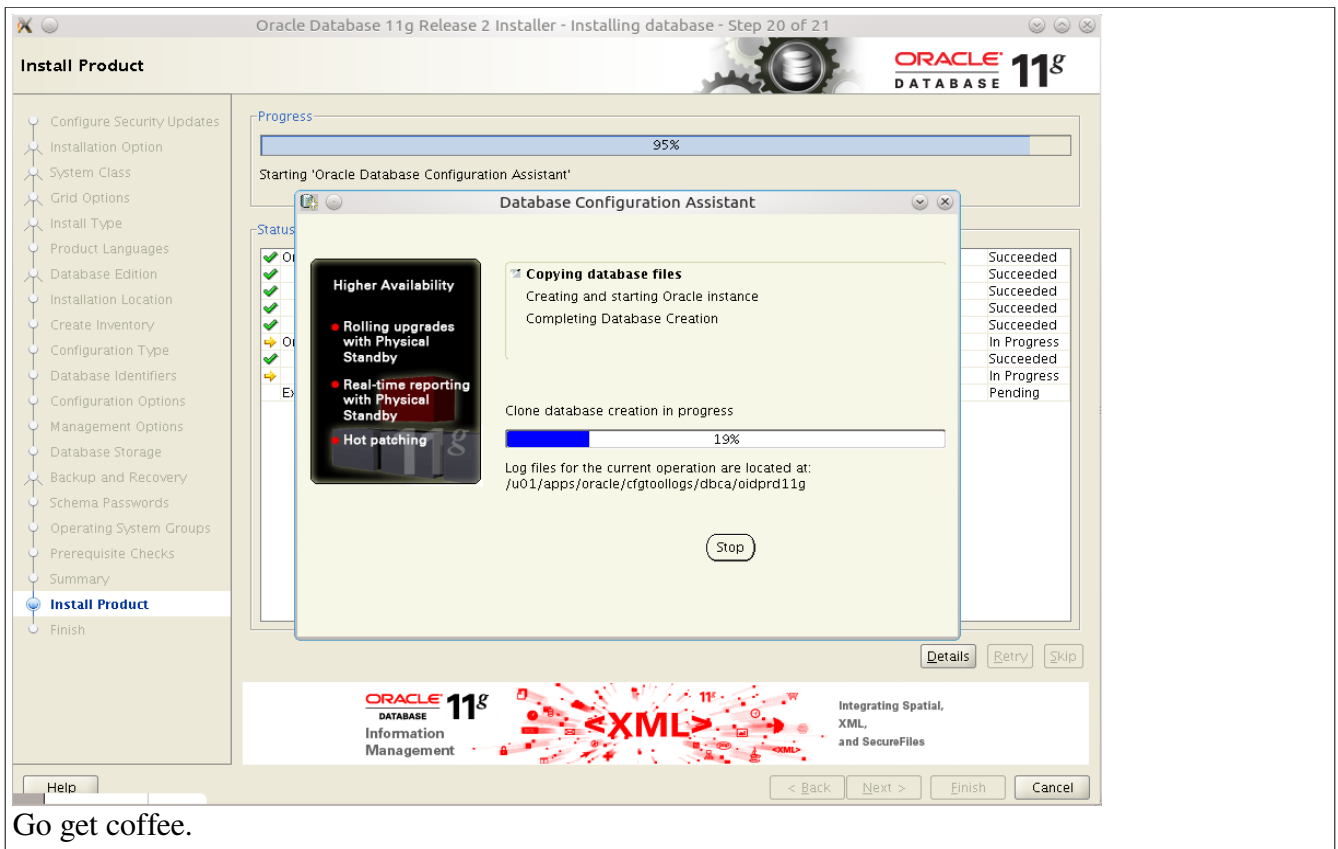
Click Yes.



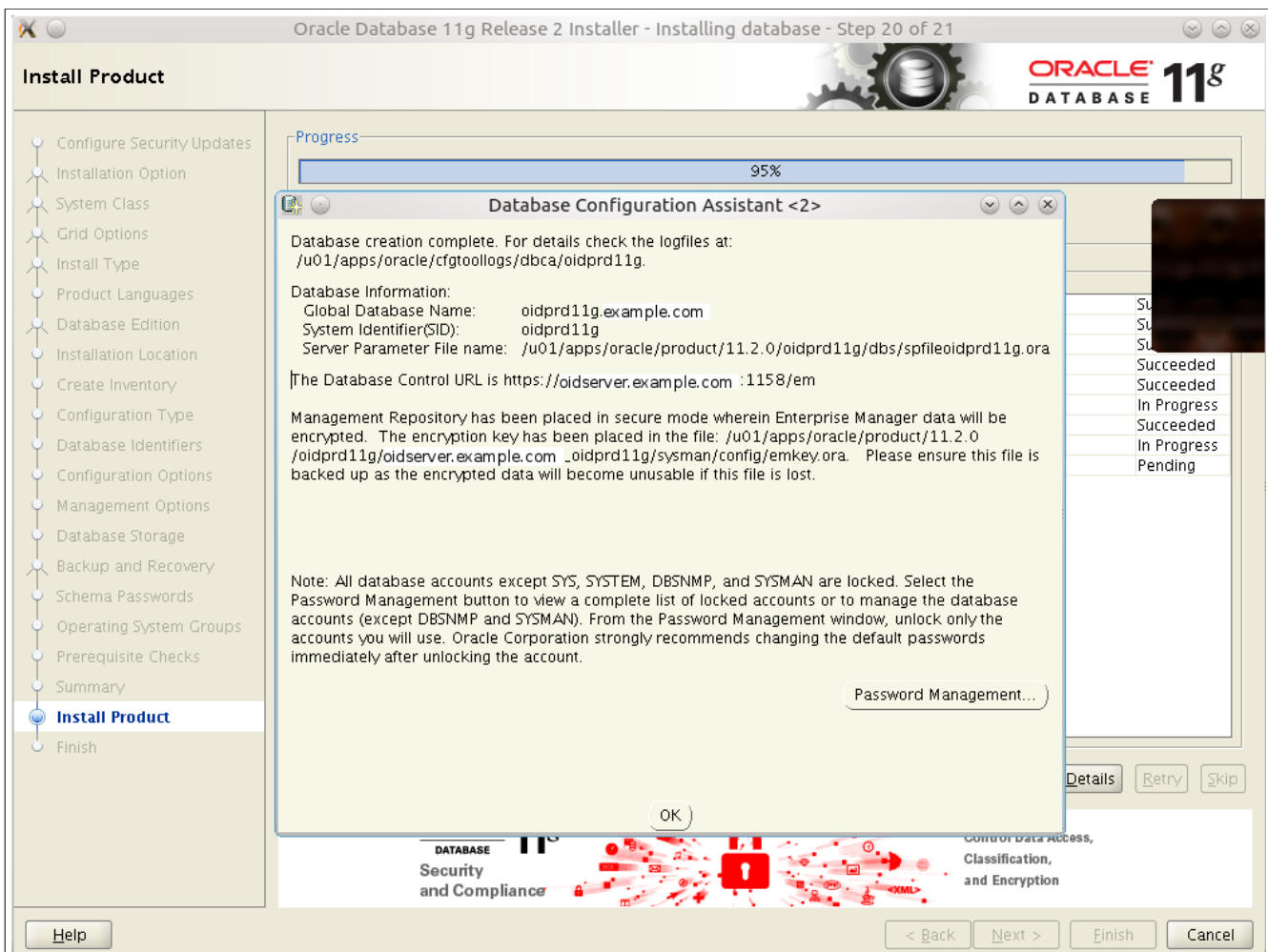
Leave default dba and click Next.



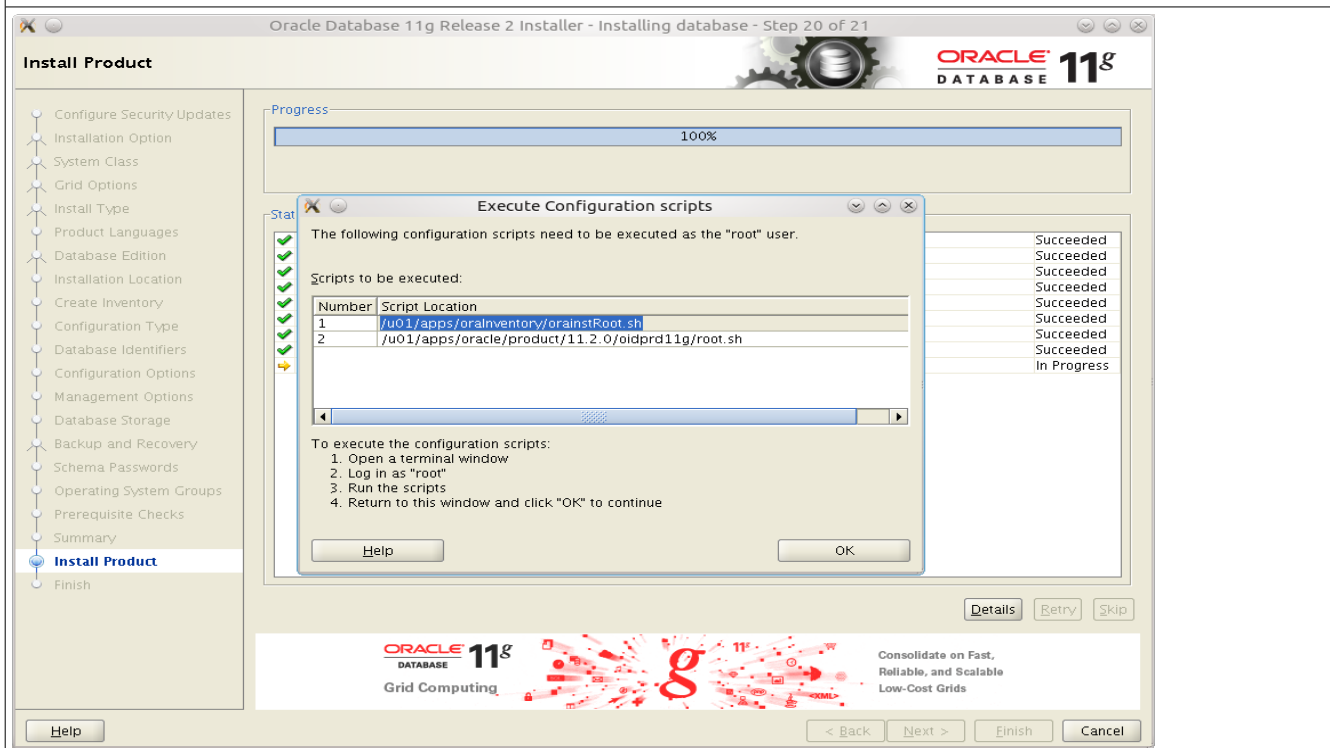
Click Finish.



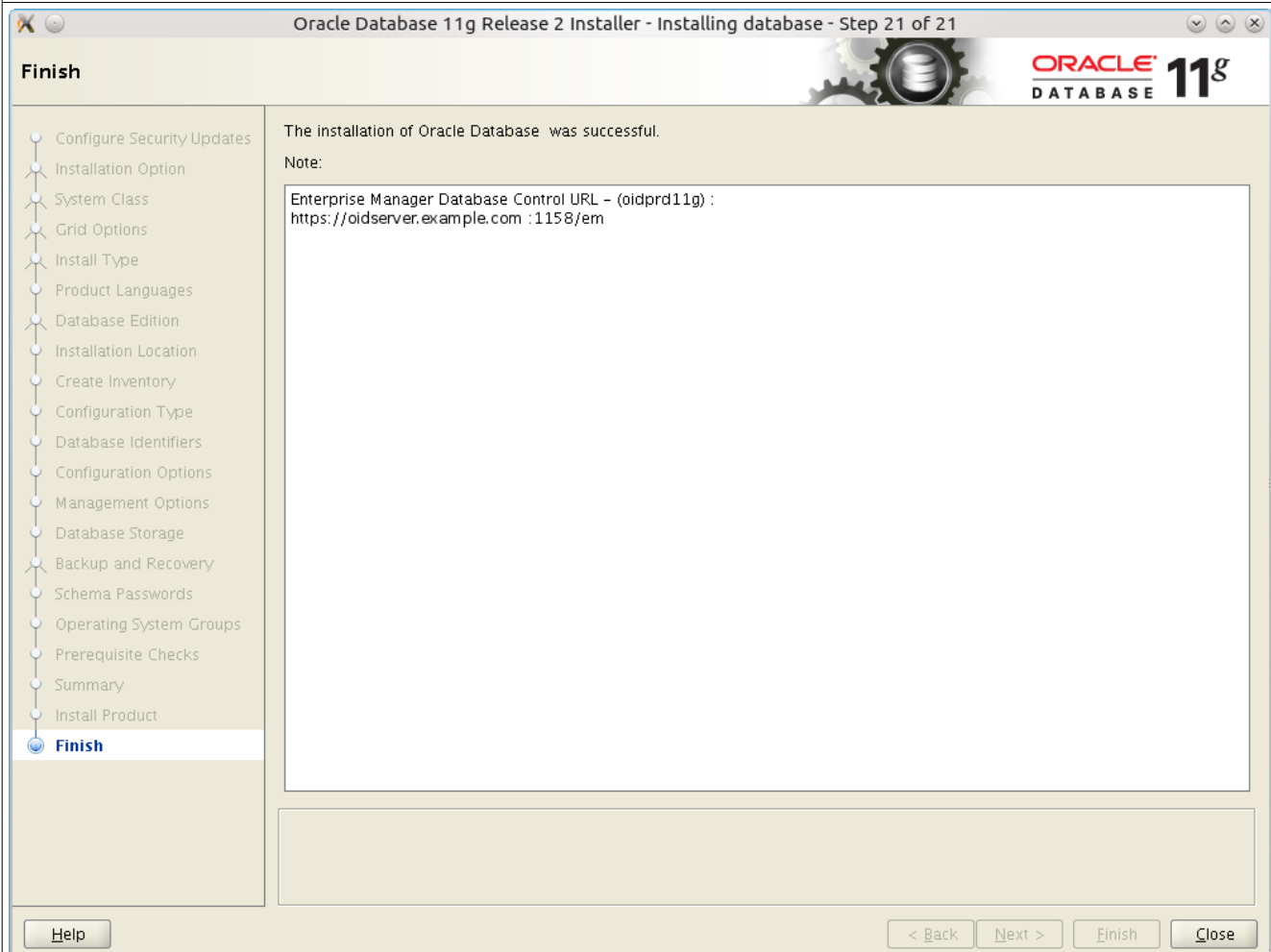
Go get coffee.



Click OK.



Run both scripts shown as root. After scripts are ran click OK.



Click OK.

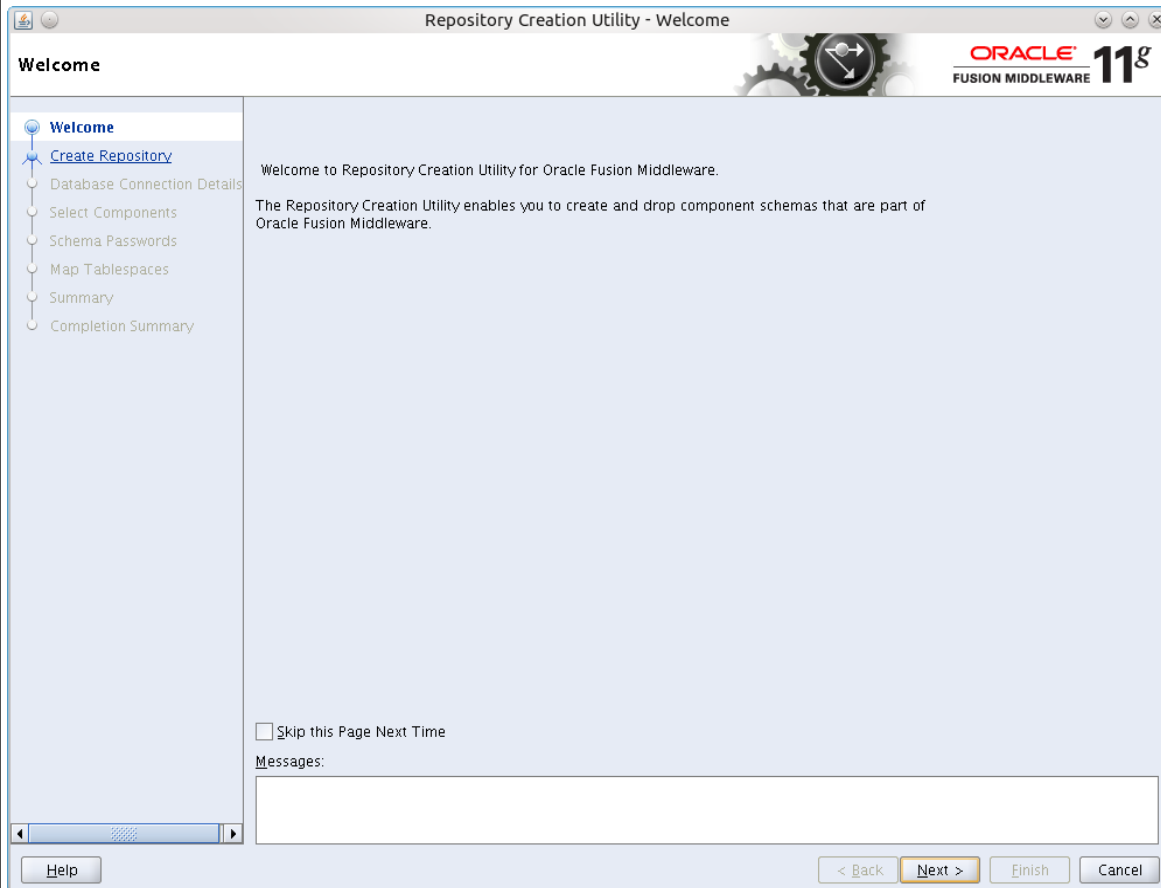
Set needed db parameters:

```
alter system set open_cursors=500 scope=both;  
alter system set processes=500 scope=spfile;  
alter system set pga_aggregate_target=96M scope=both;  
alter system set java_pool_size=120M scope=both;  
alter system set shared_pool_size=175M scope=both;  
alter system set db_cache_size=144M scope=both;  
alter system set aq_tm_processes=1 scope=both;
```

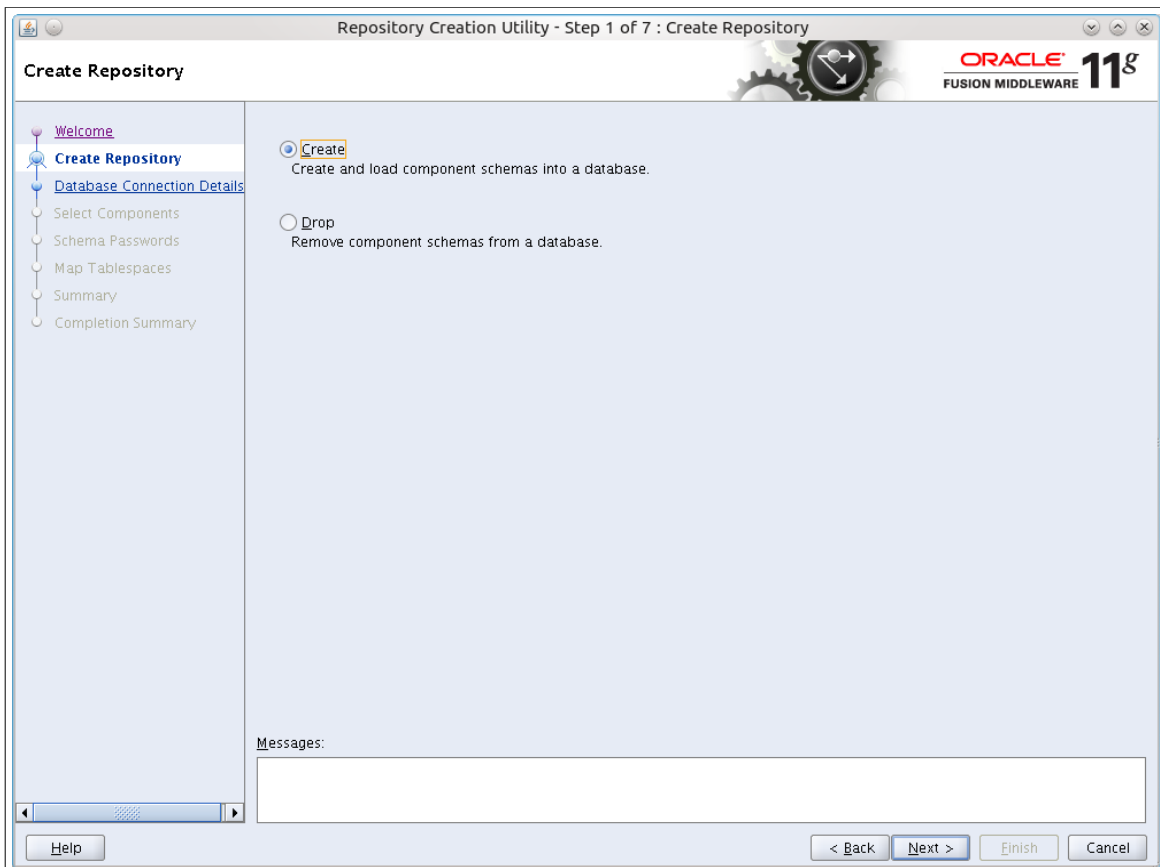
Restart DB.

RCU

/mnt/NFSTemp/Media/SSO/rcuHome/bin/rcu



Click Next.



Select Create and click Next.

Repository Creation Utility - Step 2 of 7 : Database Connection Details

Database Connection Details

ORACLE 11g
FUSION MIDDLEWARE

Welcome

Create Repository

Database Connection Details

Select Components

Schema Passwords

Map Tablespaces

Summary

Completion Summary

Database Type:

Oracle Database

Host Name:

oidserver.example.com

For RAC database, specify VIP name or one of the Node name as Host name.

Port:

1521

Service Name:

oidprd11g

Username:

sys

User with DBA or SYSDBA privileges. Example: sys

Password:

••••••••

Role:

SYSDBA

One or more components may require SYSDBA role for the operation to succeed.

Messages:

Help

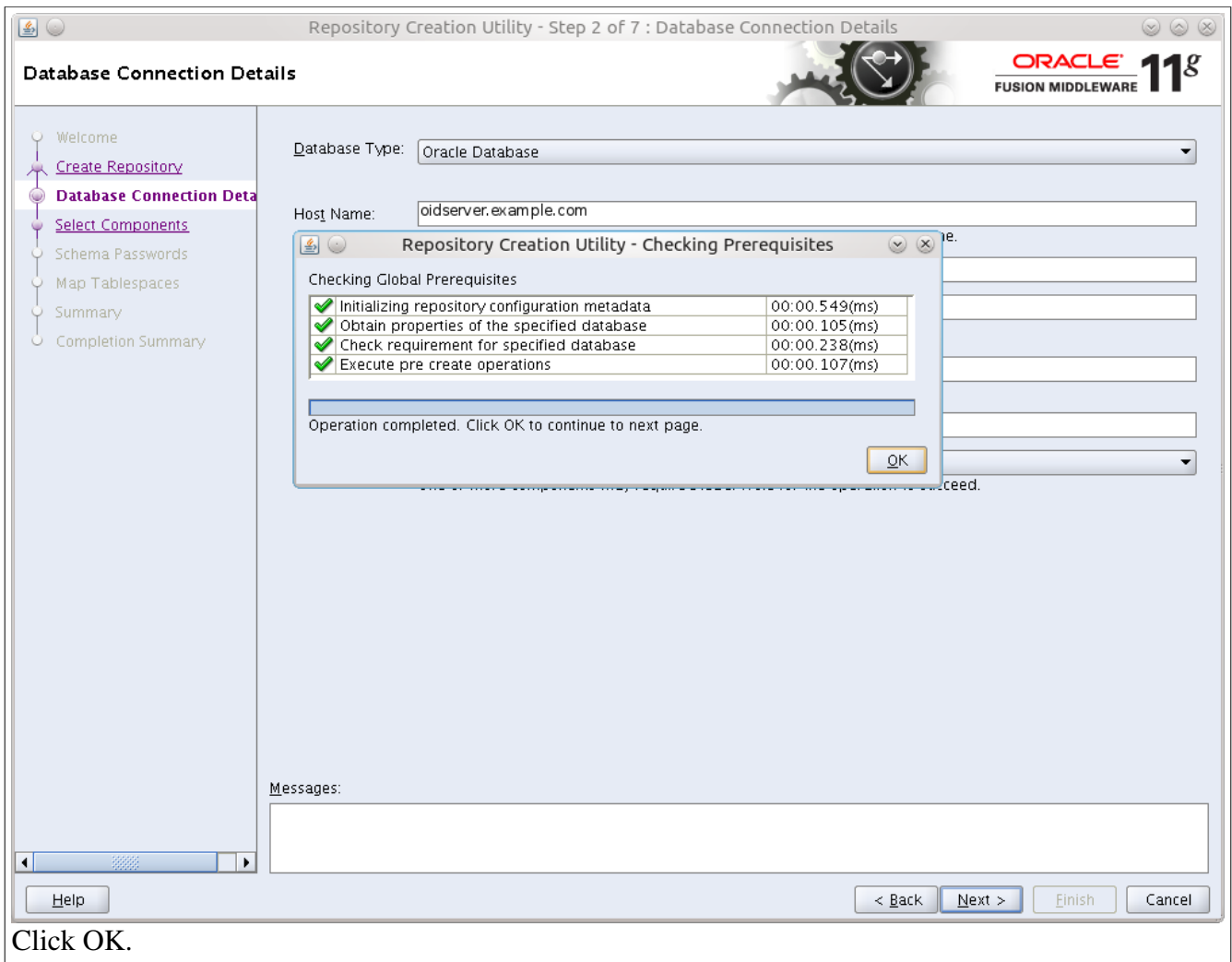
< Back

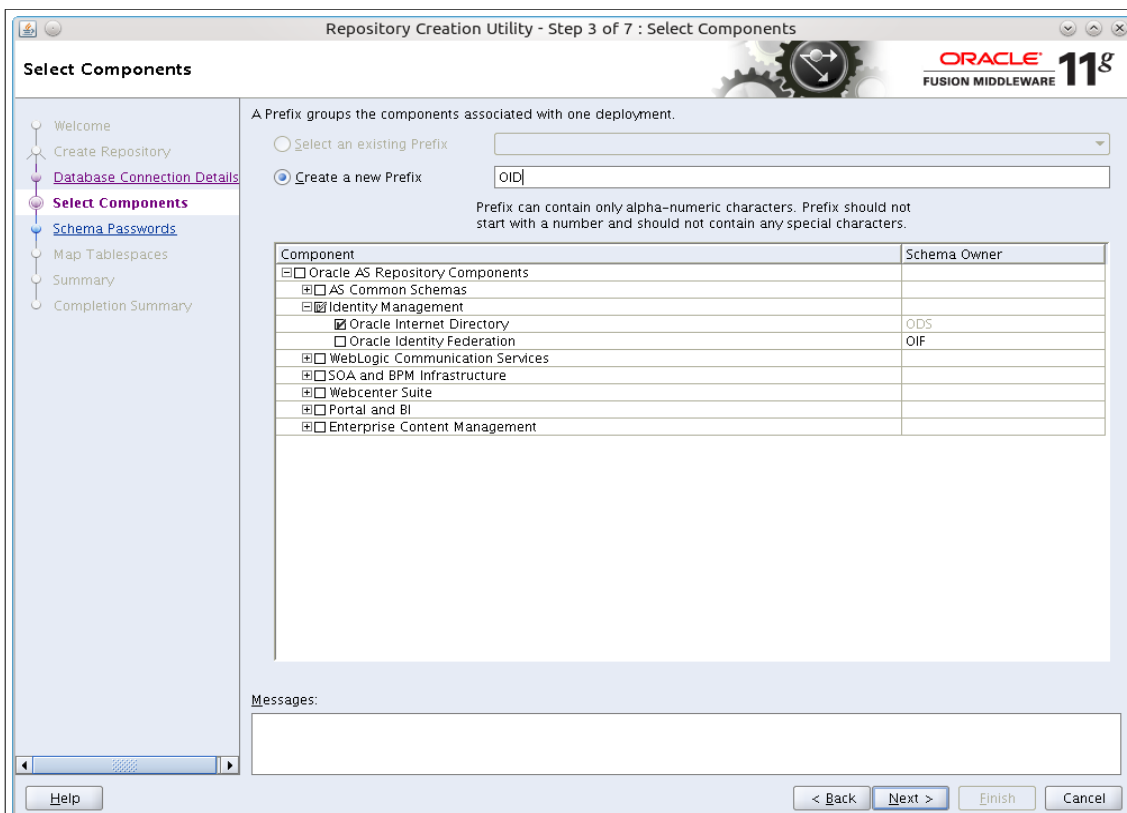
Next >

Finish

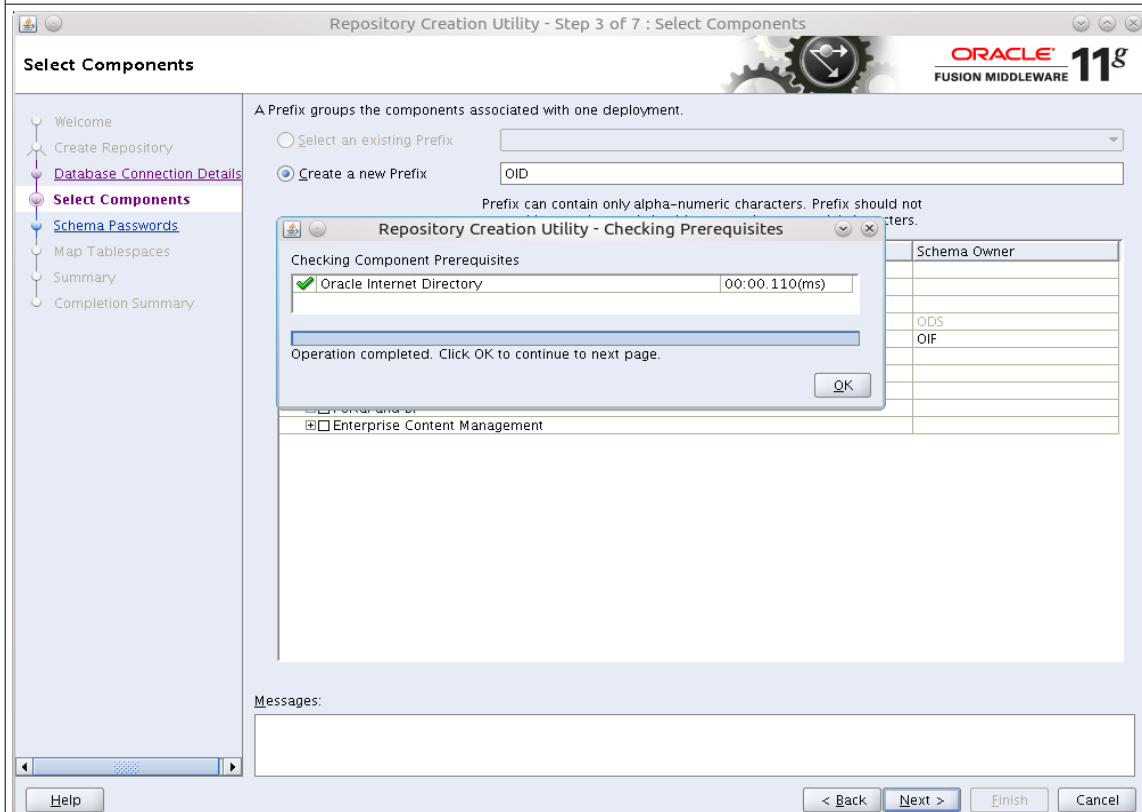
Cancel

Enter information as shown and click Next.





Select only OID and click Next.



Click OK.

Repository Creation Utility - Step 4 of 7 : Schema Passwords

Schema Passwords

Please enter the passwords for the main and additional (auxiliary) schema users. Password can contain alphabets, numbers and the following special characters: \$, #, _ . Password should not start with a number or a special character.

☒ Use same passwords for all schemas

Password:

Confirm Password:

☐ Use main schema passwords for auxiliary schemas

☒ Specify different passwords for all schemas

Component	Schema Owner	Schema Password	Confirm Password
Oracle Internet Directory	ODS		
Auxiliary Schema	ODSSM		

Messages:

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

Enter pass and click Next.

Repository Creation Utility - Step 5 of 7 : Map Tablespaces

Map Tablespaces

Choose tablespaces for the selected components. The default and temporary tablespaces are specified in the table below. To create new tablespaces or modify existing tablespaces click the 'Manage Tablespaces' button.

Component	Schema Owner	Default Tablespace	Temp Tablespace
Oracle Internet Directory	ODS	*OLTS_DEFAULT	*IAS_TEMP

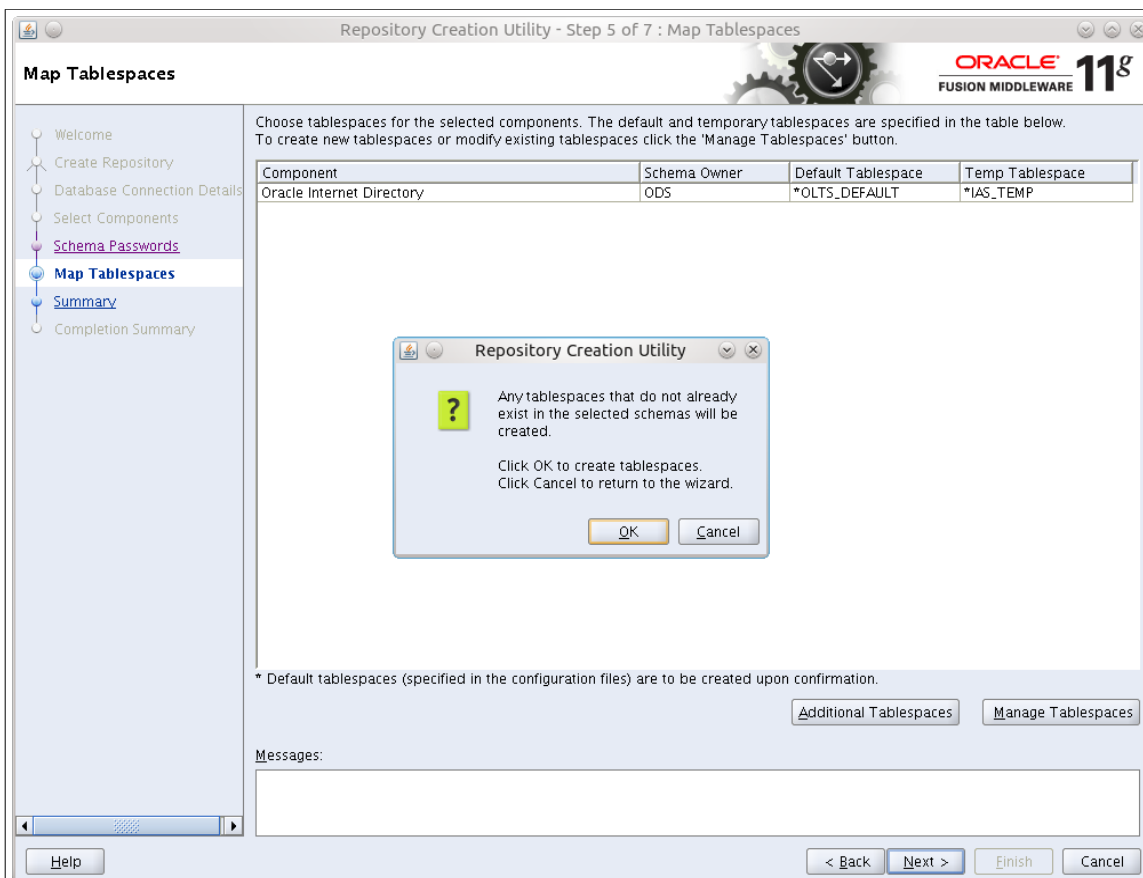
* Default tablespaces (specified in the configuration files) are to be created upon confirmation.

[Additional Tablespaces](#) [Manage Tablespaces](#)

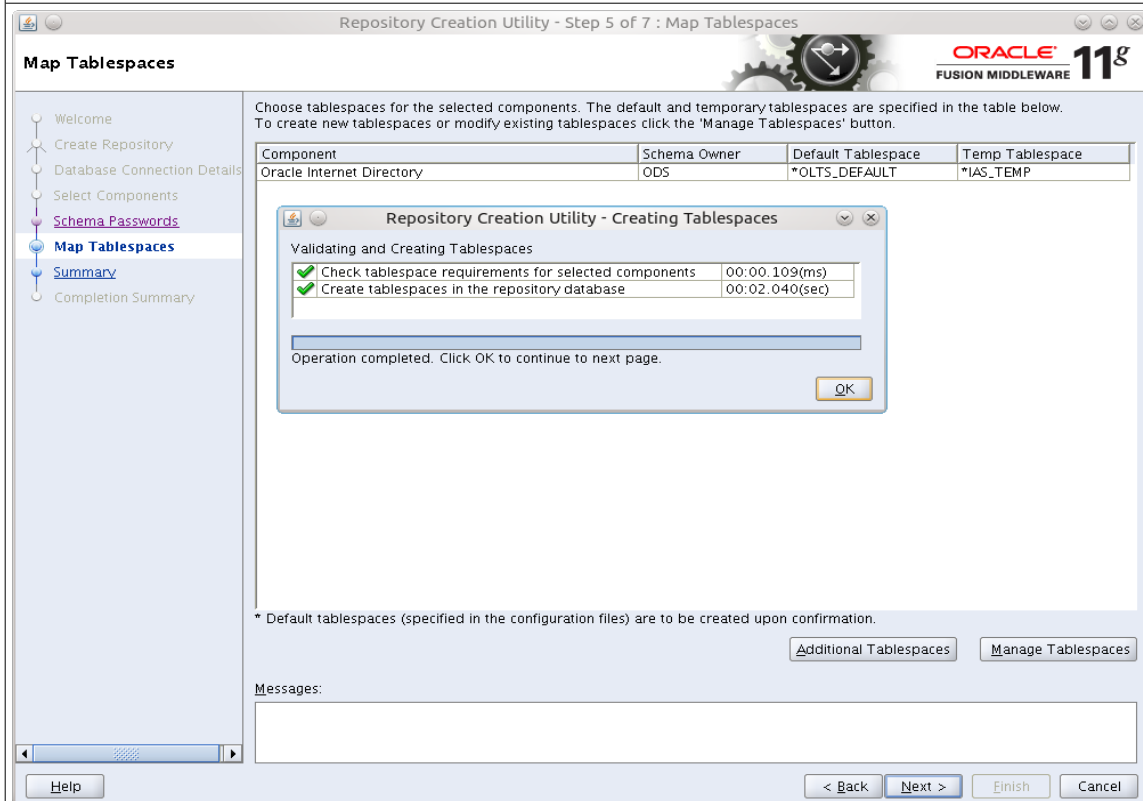
Messages:

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

Click Next.



Click OK.



Click OK.

Repository Creation Utility - Step 6 of 7 : Summary

Summary

Oracle 11g
FUSION MIDDLEWARE

Summary

Completion Summary

Database details:

Host Name: oidserver.example.com
Port: 1521
Service Name: ODP11G,example.com
Connected As: sys
Operation: Create

Prefix for (non-prefixable) Schema Owners:DEFAULT_PREFIX

Component	Schema Owner	Tablespace Type	Tablespace Name
Oracle Internet Directory	ODS	Default	OLTS_DEFAULT
		Temp	IAS_TEMP
		Additional	OLTS_ATTRSTORE
			OLTS_BATTRSTORE
			OLTS_CT_STORE
			OLTS_SVRMGSTORE

Help

< Back

Next >

Create

Cancel

Click Create.

Repository Creation Utility - Step 7 of 7 : Completion Summary

Completion Summary

- Welcome
- Create Repository
- Database Connection Details
- Select Components
- Schema Passwords
- Map Tablespaces
- Summary
- Completion Summary**

Database details:

Host Name: oidserver.example.com

Port: 1521

Service Name: ODPED11G,example.com

Connected As: sys

Operation: Create

RCU Logfile: /u01/apps/oracle/logdir.2010-12-23_13-01/rcu.log

Component Log Directory: /u01/apps/oracle/logdir.2010-12-23_13-01

Execution Time: 1 minute 22 seconds

Prefix for (non-prefixable) Schema Owners: DEFAULT_PREFIX

Component	Status	Logfile	Time
Oracle Internet Directory	Success	oid.log	01:15.435 (min)

Help

< Back

Next >

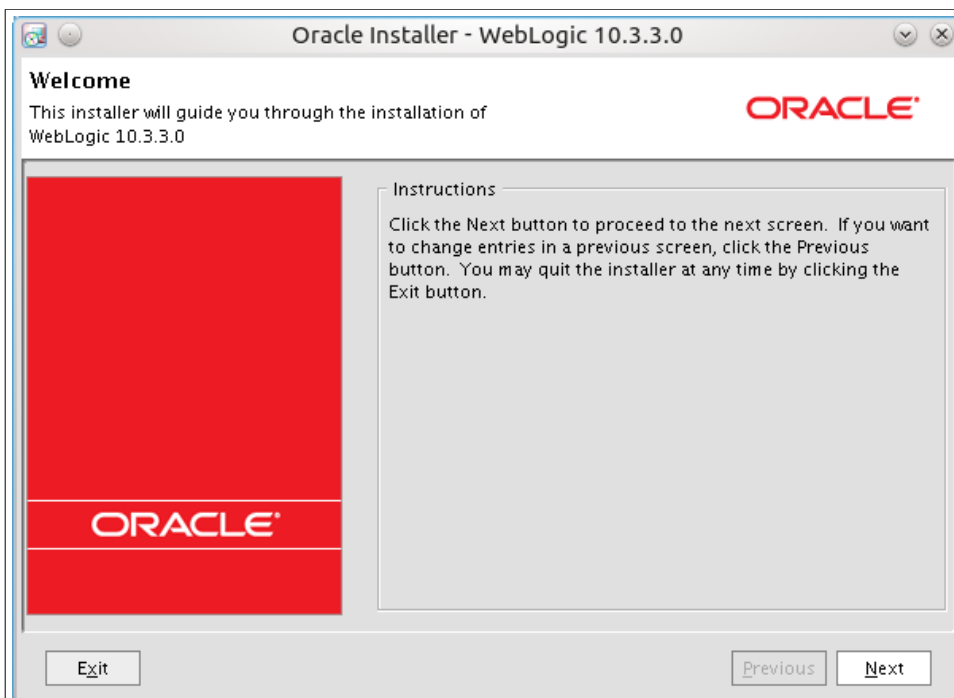
Create

Close

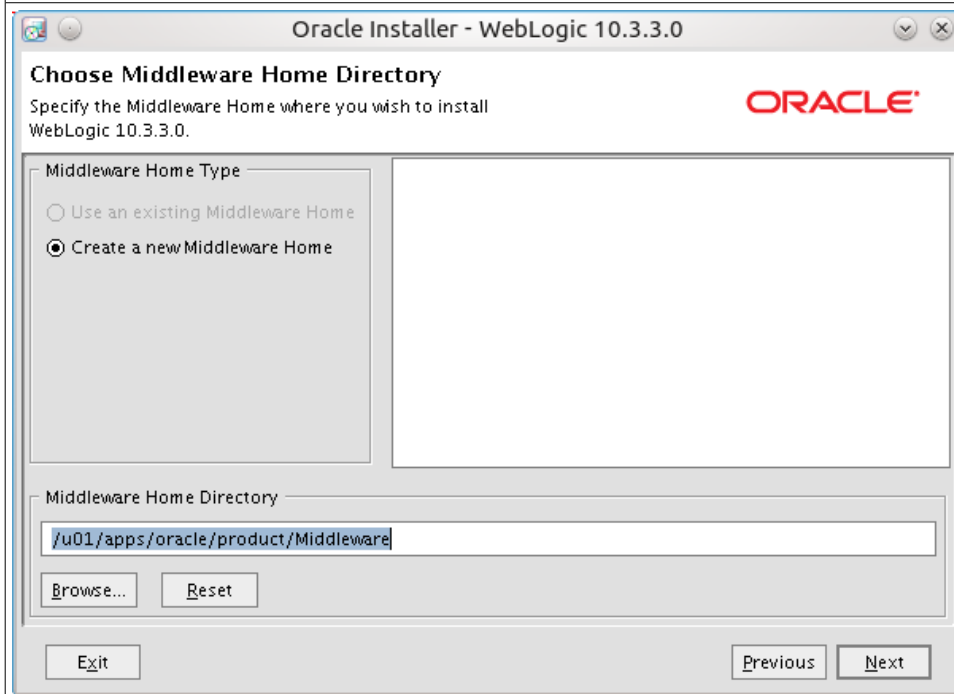
Click Close.

Install WebLogic

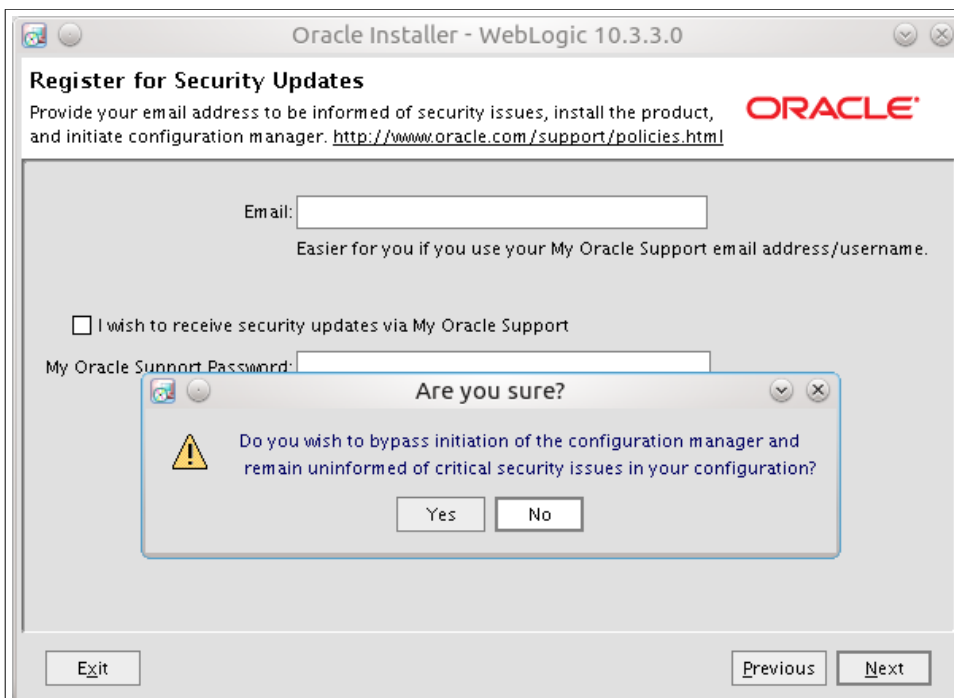
/mnt/NFSTemp/Media/WebLogic/wls1033_oepe111150_linux32.bin



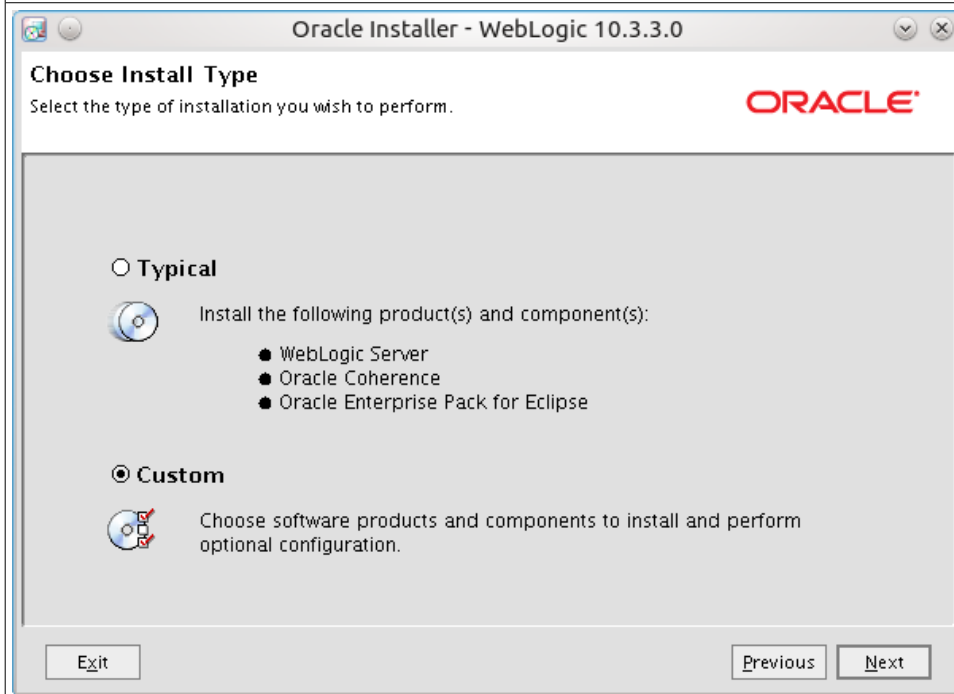
Click Next.



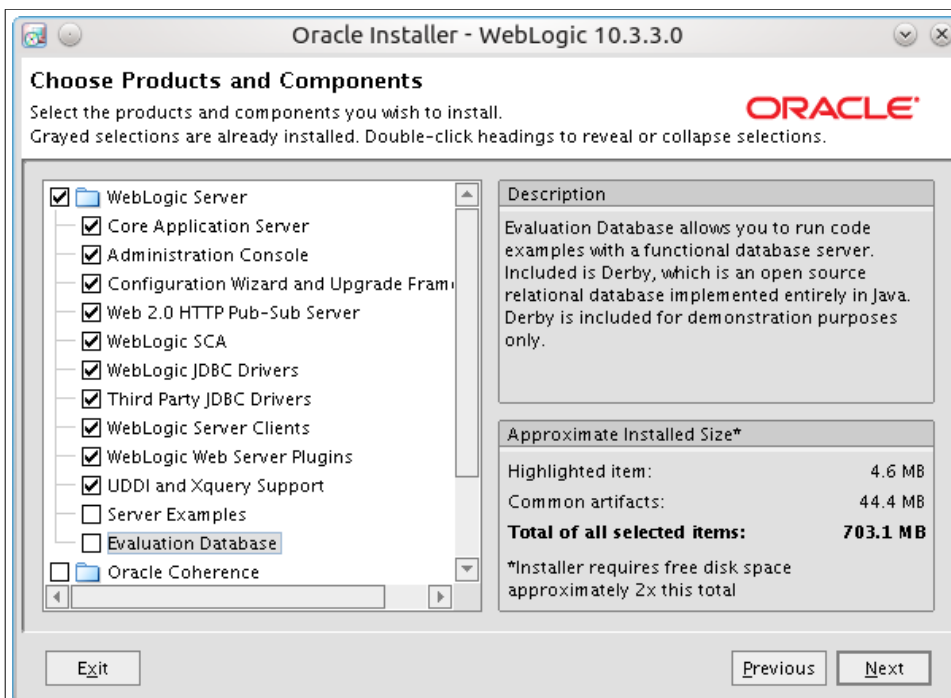
Enter location as shown and click Next.



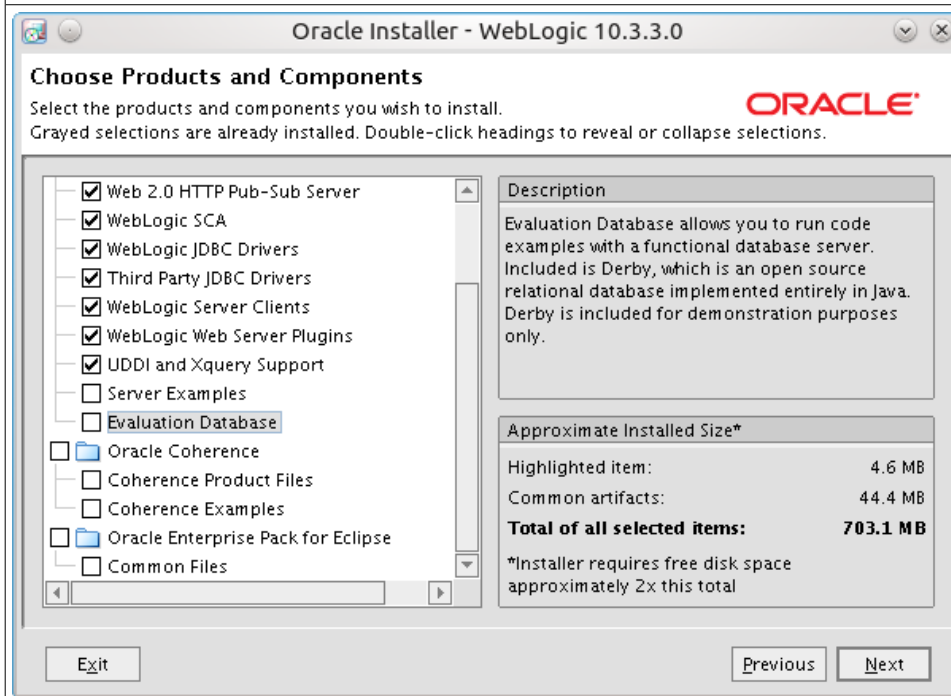
Unselect updates, click Next, click Yes.



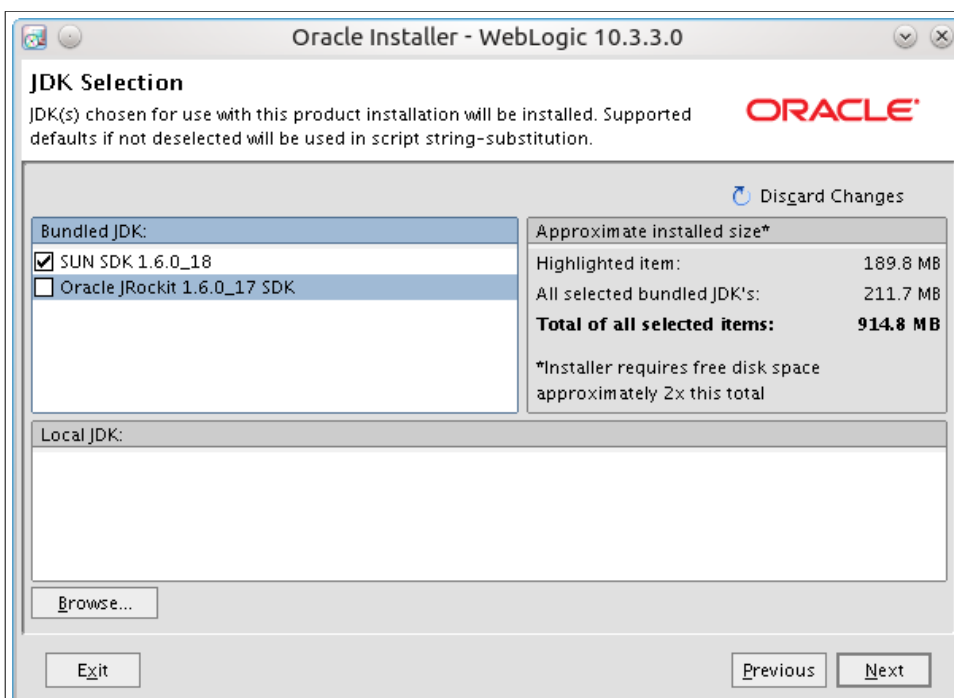
Select Custom and click Next.



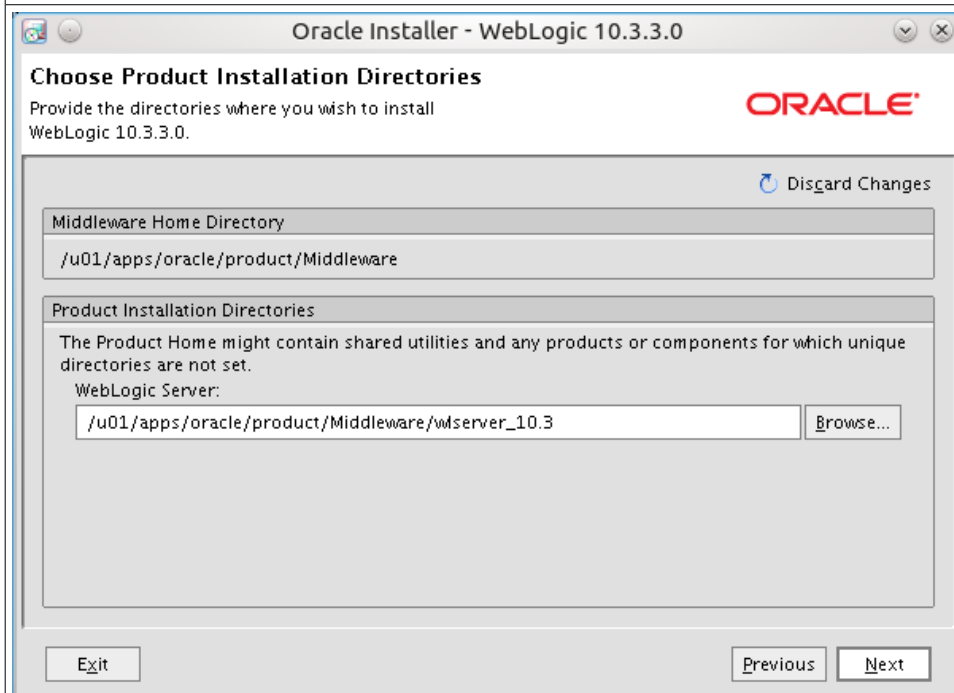
Unselect Eval DB.



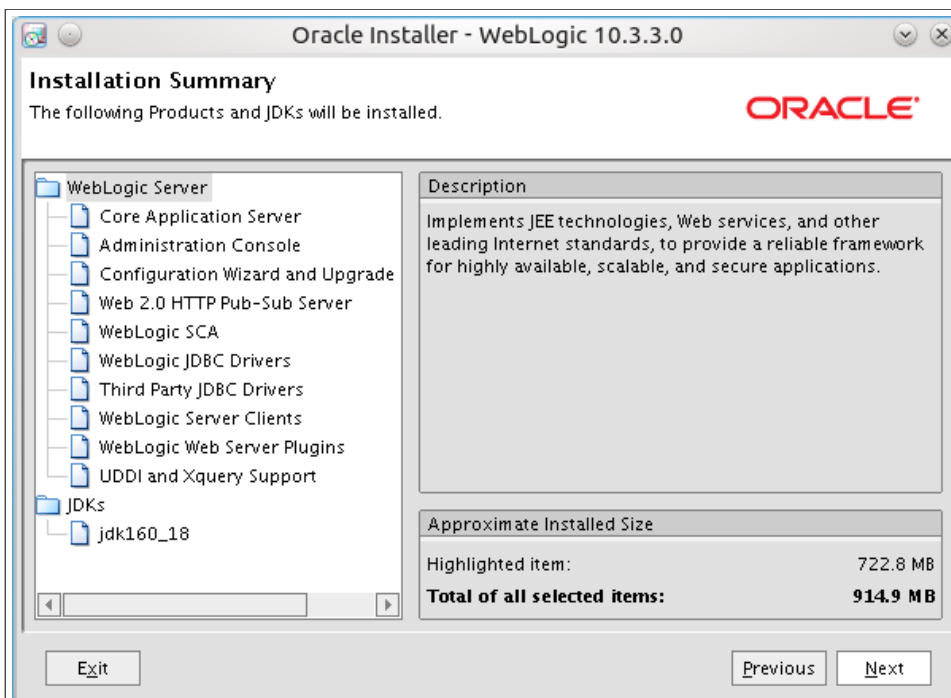
Unselect Coherence and Eclipse and click Next.



Unselect Jrockit and click Next.



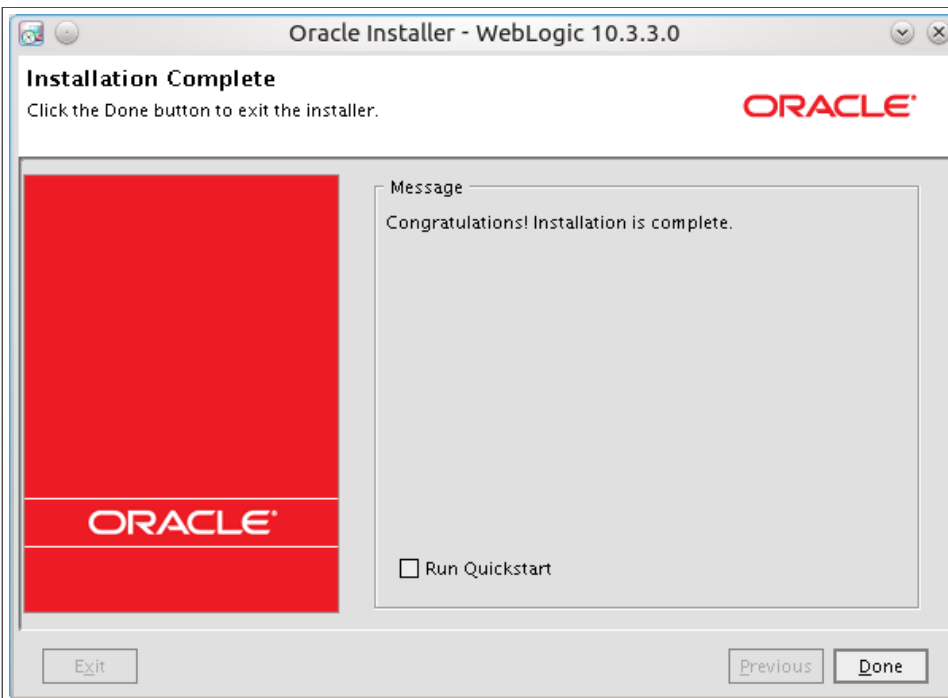
Enter location as shown and click Next.



Click Next.



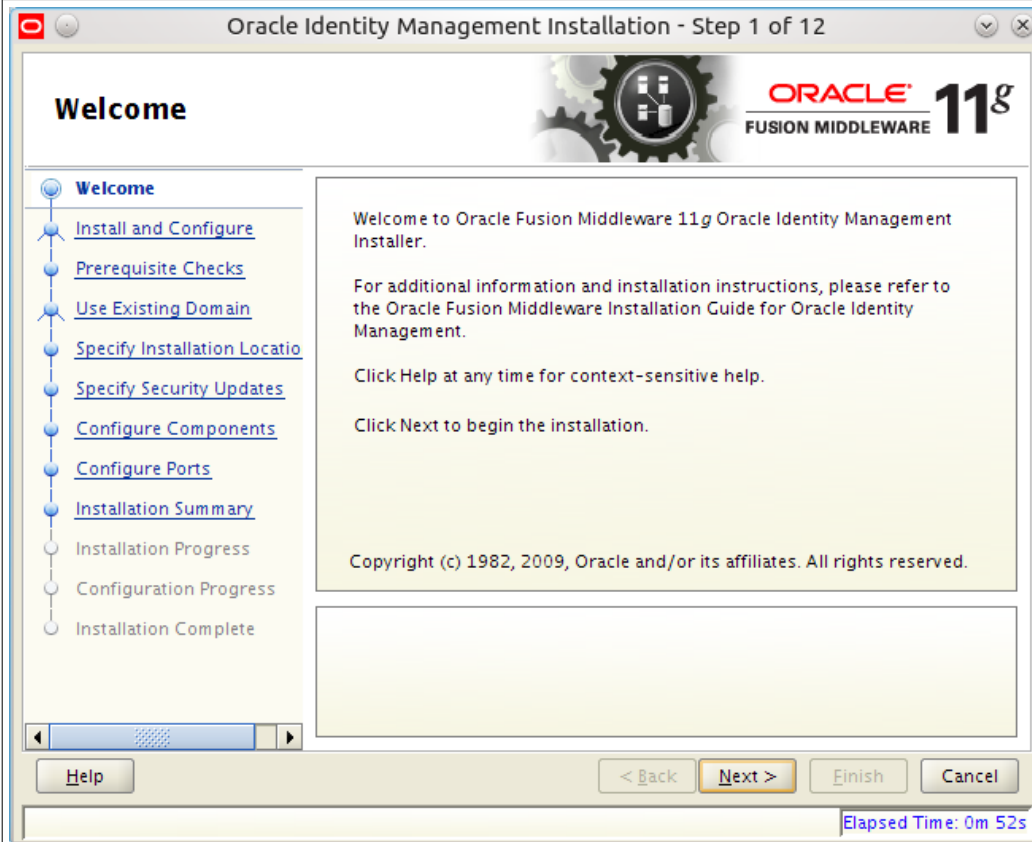
Go get coffee.



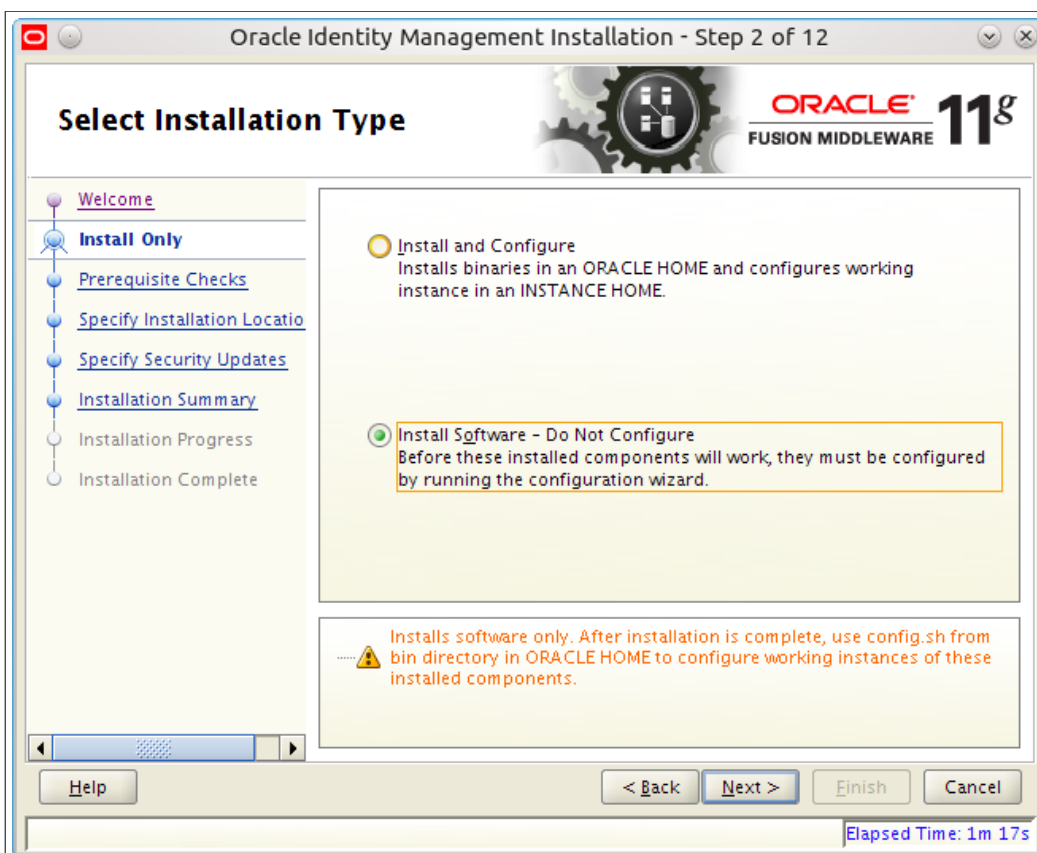
Unselect Quickstart and click Done.

Install OID 11g

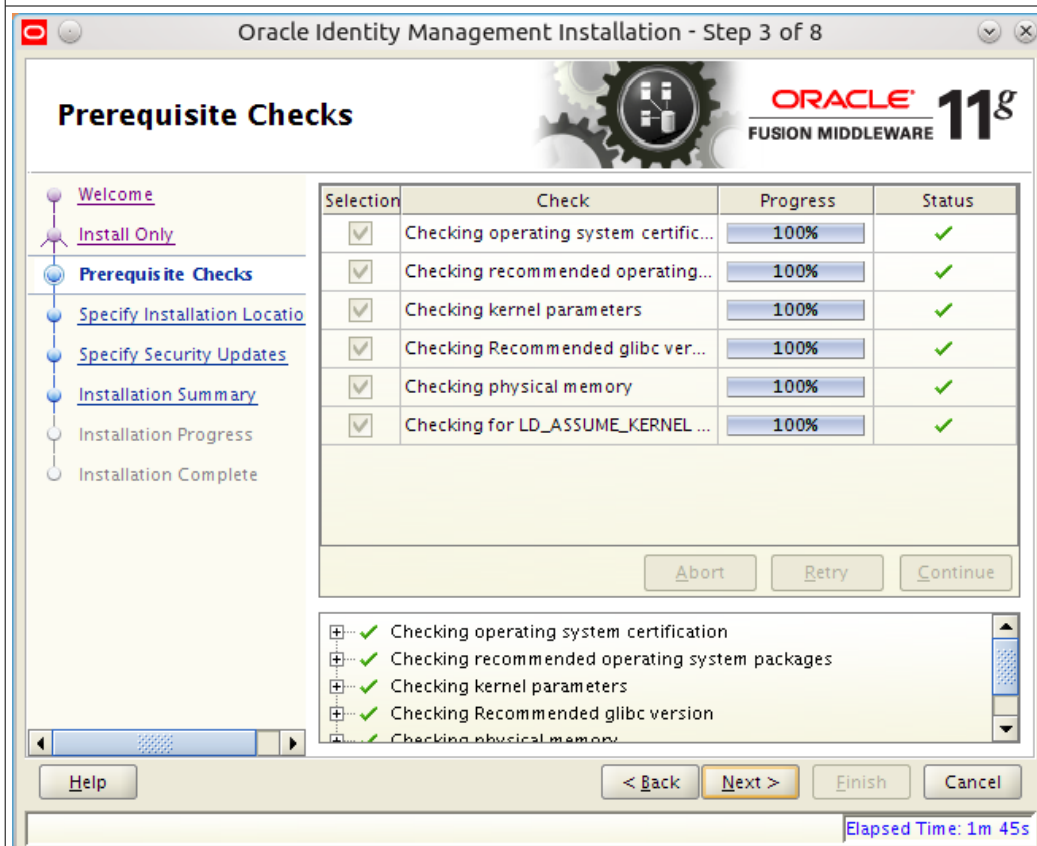
/mnt/NFSTemp/Media/OID/32bit/11.1.1.2/Disk1/runInstaller



Click Next.



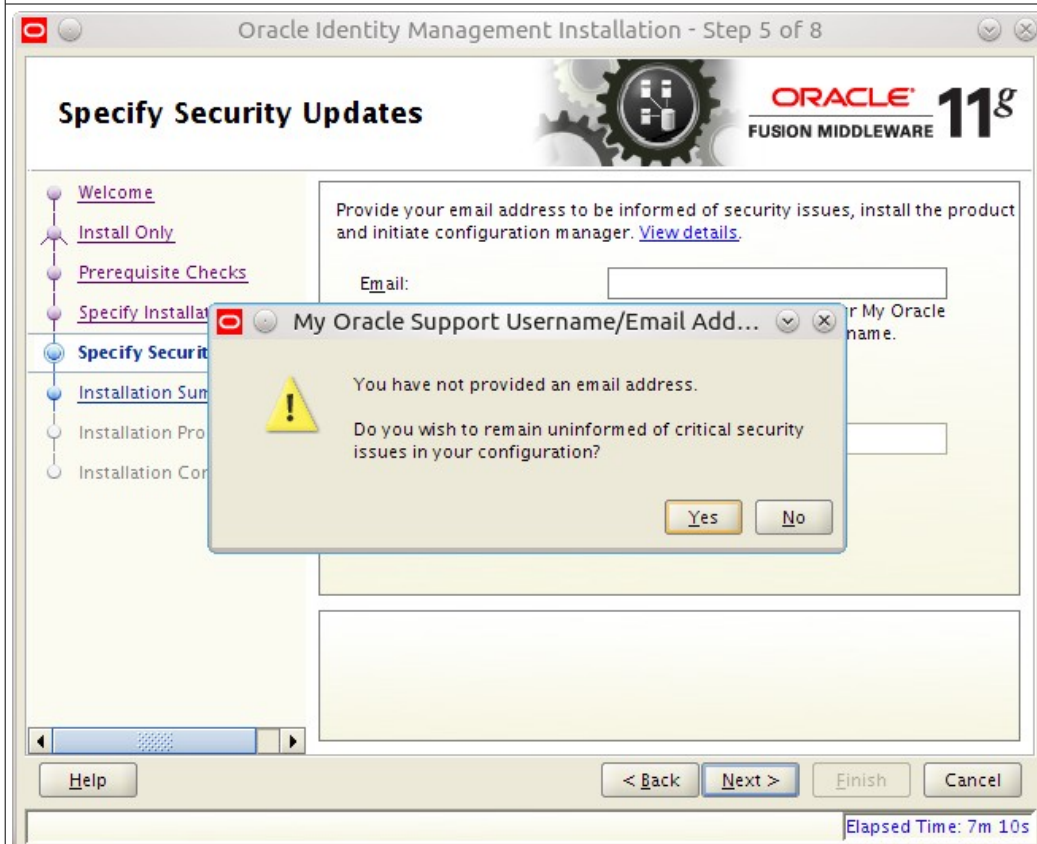
Select Do not config and click Next.



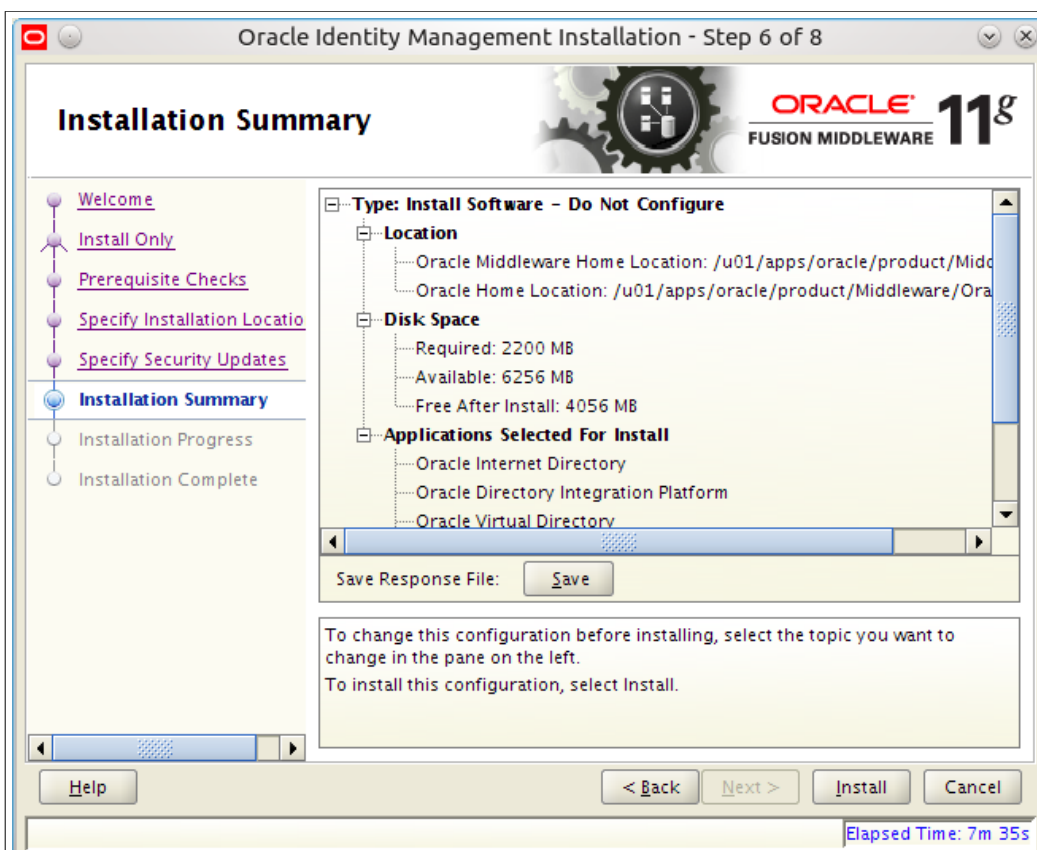
Get coffee, when complete click Next.



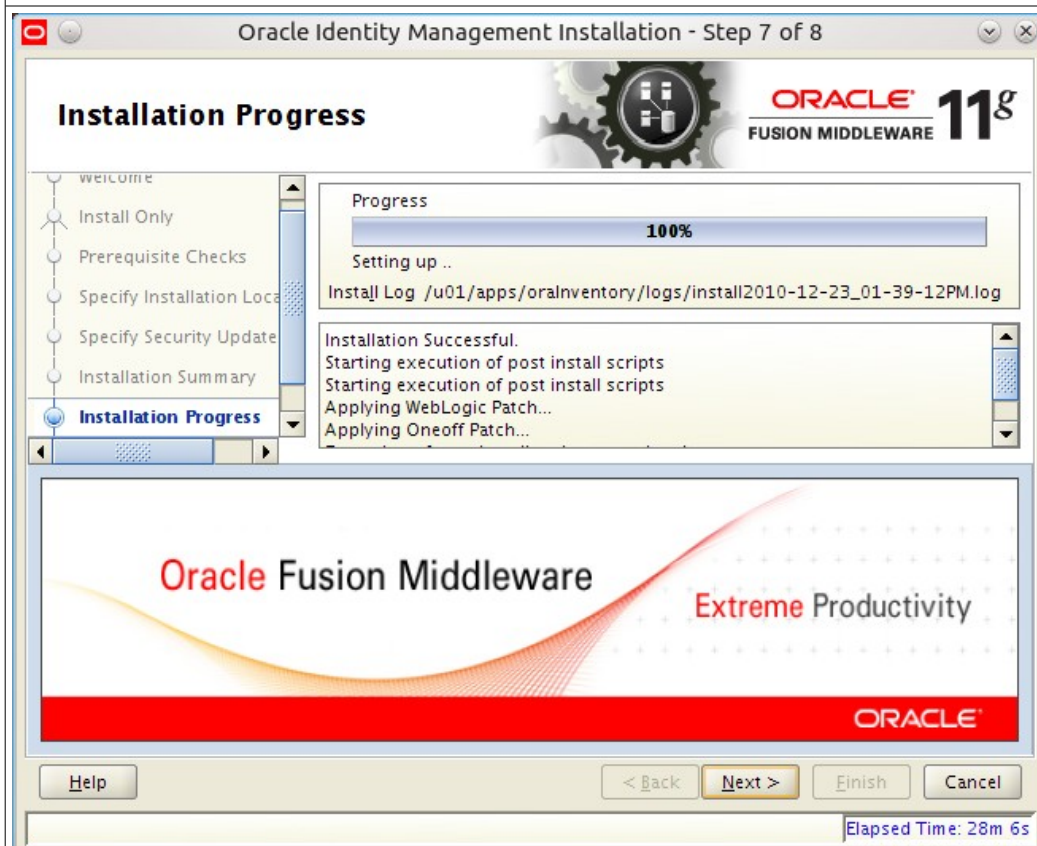
Enter location and click Next.



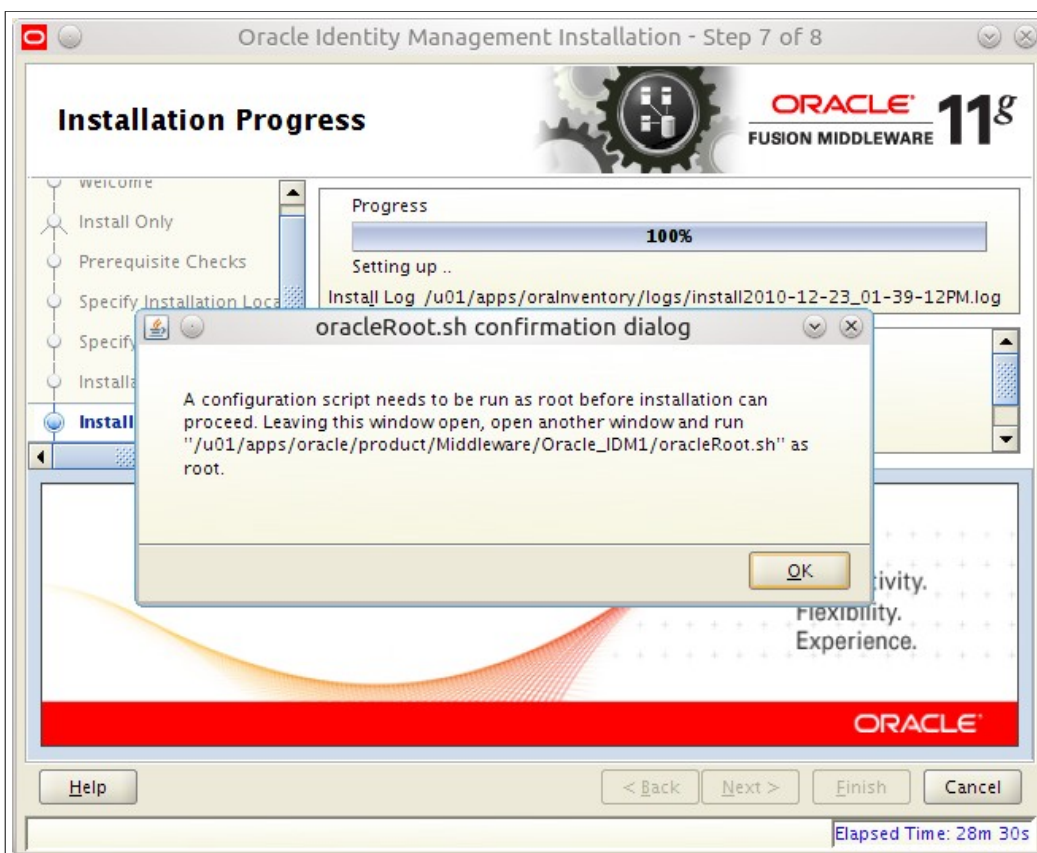
Unselect update, click Next, and click Yes.



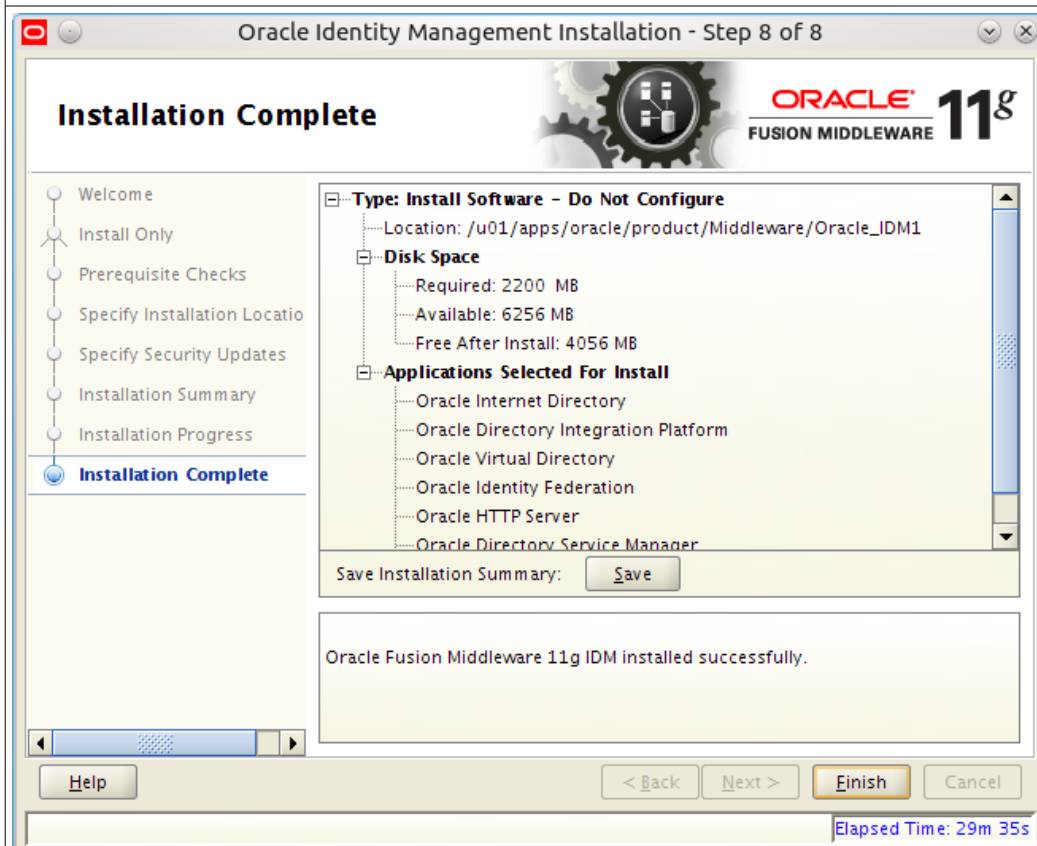
Click Install.



Go get coffee, maybe soda. When complete click Next.



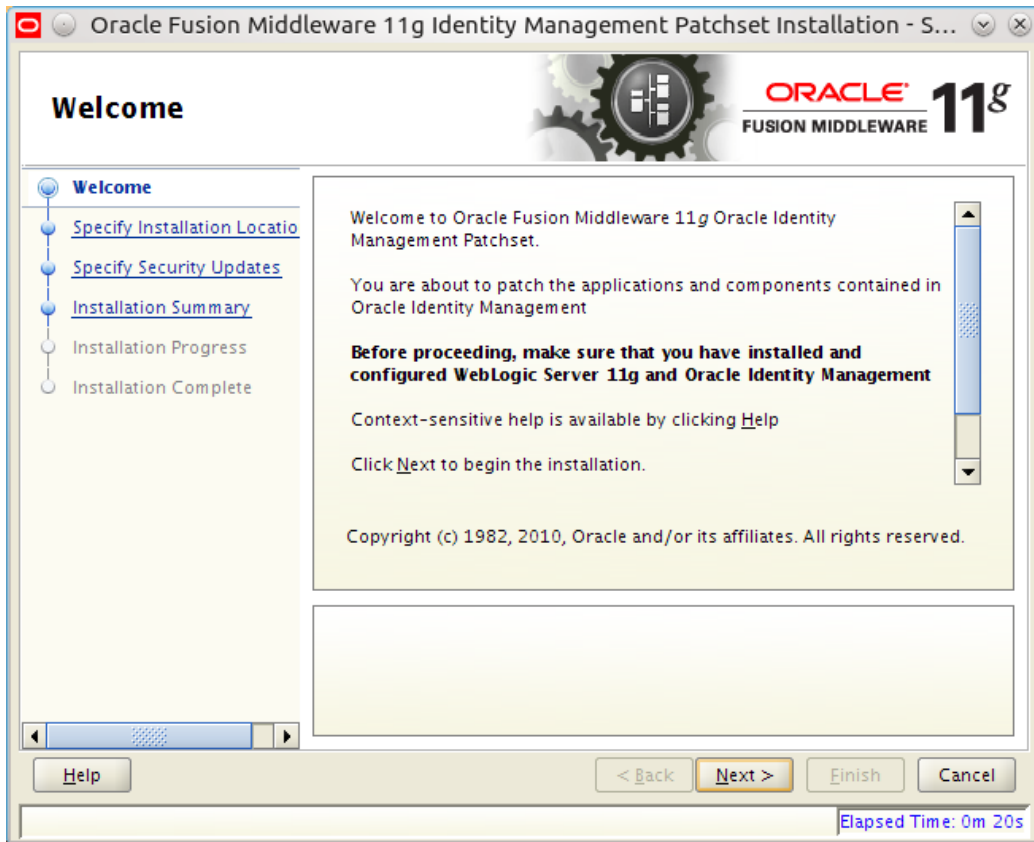
Run script as root. When complete click OK.



Click Finish.

Upgrade OID 11g to 11.1.1.3

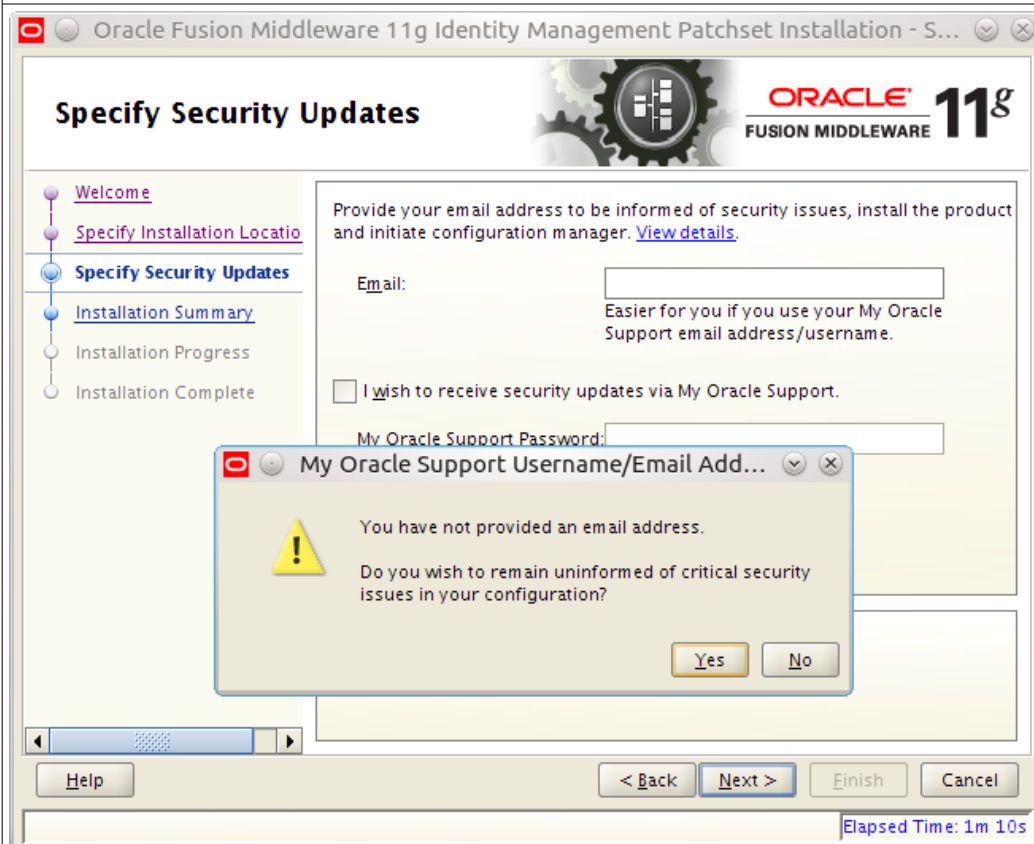
/mnt/NFSTemp/Media/OID/32bit/11.1.1.3/Disk1/runInstaller



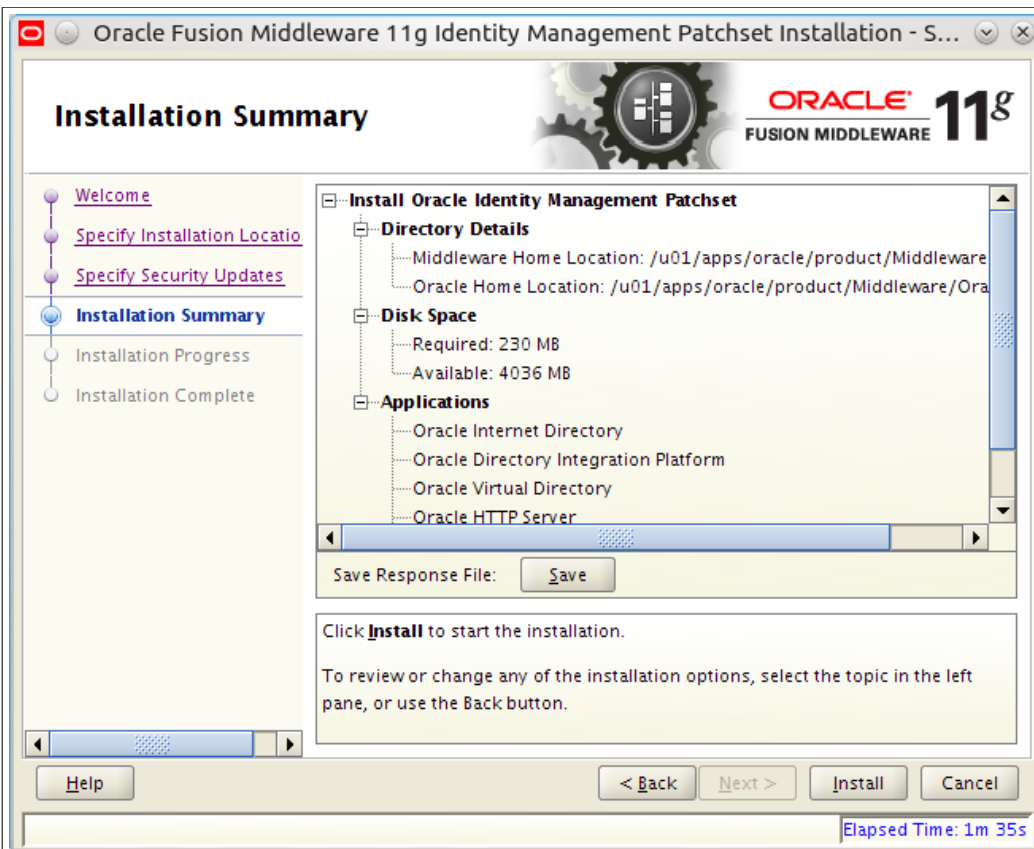
Click Next.



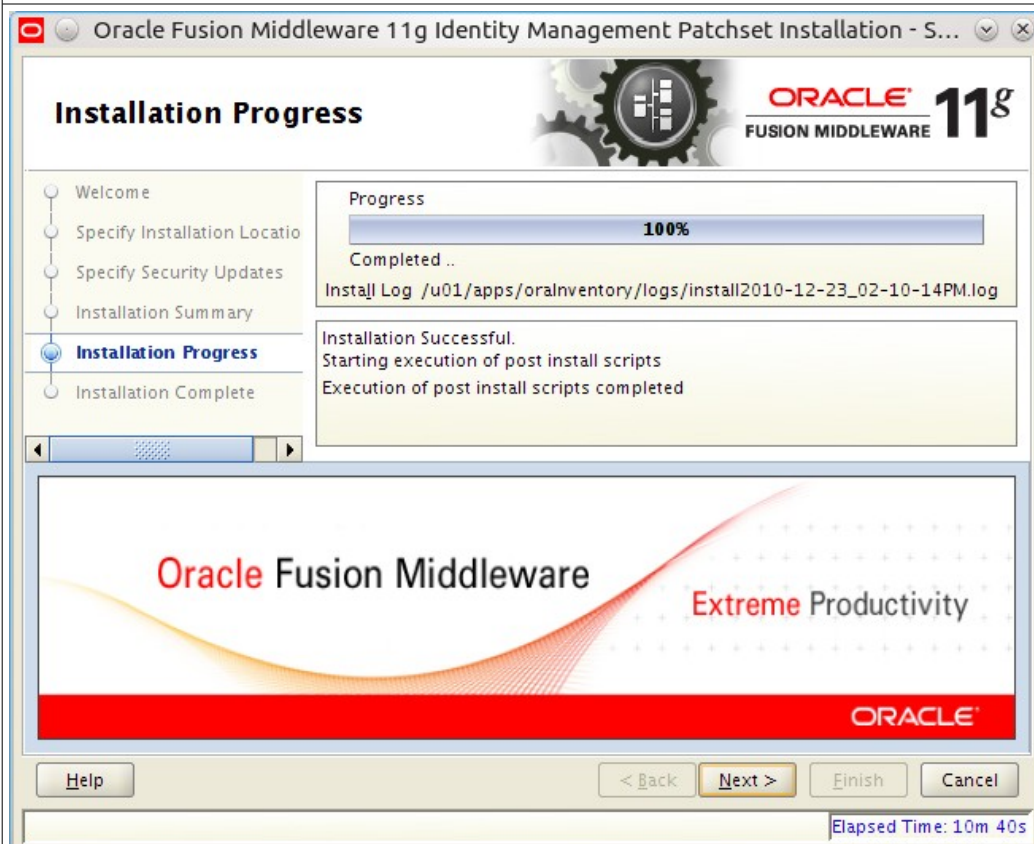
Enter same home as 11.1.1.2 and click Next.



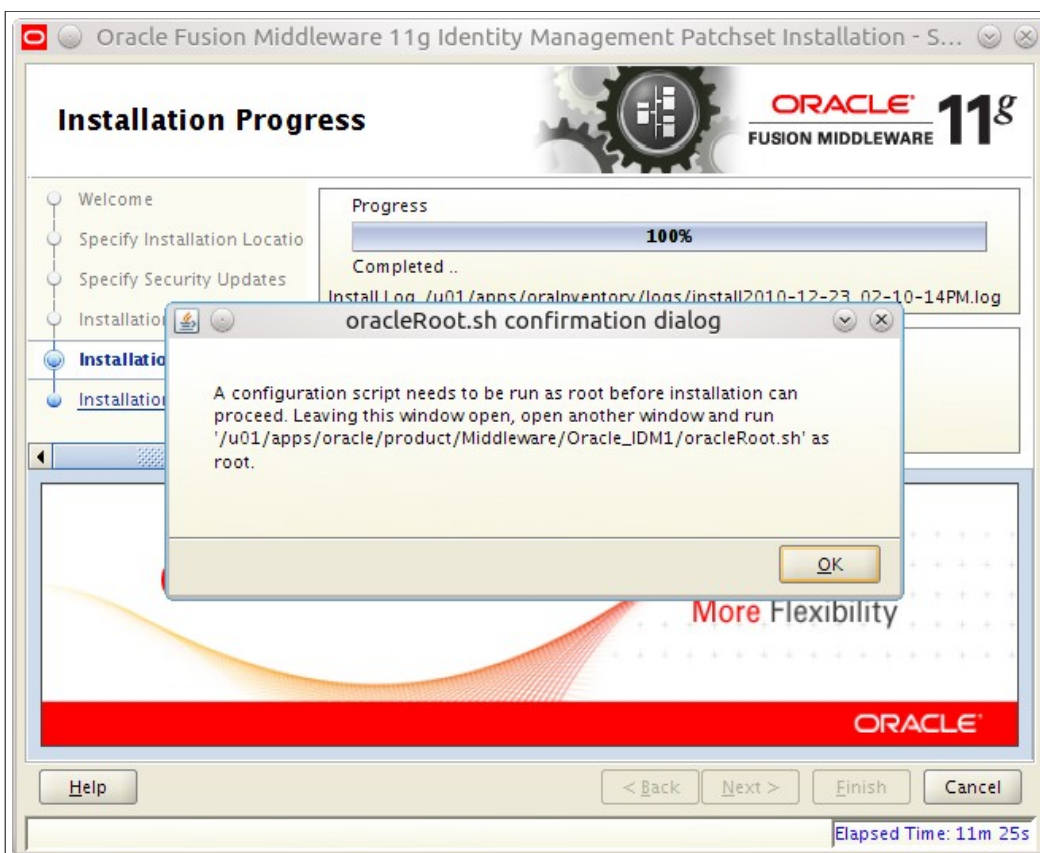
Uncheck updates, click Next, and click Yes.



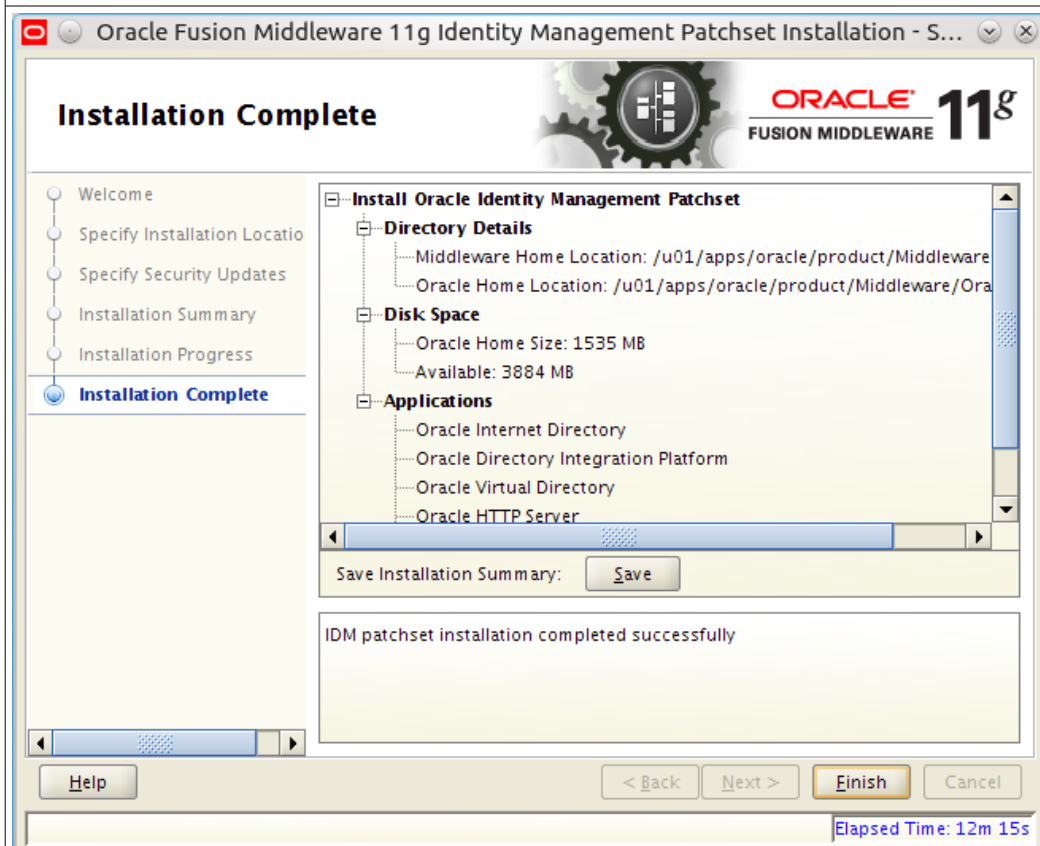
Click Install. Go get coffee.



Click Next.



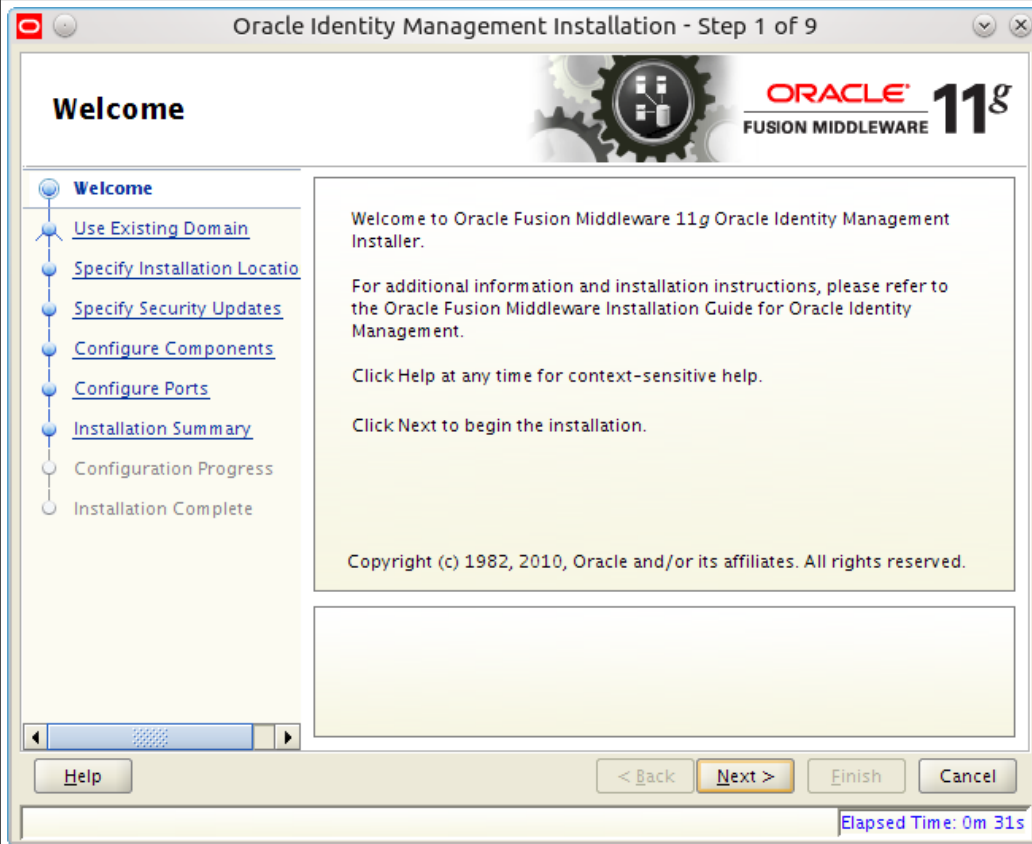
Run script as root. Once complete click OK.



Click Finish.

Configure OID 11g

/u01/apps/oracle/product/Middleware/Oracle_IDM1/bin/config.sh



Click Next.

Oracle Identity Management Installation - Step 2 of 9

Select Domain

Welcome

- Create Domain**
- Specify Installation Location
- Specify Security Updates
- Configure Components
- Configure Ports
- Installation Summary
- Configuration Progress
- Installation Complete

☒ Create New Domain

User Name:

User Password:

Confirm Password:

Domain Name:

☐ Extend Existing Domain

☐ Expand Cluster

☐ Configure Without A Domain

Elapsed Time: 1m 26s

Select create New, enter information as shown and click Next.

Oracle Identity Management Installation - Step 3 of 9

Specify Installation Location

Welcome

- Create Domain**
- Specify Installation Location**
- Specify Security Updates
- Configure Components
- Configure Ports
- Installation Summary
- Configuration Progress
- Installation Complete

Oracle Middleware Home Location:

Oracle Home Directory:

Weblogic Server Directory:

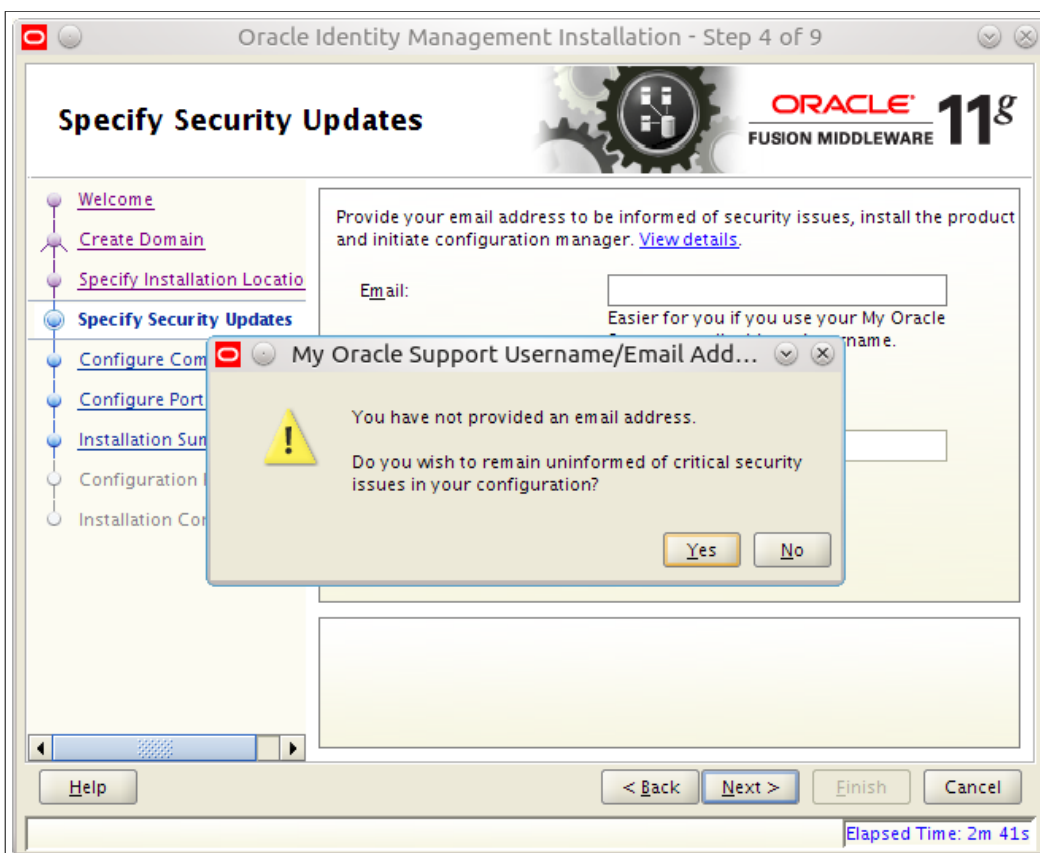
Oracle Instance Location:

Oracle Instance Name:

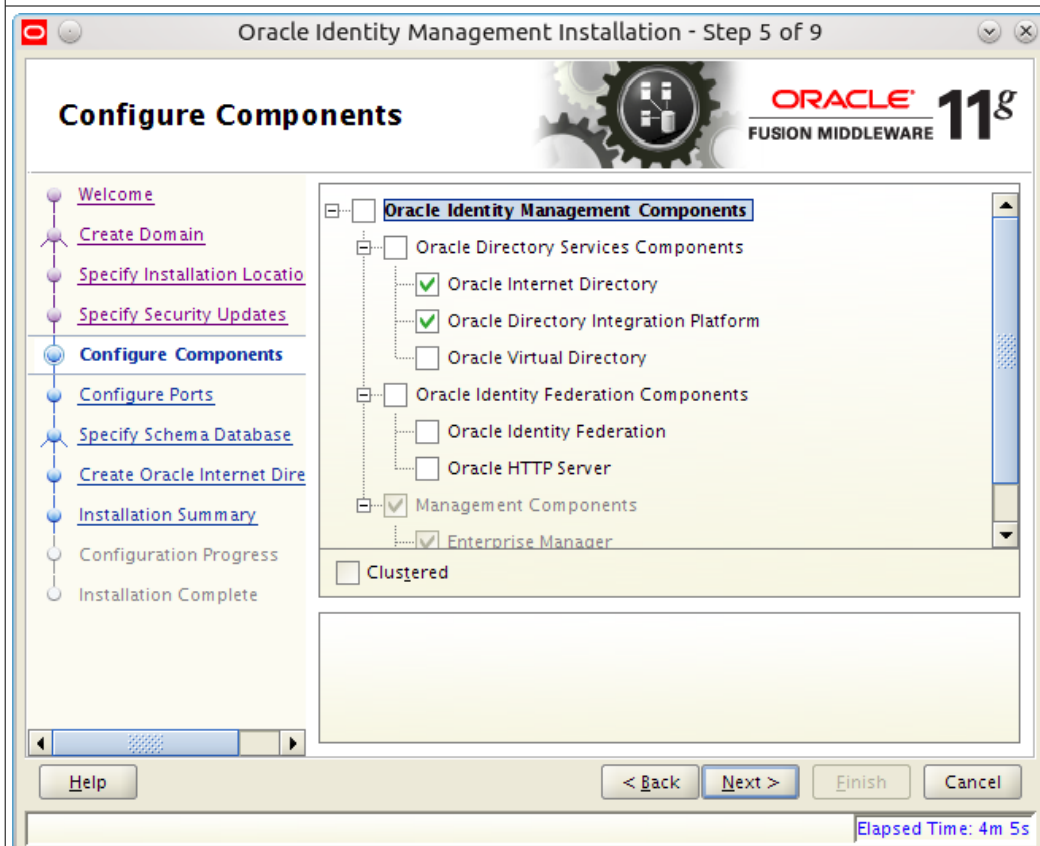
This is the location where the software configuration files and runtime processes will reside. Runtime components will write to this directory only.

Elapsed Time: 2m 21s

Enter information as shown and click Next.



Uncheck update, click Next, and click Yes.



Select options shown and click Next.



Select Auto port and click Next.



Enter information as shown and click Next.

Oracle Identity Management Installation - Step 8 of 11

Create Oracle Internet Directory

ORACLE[®] 11g[®]
FUSION MIDDLEWARE

- Welcome
- Create Domain
- Specify Installation Location
- Specify Security Updates
- Configure Components
- Configure Ports
- Specify Schema Database
- Create Oracle Internet Directory**
- Installation Summary
- Configuration Progress
- Installation Complete

Oracle Internet Directory Information

Realm:

Administrator User Name:

Administrator Password:

Confirm Password:

Elapsed Time: 10m 31s

Enter information as shown and click Next.

Oracle Identity Management Installation - Step 9 of 11

Installation Summary

ORACLE[®] 11g[®]
FUSION MIDDLEWARE

- Welcome
- Create Domain
- Specify Installation Location
- Specify Security Updates
- Configure Components
- Configure Ports
- Specify Schema Database
- Create Oracle Internet Directory
- Installation Summary**
- Configuration Progress
- Installation Complete

Type: **Configure Only**

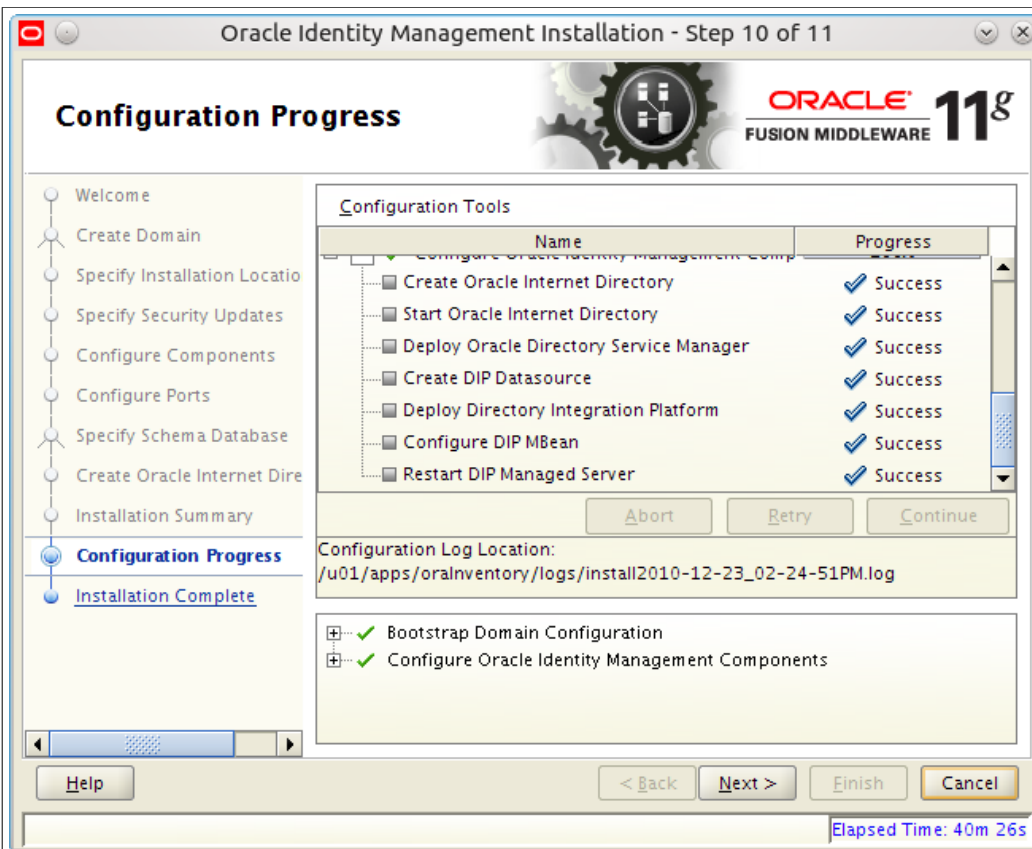
- Location**
 - Oracle Middleware Home Location: /u01/apps/oracle/product/Middleware
 - Oracle Home Location: /u01/apps/oracle/product/Middleware/Oracle
 - Oracle Instance Location: /u01/apps/oracle/product/Middleware/oidinst
 - Oracle Instance Name: oidinst
- Applications Selected For Configuration**
 - Oracle Internet Directory
 - Oracle Directory Integration Platform
 - Enterprise Manager
 - Oracle Directory Service Manager

Save Response File:

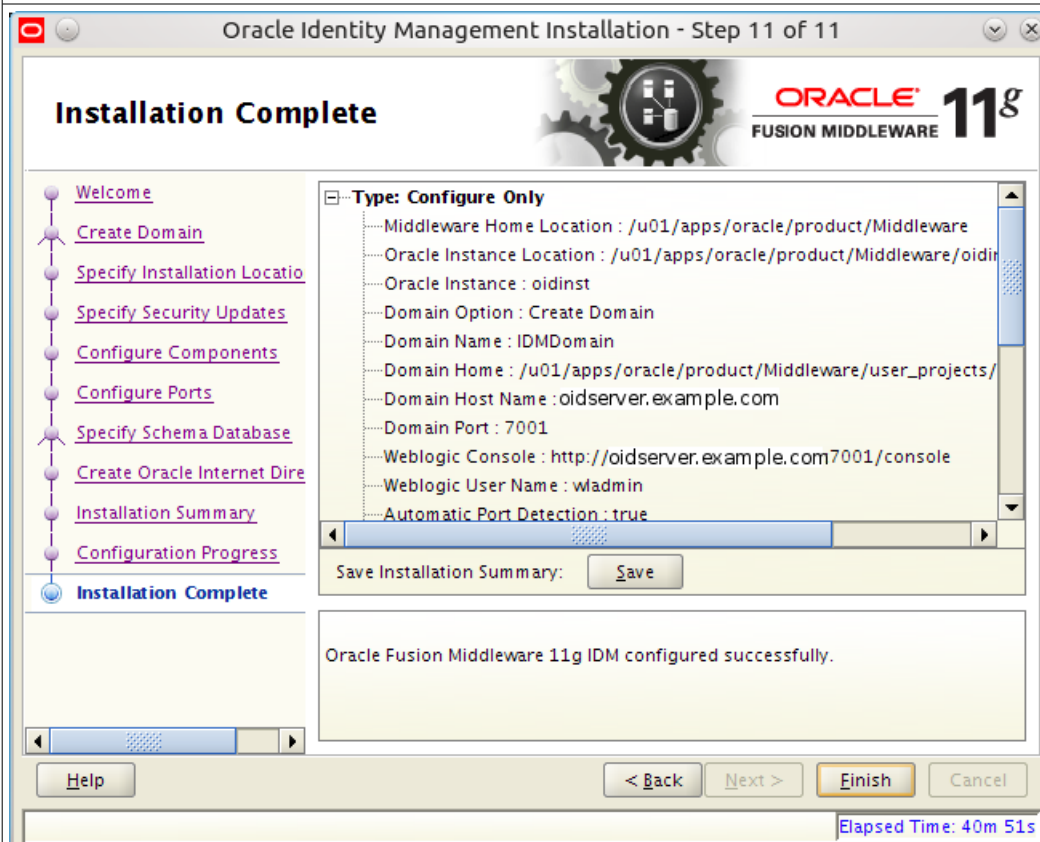
To change this configuration before installing, select the topic you want to change in the pane on the left.
To install this configuration, select Configure.

Elapsed Time: 10m 46s

Click Configure.



Go get coffee. Click Next when complete.



Click Finish.

```
/u01/apps/oracle/product/Middleware/oidinst/bin/opmnctl stopall  
vi /u01/apps/oracle/product/Middleware/oidinst/config/tnsnames.ora  
change OIDDDB to oidprd11g  
vi /u01/apps/oracle/product/Middleware/oidinst/config/OPMN/opmn/opmn.xml  
change OIDDDB to oidprd11g  
/u01/apps/oracle/product/Middleware/oidinst/bin/opmnctl startall
```

```
export ORACLE_HOME=/u01/apps/oracle/product/Middleware/Oracle_IDM1  
export ORACLE_INSTANCE=/u01/apps/oracle/product/Middleware/oidinst  
cd /u01/apps/oracle/product/Middleware/Oracle_IDM1/ldap/bin  
perl inspre11.pl oidserver.example.com 3131 -ssl oid1 oidprd11g pass pass -op1
```

Install OID 10g

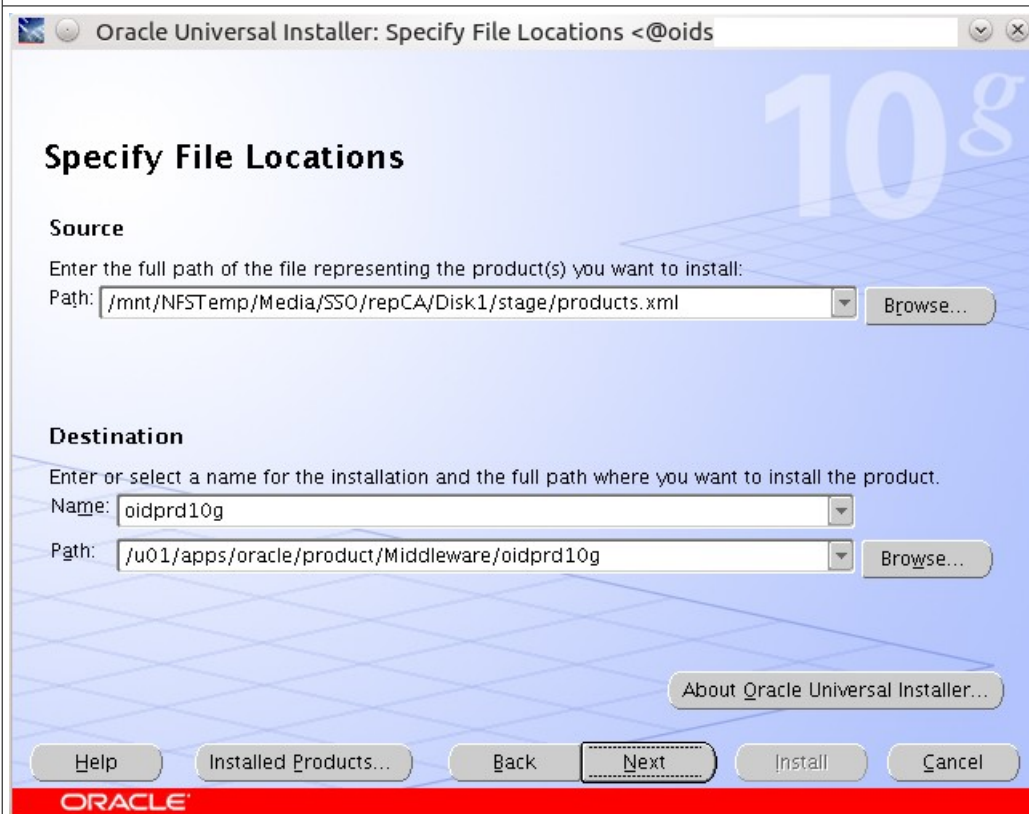
/mnt/NFSTemp/Media/SSO/repCA/Disk1/runInstaller



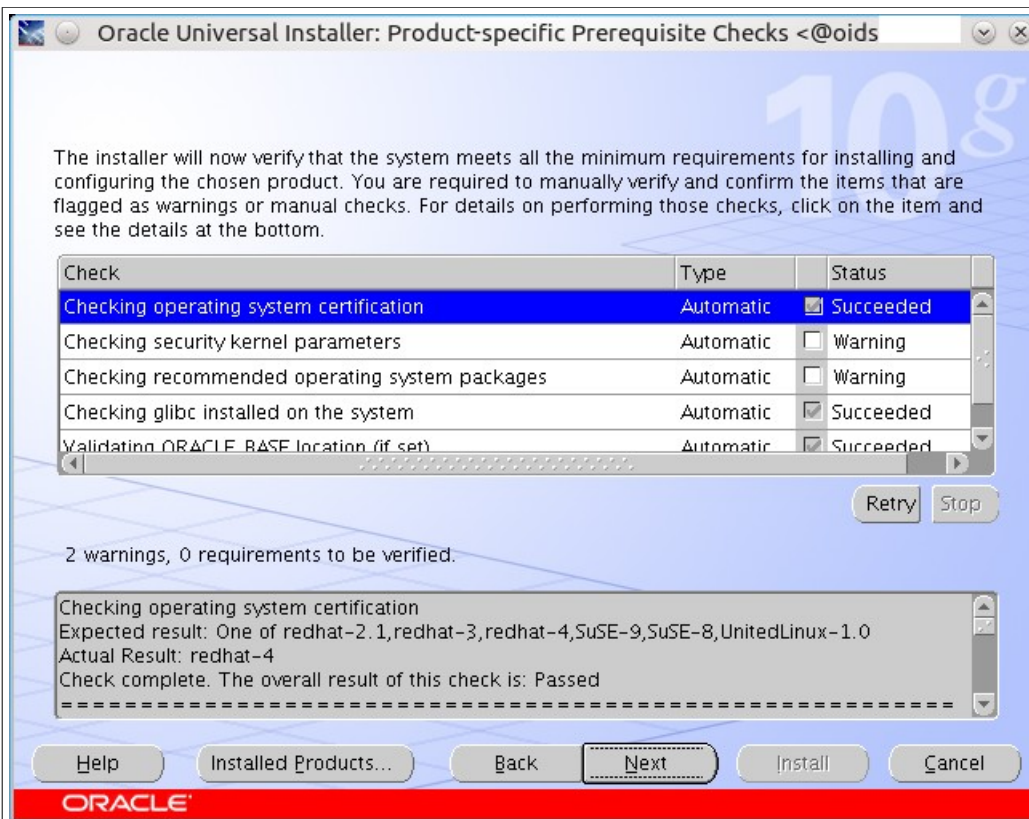
Click Next.



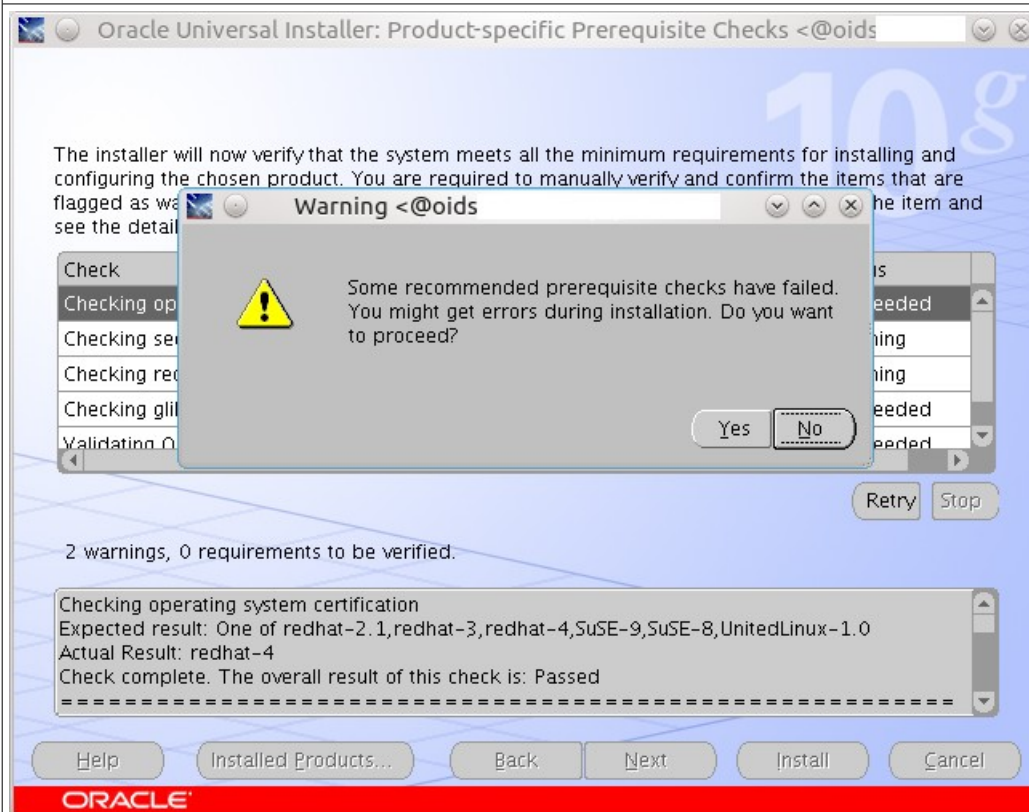
Click Next.



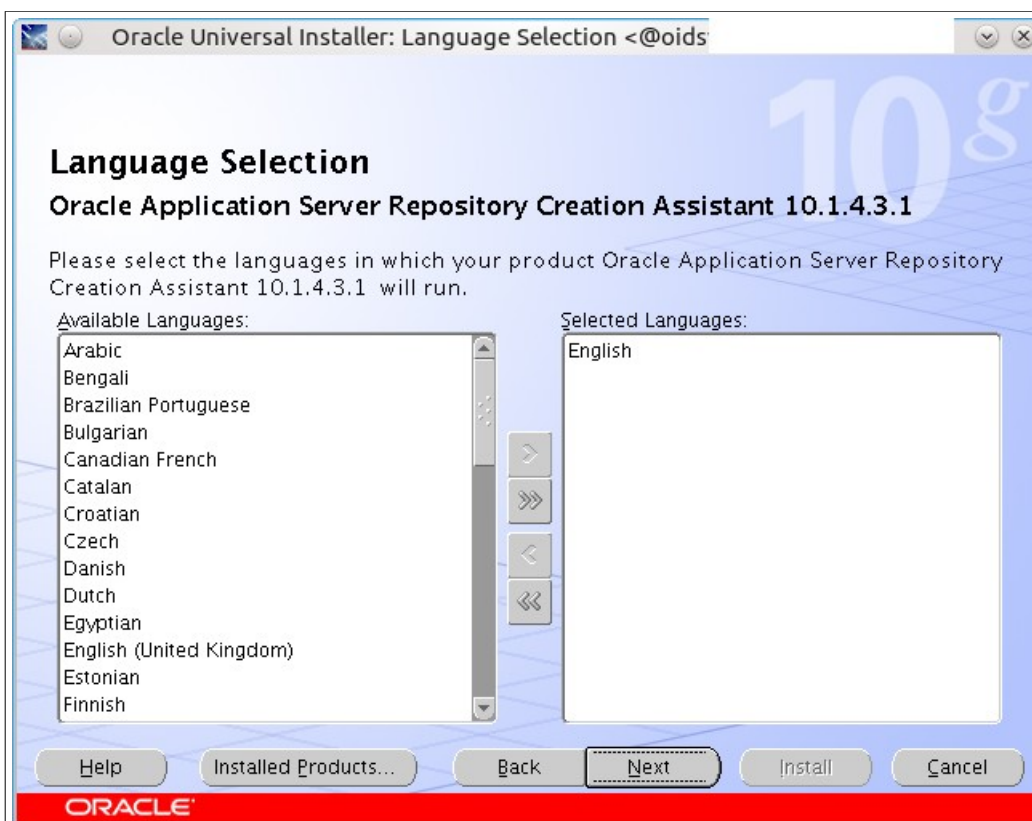
Enter locations as shown and click Next.



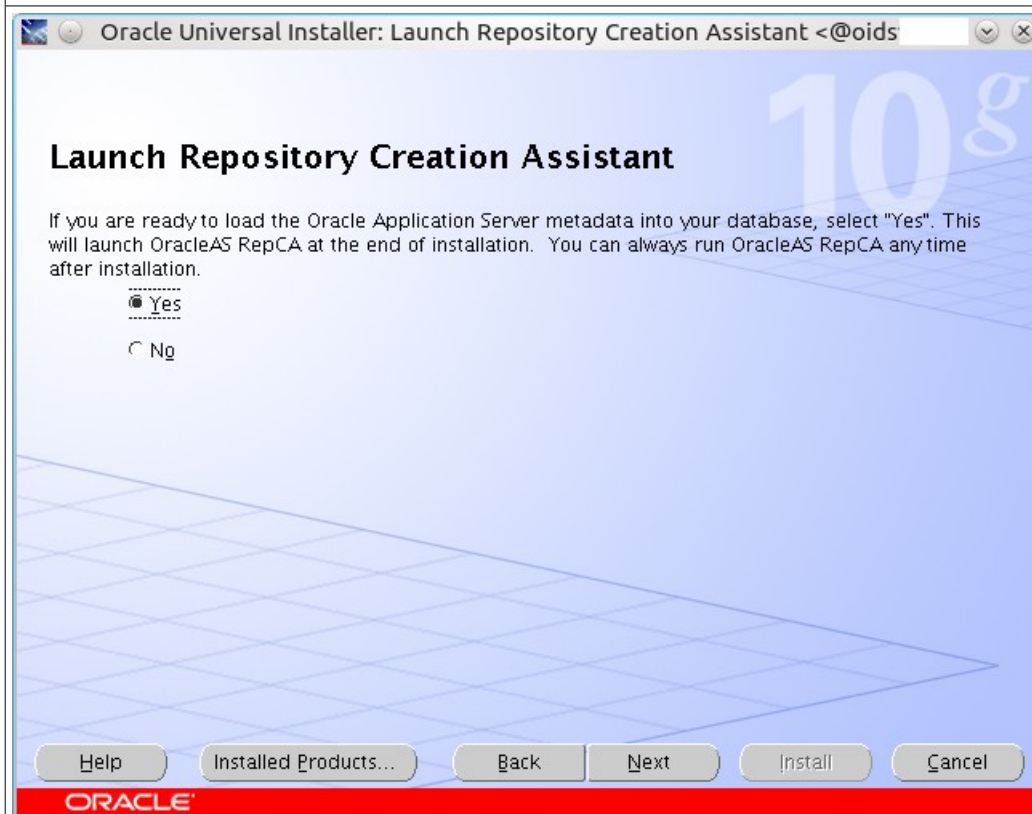
Click Next.



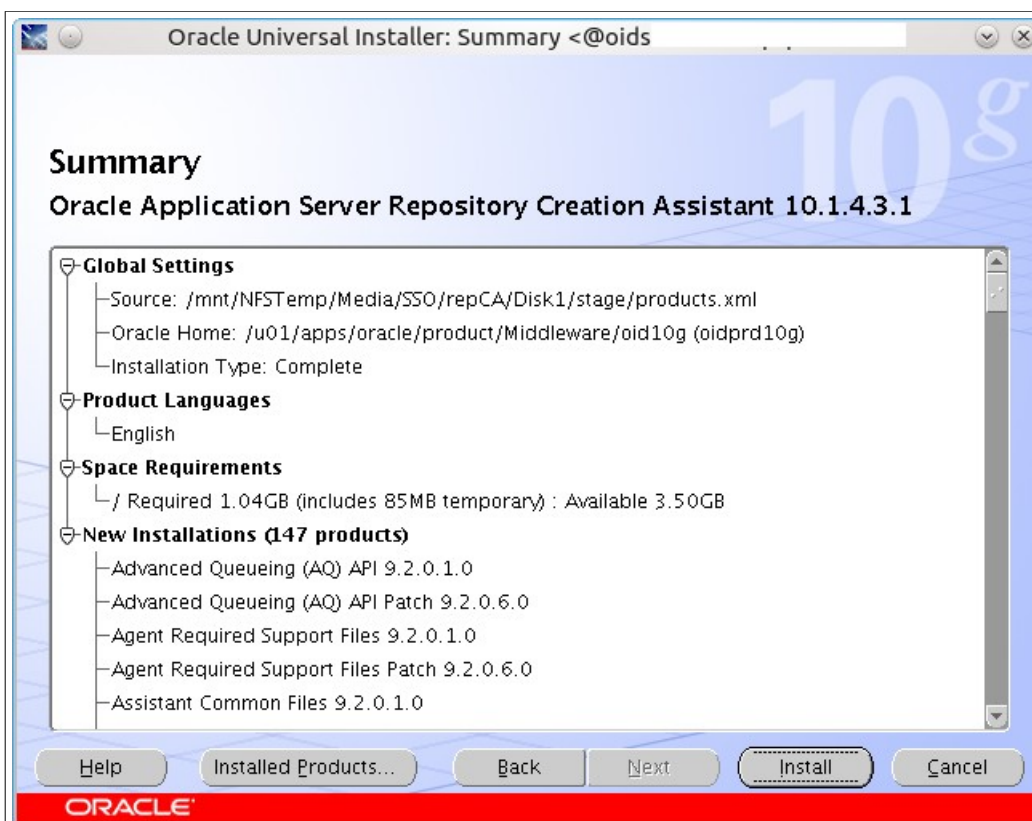
Click Yes.



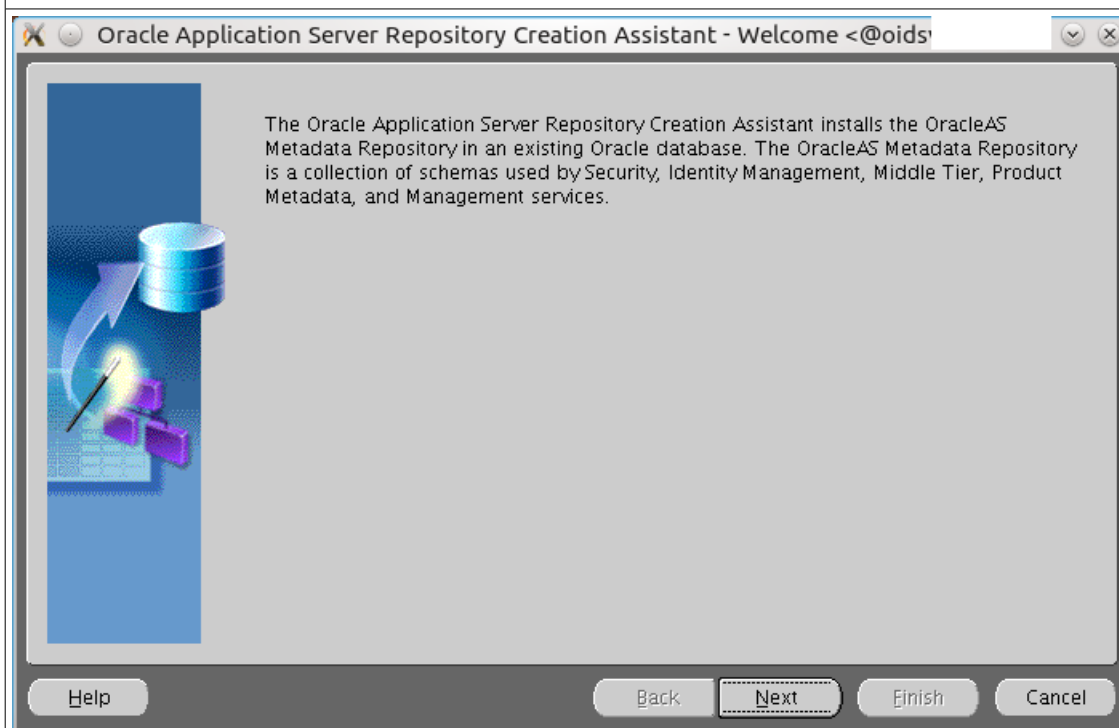
Select English and click Next.



Select Yes and click Next.



Click Install. Go get coffee.



Click Next.

OracleAS RepCA - Step 1 of 2: Specify Oracle Home Path <@oids

Please specify the Oracle Home path and the log directory location.

Specify the Oracle Home path for the database in which the operation will be performed.

Oracle Home Path:

Specify the full path to a directory where the OracleAS RepCA can write log files.

Log File Directory:

Note: You cannot change the log directory after you click Next. If you click Previous to return to this screen, the log field is read-only. This prevents OracleAS RepCA from creating log files in different directories per RepCA session.

Enter New Home and click Next.

OracleAS RepCA - Step 2 of 2: Select Operation <@oids

Select the operation that you would like the OracleAS RepCA to perform.

☐ Load
Use this option to load OracleAS Metadata Repository schemas into a database

☐ Register
Use this option to register the OracleAS Metadata Repository with Oracle Internet Directory

☒ Load and Register
Use this option to load schemas into a database and register the OracleAS Metadata Repository with Oracle Internet Directory

☐ Remove
Use this option to remove OracleAS Metadata Repository schemas from a database and deregister from Oracle Internet Directory

Select Load and Register.

OracleAS RepCA - Step 1 of 7: Specify Database Connection Information <@oids

Specify the connection information for the database in which you want to load the OracleAS Metadata Repository schemas



SYS Password:

☒ Single node Instance:

 Hqstname:

 Port:

☐ Real Application Clusters Database:

 Hostname and Port:

 Example: host2:1521,host3:1522,...

Service Name:

Help Back Next Finish Cancel

Enter information as shown and click Next.

OracleAS RepCA - Step 1 of 7: Specify Database Connection Information <@oids



Confirm System Requirements <@oids

 Knowledge Base not found.

If you are planning to use this repository for installing OracleAS Portal, you have to install Oracle Text Supplied Knowledge Base. Oracle Text Supplied Knowledge Base can be installed in the database using Oracle Database 10g Companion CD.

If you are not planning to use this repository for installing OracleAS Portal, you may continue further.

Do you want to continue?

Yes No

Help Back Next Finish Cancel

Click Yes.

OracleAS RepCA - Step 2 of 7: Specify Storage Option <@oids

Select the storage mechanism you would want to utilize for the OracleAS Metadata Repository tablespaces

☒ Regular or Cluster File System

☐ Oracle-Managed Files

☐ Automatic Storage Management (ASM)

☐ Raw File System:

Raw partitions or volumes can provide the required storage for Real Application Clusters (RAC) databases. To use this option, you need to have created raw devices. You also need to specify the file that maps the tablespaces, control files and log files to raw volumes.

Raw Devices Mapping File:

Select Regular and click Next.

OracleAS RepCA - Step 3 of 7: Specify Tablespace Information <@oids

The following tablespaces will be created in your database. Specify the size, directory, and filename for all the tablespaces. If you wish, you may use the same directory for all tablespaces.

☒ Use Same Directory for All Tablespaces

☐ Use Individual Directories for Each Tablespace

Tablespaces:

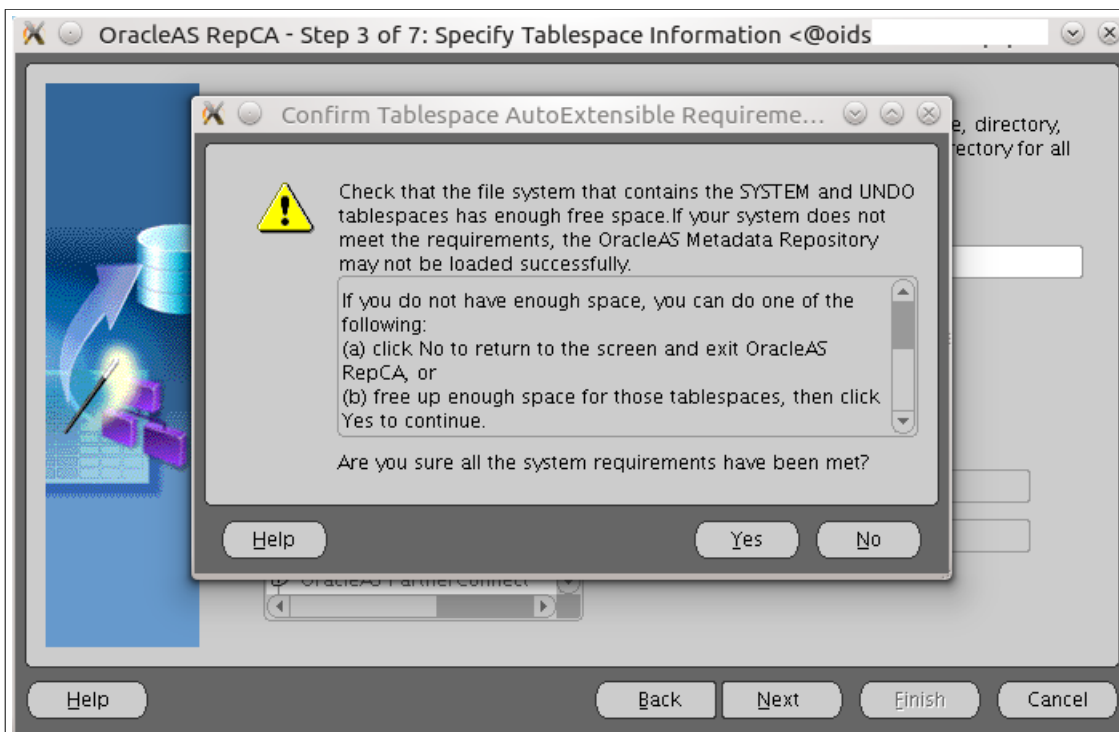
- OracleAS Portal
- OracleAS Single Sign-on
- OracleAS Discoverer
- OracleAS Distributed Config
- OracleAS Syndication server
- OracleAS Web Clipping Supp
- OracleAS PartnerConnect

Size:

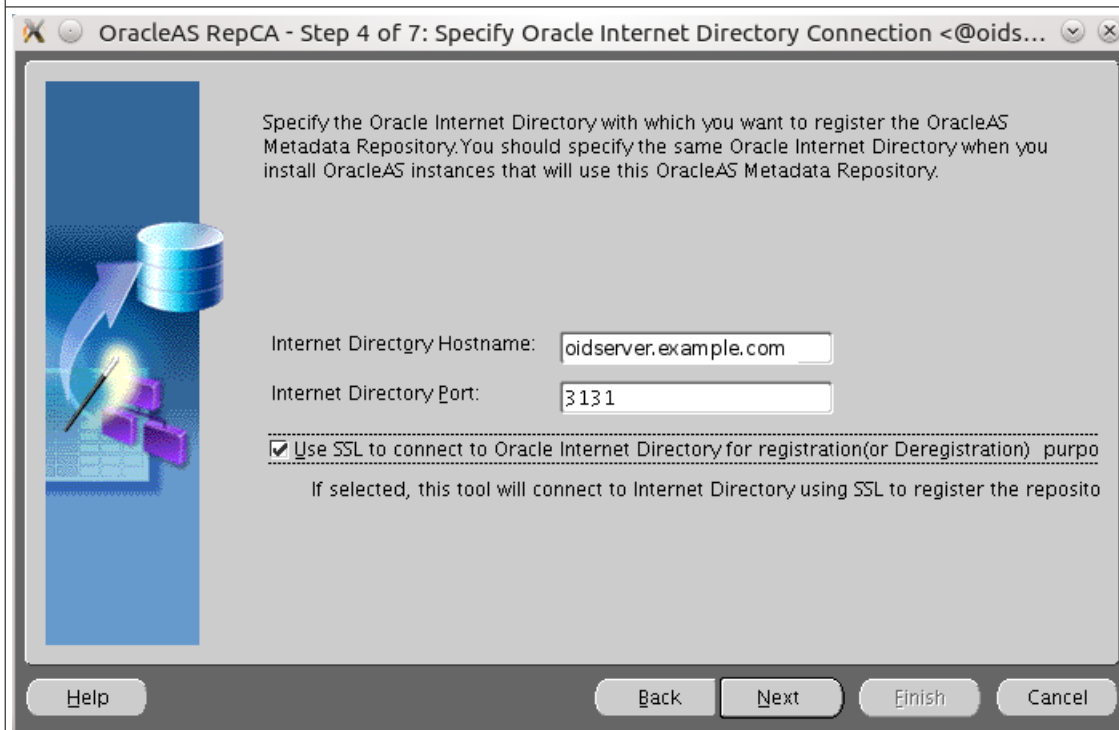
Filename:

Directory:

Select use same and enter path shown and click Next.



Click Yes.



Enter information shown and click Next.

OracleAS RepCA - Step 5 of 7: Specify Login for Oracle Internet Directory <@oids.....



The Oracle Internet Directory user must belong to the iASAdmins group.

The username you specify below will be authenticated against the Oracle Internet Directory realm.

Username:

Password:

Help Back Next Finish Cancel

Enter information shown and click Next.

OracleAS RepCA - Step 6 of 7: Specify Oracle Context <@oids.....



Oracle Context is an area in Oracle Internet Directory that contains realms, application information, and component metadata. When you register OracleAS Metadata Repository with Oracle Internet Directory, you can register it in different locations in the Oracle Context. Specify the Oracle context in which you want to register the OracleAS Metadata Repository.

☒ Root Oracle Context (cn=OracleContext)

This option is intended for Oracle Application Server users.

☐ Custom Oracle Context:

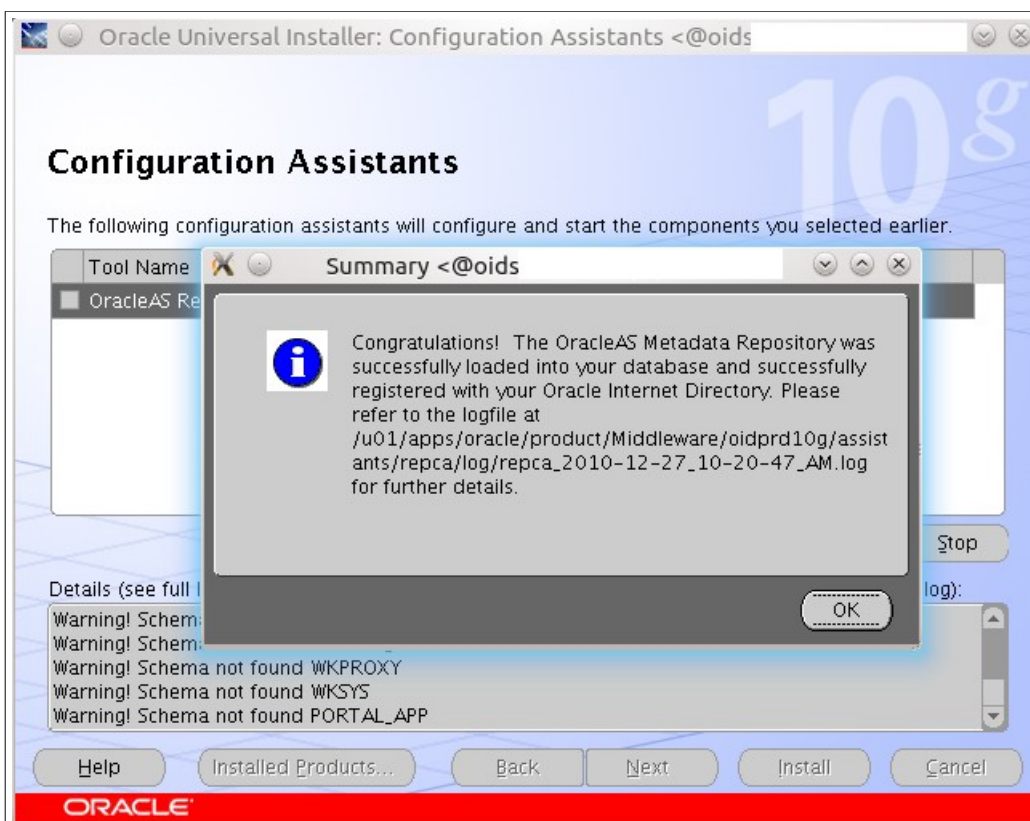
This option is intended for users of Enterprise User Security.

Distinguished Name (DN):

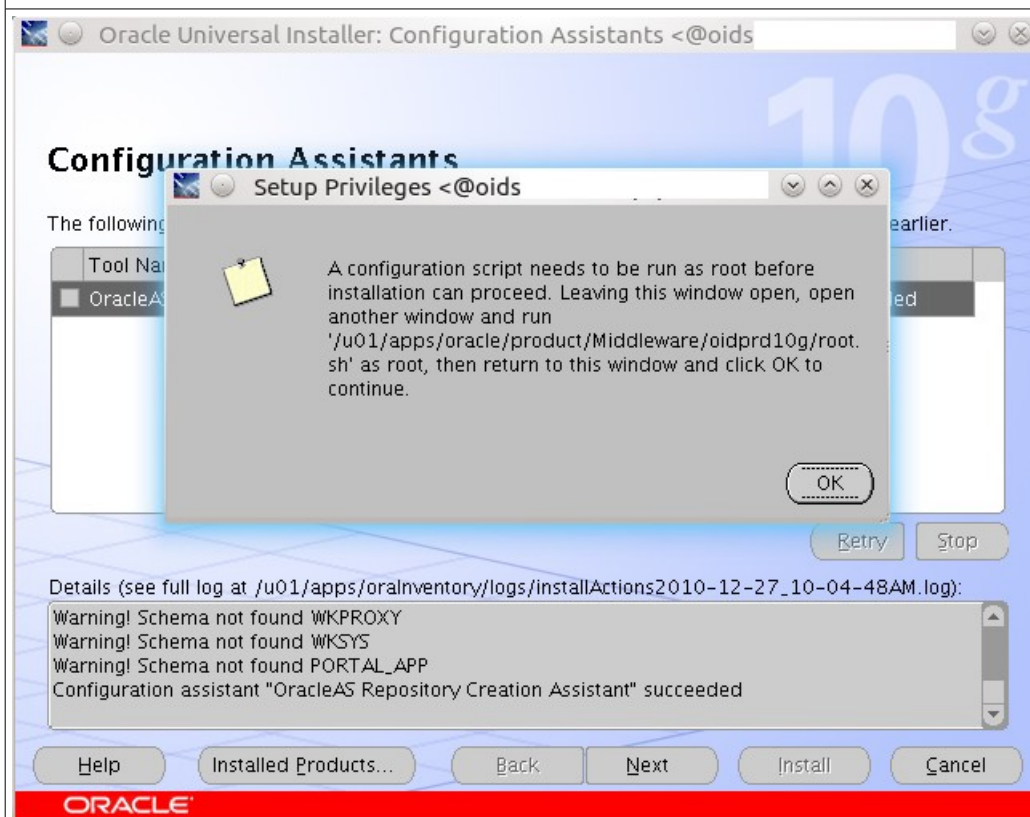
Example: cn=OracleContext, dc=oracle, dc=com

Help Back Next Finish Cancel

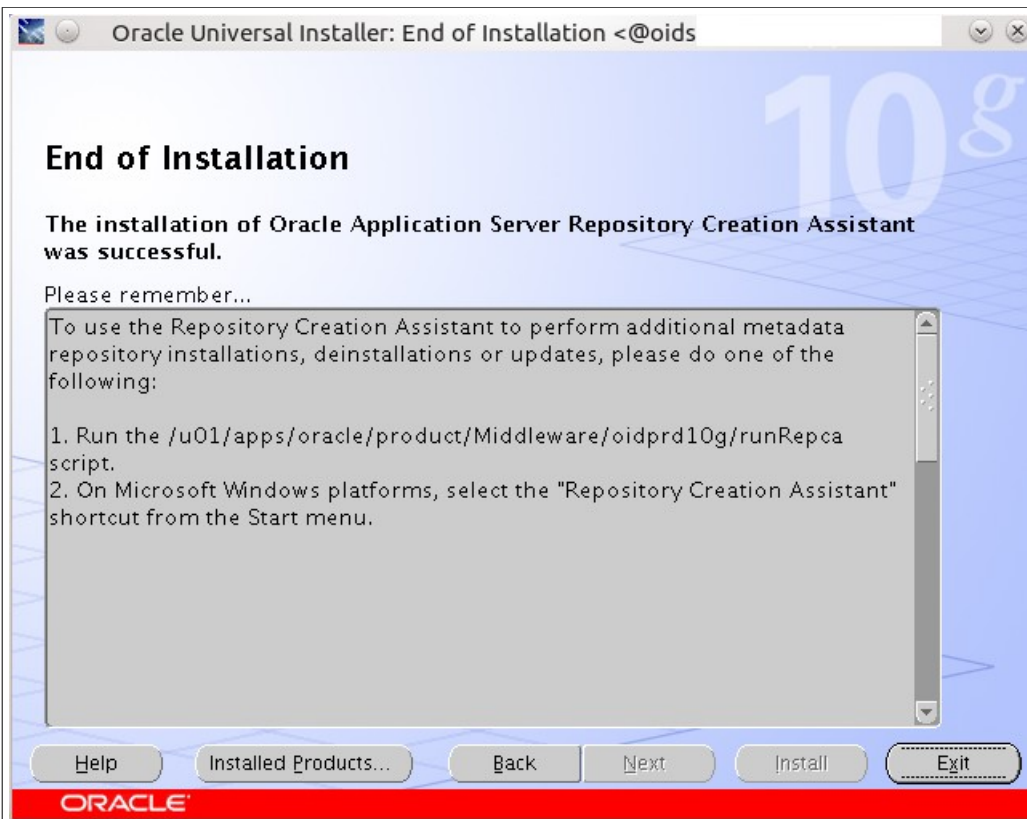
Select Root and click Next. Get coffee.



Click OK.



Run script as root. After complete click OK.



Click Exit.

Perform the following steps:

1. Use SQL*PLUS to connect the database as the SYS user.
2. Change the ODS password: alter user ods identified by *password*;
3. Set the TNS_ADMIN environment variable to point to the \$ORACLE_INSTANCE/config directory.
 1. export
ORACLE_HOME=/u01/apps/oracle/product/Middleware/Oracle_IDM1
 2. export
ORACLE_INSTANCE=/u01/apps/oracle/product/Middleware/oidinst
 3. \$ORACLE_HOME/ldap/bin/oidpasswd connect=oidprd11g
create_wallet=true
4. Restart Oracle Internet Directory.

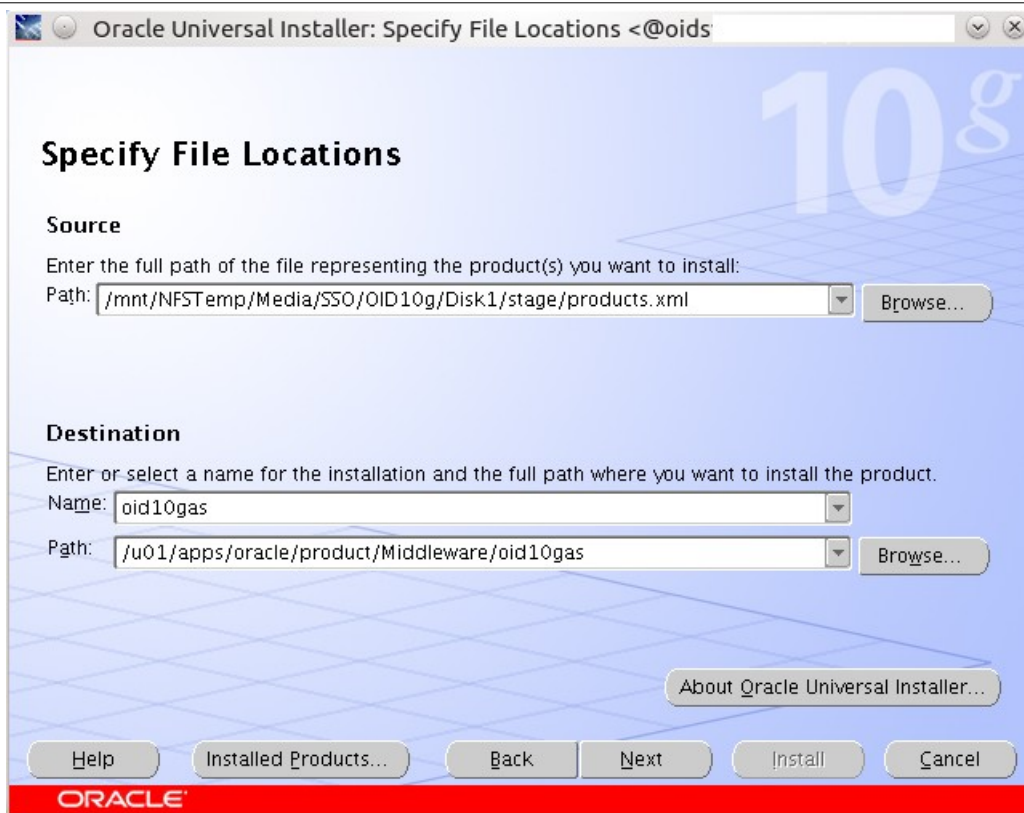
```
cd /u01/apps/oracle/product/Middleware/Oracle_IDM1/ldap/bin
perl inspre11.pl oidserver.example.com 3131 -ssl oid1 oidprd11g pass pass -op2
```

```
cp /etc/redhat-release ~
use root change redhat-release to show: Red Hat Enterprise Linux AS release 4
```

```
ln -s /usr/lib/libgdbm.so.2.0.0 /usr/lib/libdb.so.2 as root.
/mnt/NFSTemp/Media/SSO/OID10g/Disk1/runInstaller
```



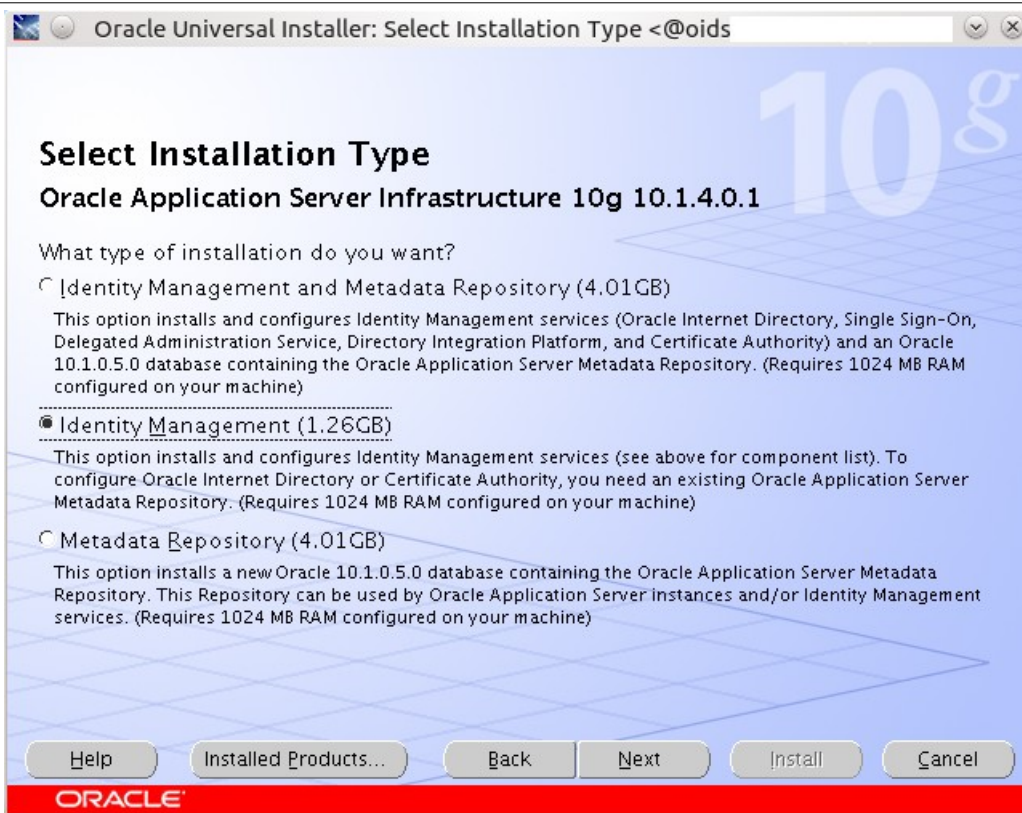
Click Next.



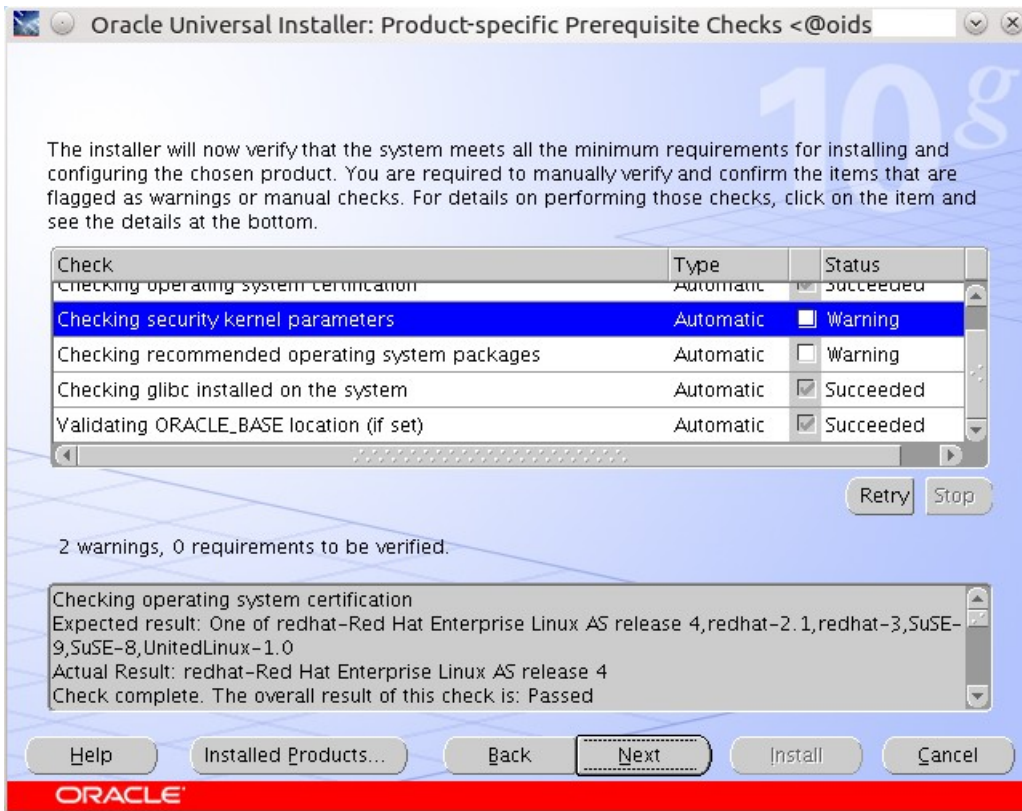
Enter locations as shown and click Next.



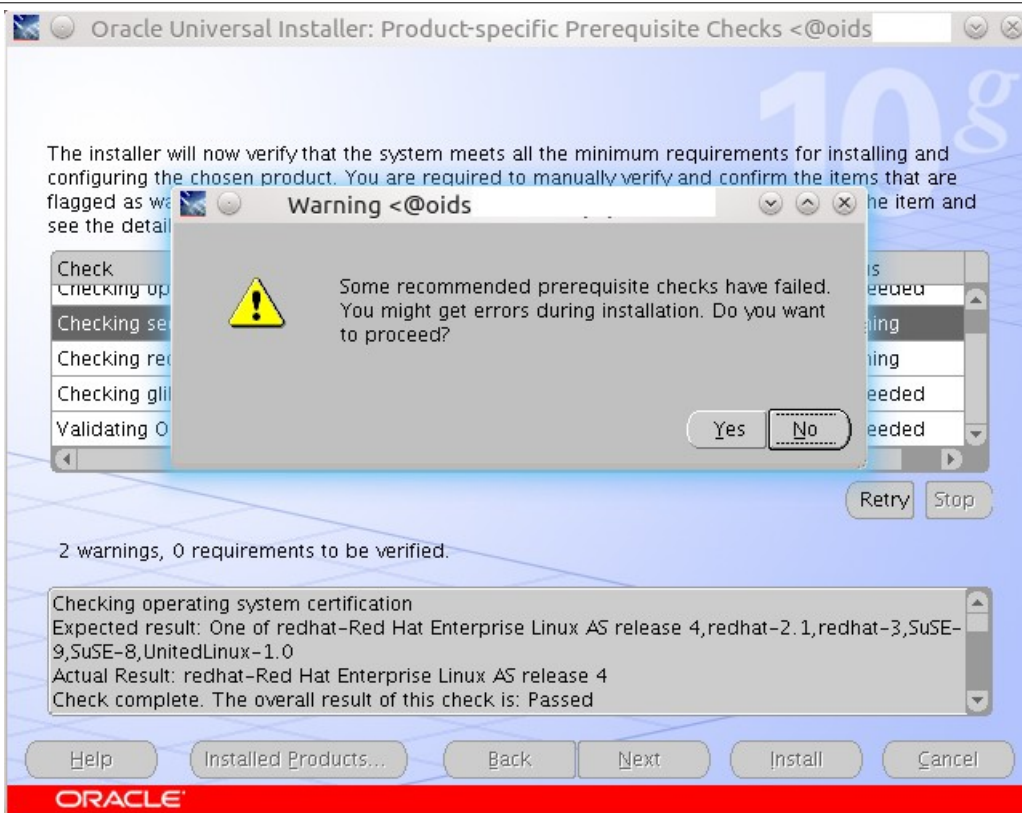
Select Infrastructure and click Next.



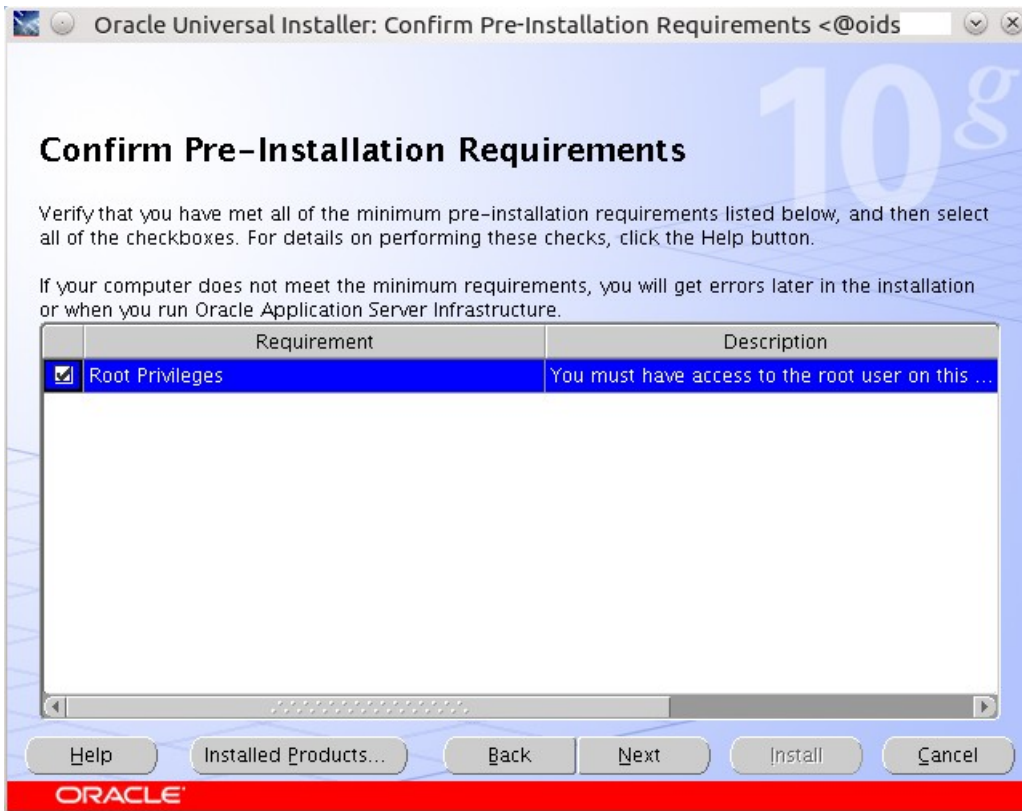
Select Identity Management and click Next.



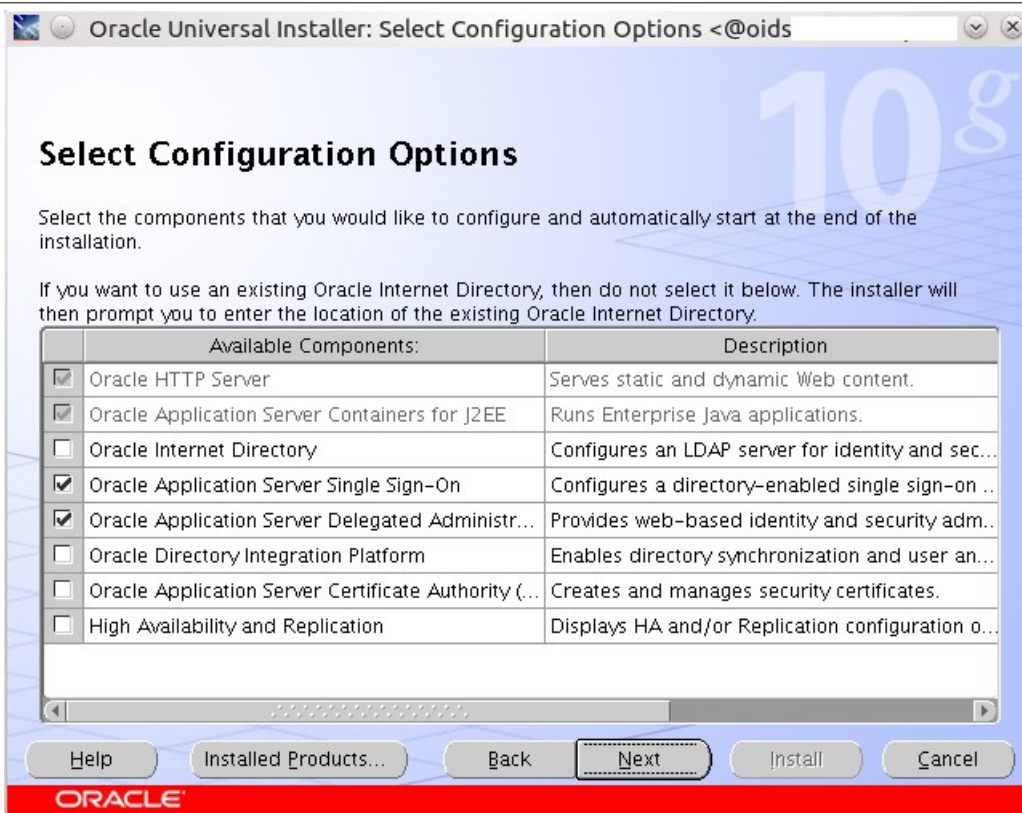
Click Next.



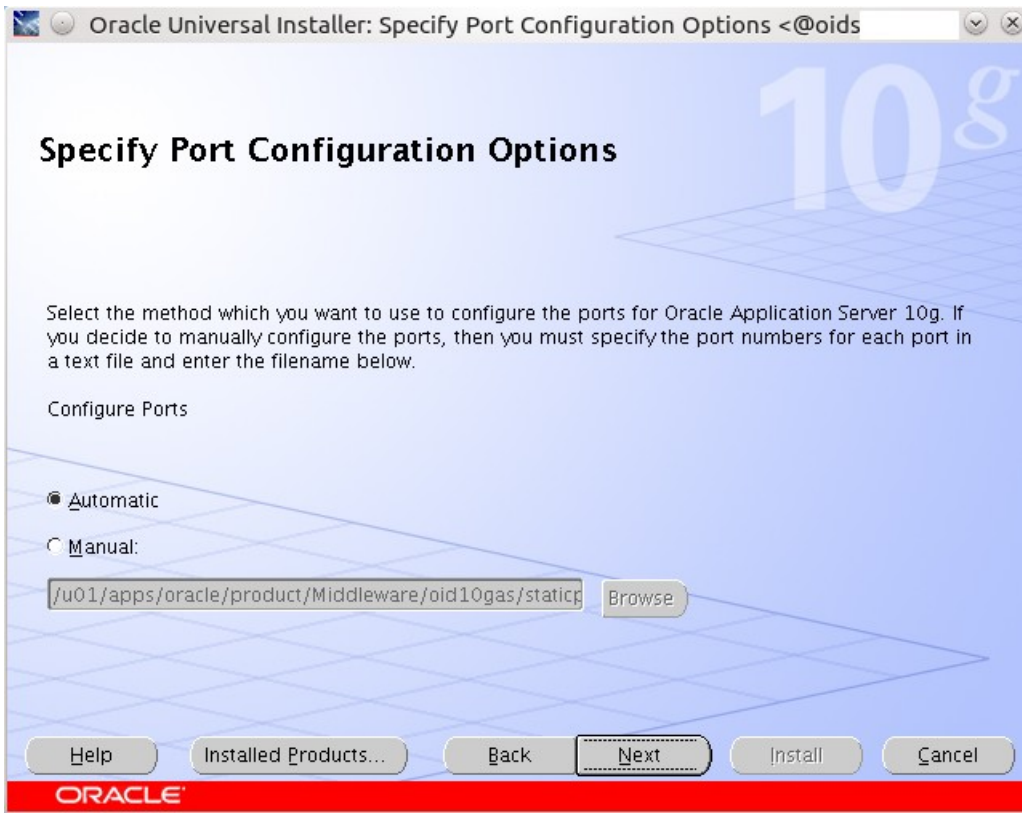
Click Yes.



Select Root and click Next.



Select SSO and Delegate Admin and click Next.



Select Auto and click Next.



Enter information shown and click Next.

Oracle Universal Installer: Specify Oracle Internet Directory Login <@oids

Specify Oracle Internet Directory Login

Enter your username and password to login to the Oracle Internet Directory at the hostname and port `oidsvr101.scriptpro.com:3131`. You need to be the Oracle Internet Directory superuser or a OracleAS Single Sign-On user. Use `cn=orcladmin` as the username if you are the Oracle Internet Directory superuser. Use your Single Sign-on username if you are a OracleAS Single Sign-On user with the appropriate install privileges.

Username:

Password:

Help Installed Products... Back Next Install Cancel

ORACLE

Enter login and click Next.

Oracle Universal Installer: Specify Instance Name and ias_admin Password ...

Specify Instance Name and ias_admin Password

All Oracle Application Server Infrastructure instances installed on a host must have unique names. The hostname and domain name of the host are appended to the instance name.

Each Oracle Application Server Infrastructure instance has its own password, regardless of which user performed the installation. Passwords are not shared across instances, even if the instances were installed by the same user.

The password must have a minimum of 5 alphanumeric characters, maximum 30 characters, and at least one of the characters must be a number.

Administrator Username: `ias_admin`

Instance Name:

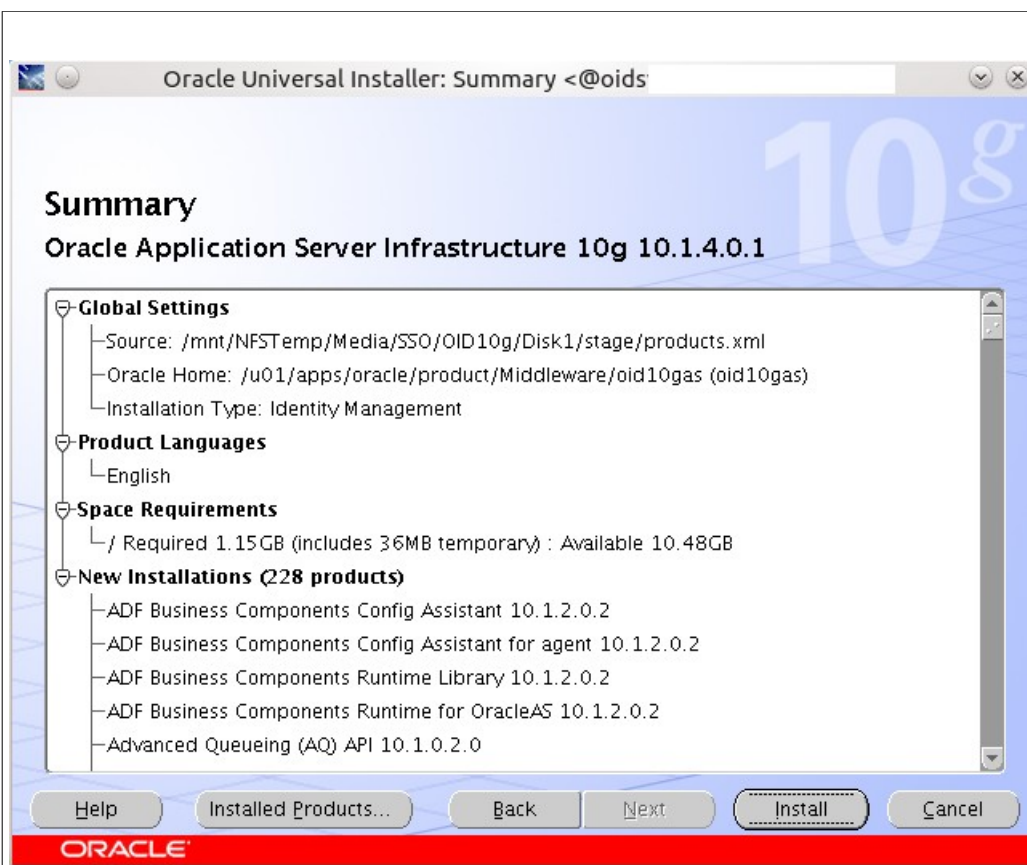
ias_admin Password:

Confirm Password:

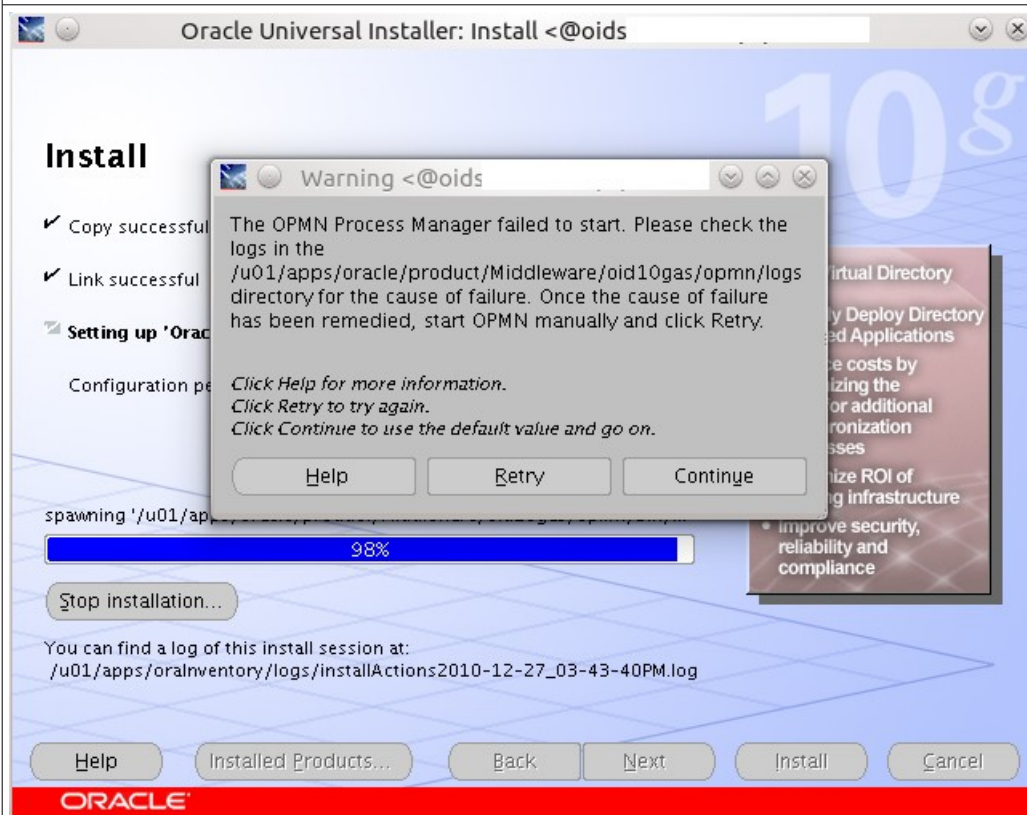
Help Installed Products... Back Next Install Cancel

ORACLE

Enter information as shown and click Next.

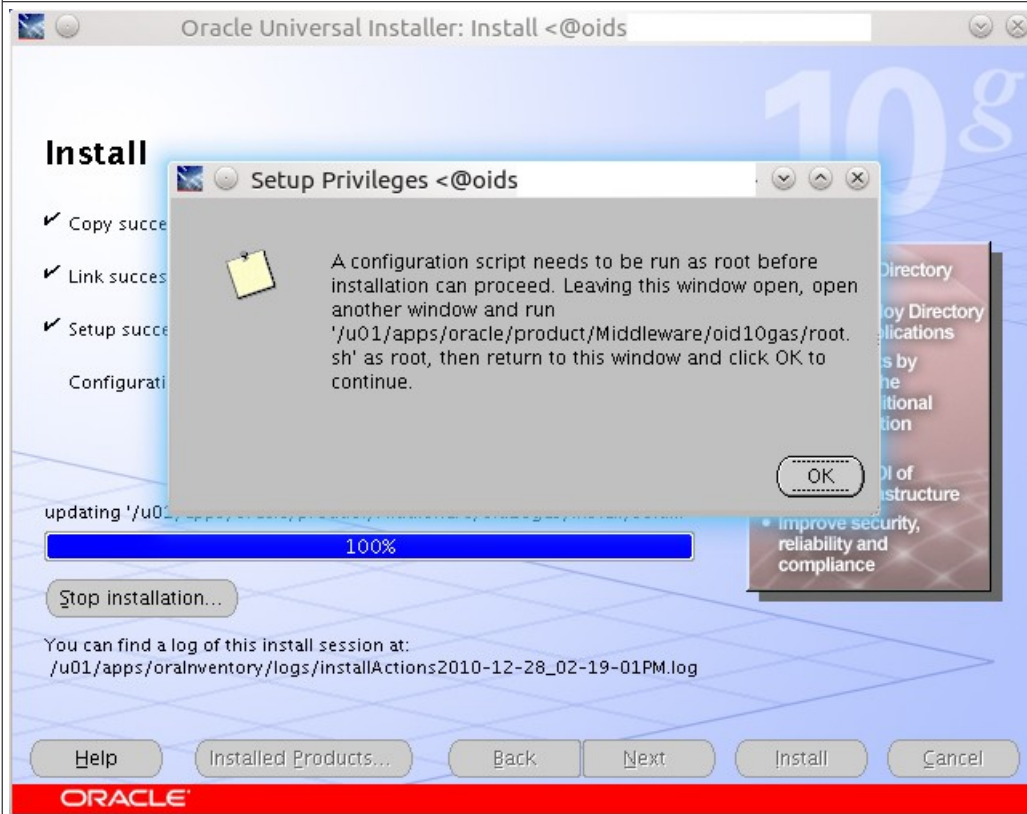


Click Install. Get coffee or soda.



Via a new session run `/u01/apps/oracle/product/Middleware/oid10gas/opmn/bin/opmnctl startall`

Click Continue.

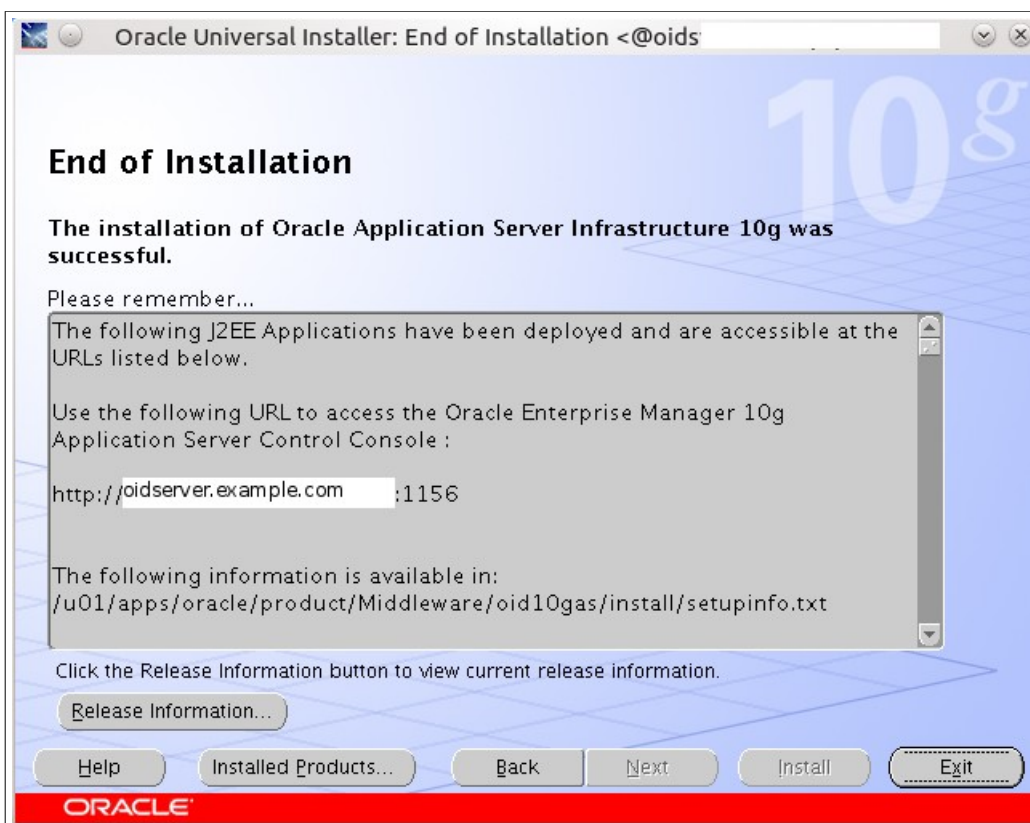


Run patches before running root.sh

From another session run:

```
unzip -o /mnt/NFSTemp/Media/SSO/p6880880_101000_LINUX.zip -d
/u01/apps/oracle/product/Middleware/oid10gas
export ORACLE_HOME=/u01/apps/oracle/product/Middleware/oid10gas
cd /mnt/NFSTemp/Media/SSO/5649850
/u01/apps/oracle/product/Middleware/oid10gas/OPatch/opatch apply
```

Run script as root. Once complete click OK. Go get coffee.



Click Exit.

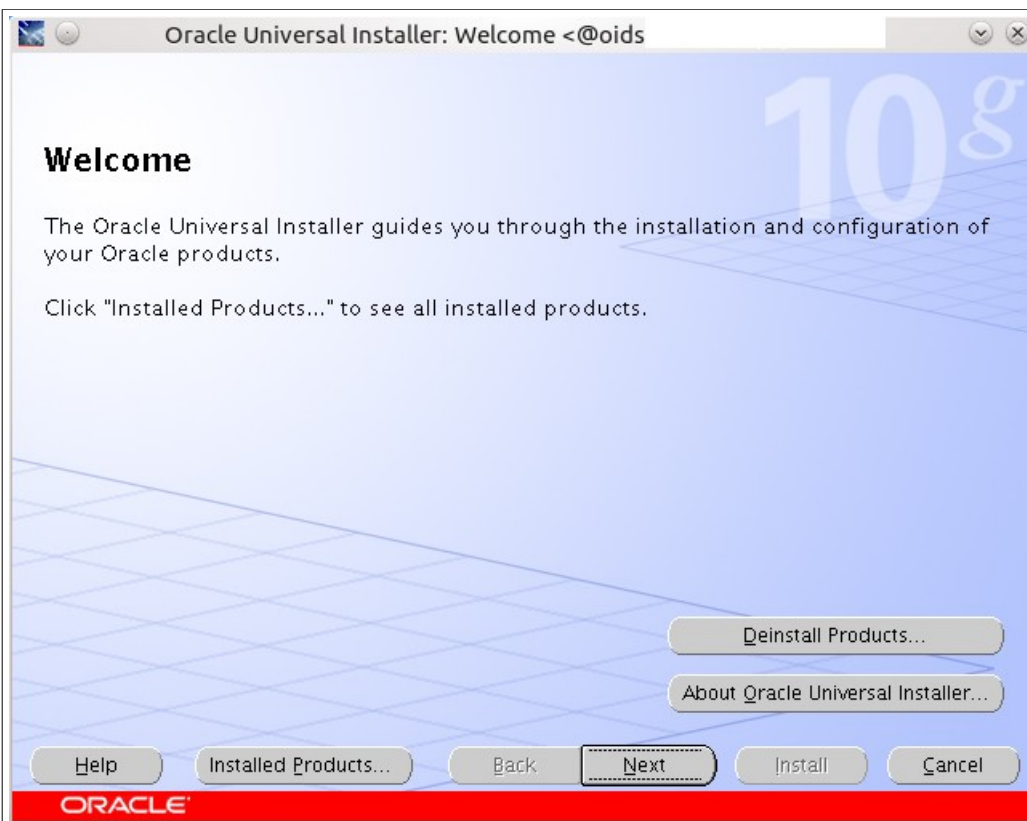
cp -f DBConnectQueries.jar

/u01/apps/oracle/product/Middleware/oid10gas/inventory/Queries21/DBConnectQueries/8.4

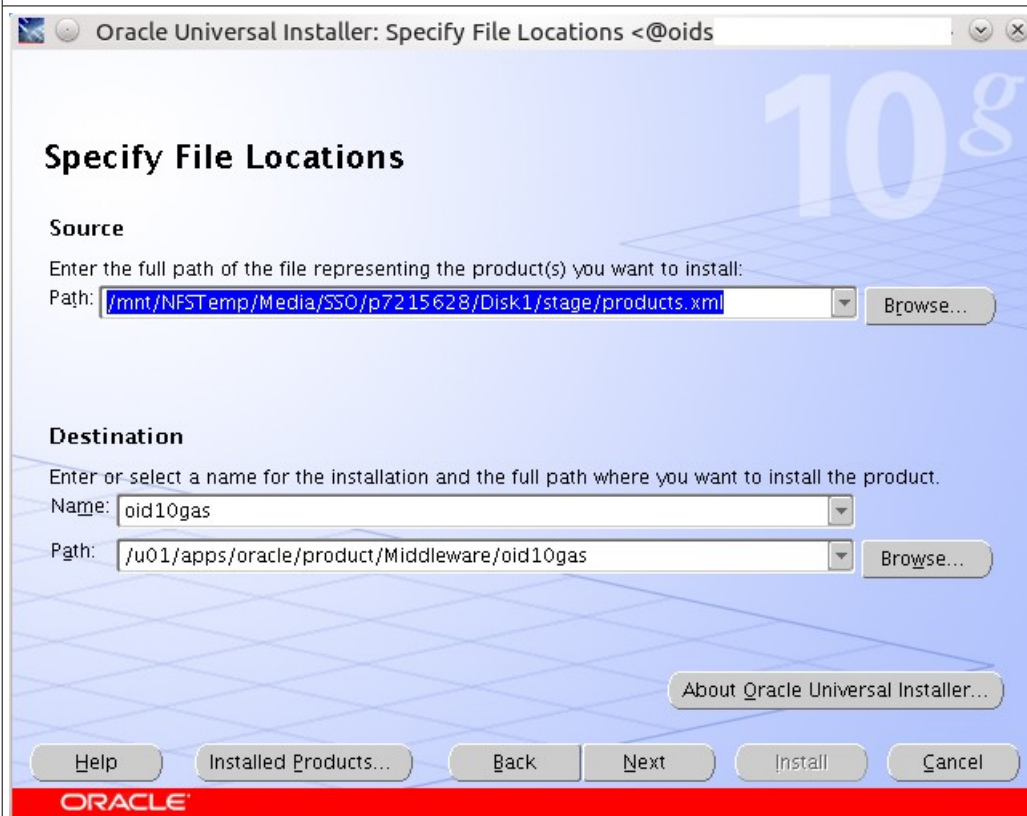
cp -f IP_DBQueries.jar

/u01/apps/oracle/product/Middleware/oid10gas/inventory/Queries21/IP_DBQueries/3.0/

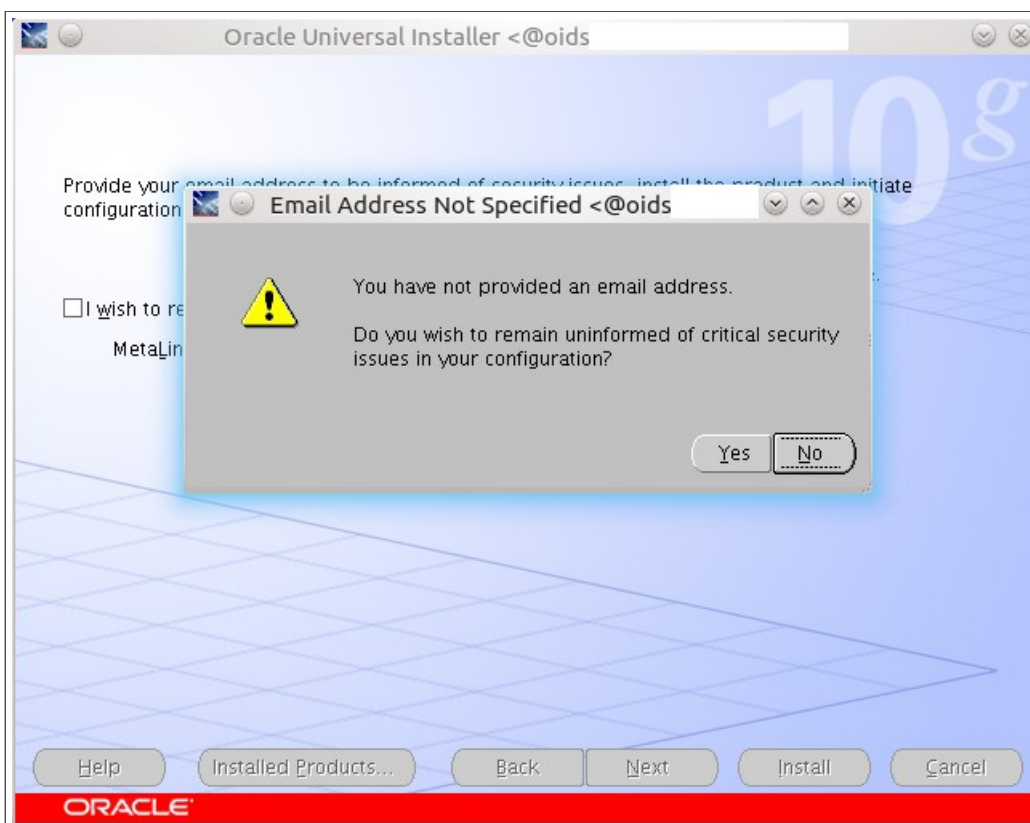
/mnt/NFSTemp/Media/SSO/p7215628/Disk1/runInstaller



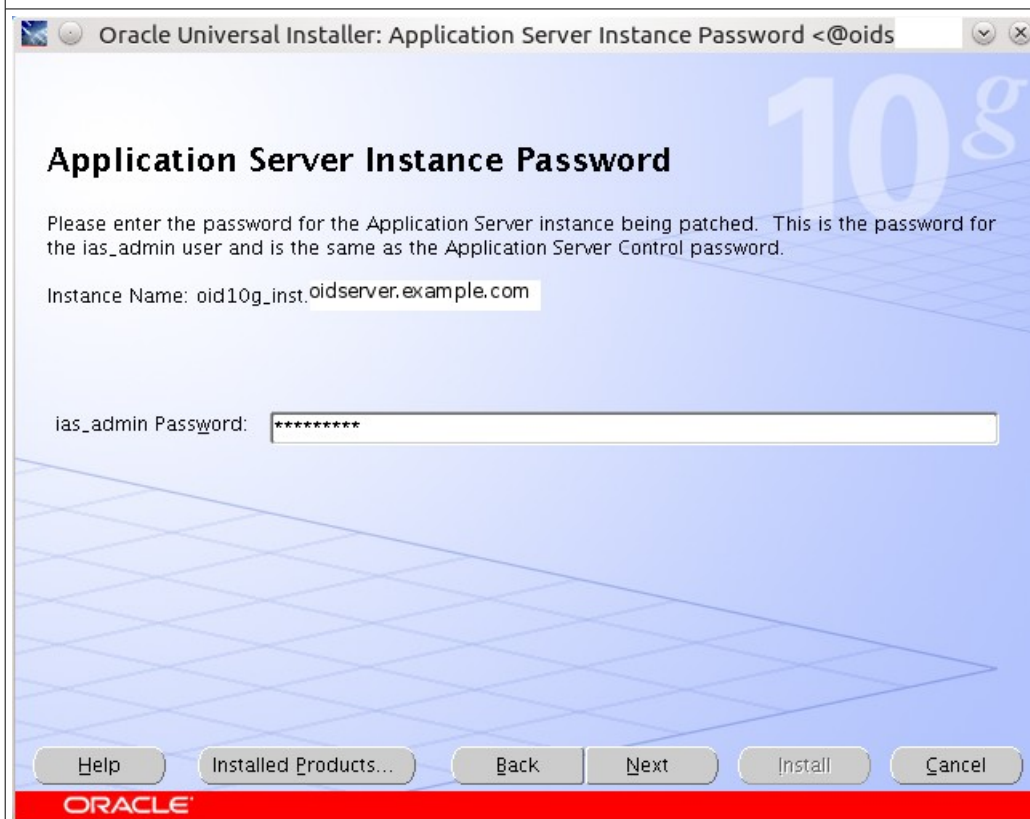
Click Next.



Enter locations as shown and click Next.



Uncheck updates and click Next, then click Yes.



Enter password and click Next.

Oracle Universal Installer: Oracle Internet Directory Login <@oids

Oracle Internet Directory Login

This update installation will need to connect to your Oracle Internet Directory. Enter your username and password to connect/login to the Oracle Internet Directory at the hostname and port oidserver, example.com:3131. You need to be the Oracle Internet Directory Superuser, which by default is the user cn=orcladmin.

Username:

Password:

ORACLE

Enter as shown and click Next.

Oracle Universal Installer: Enter Metadata Repository SYS Password <@oid...

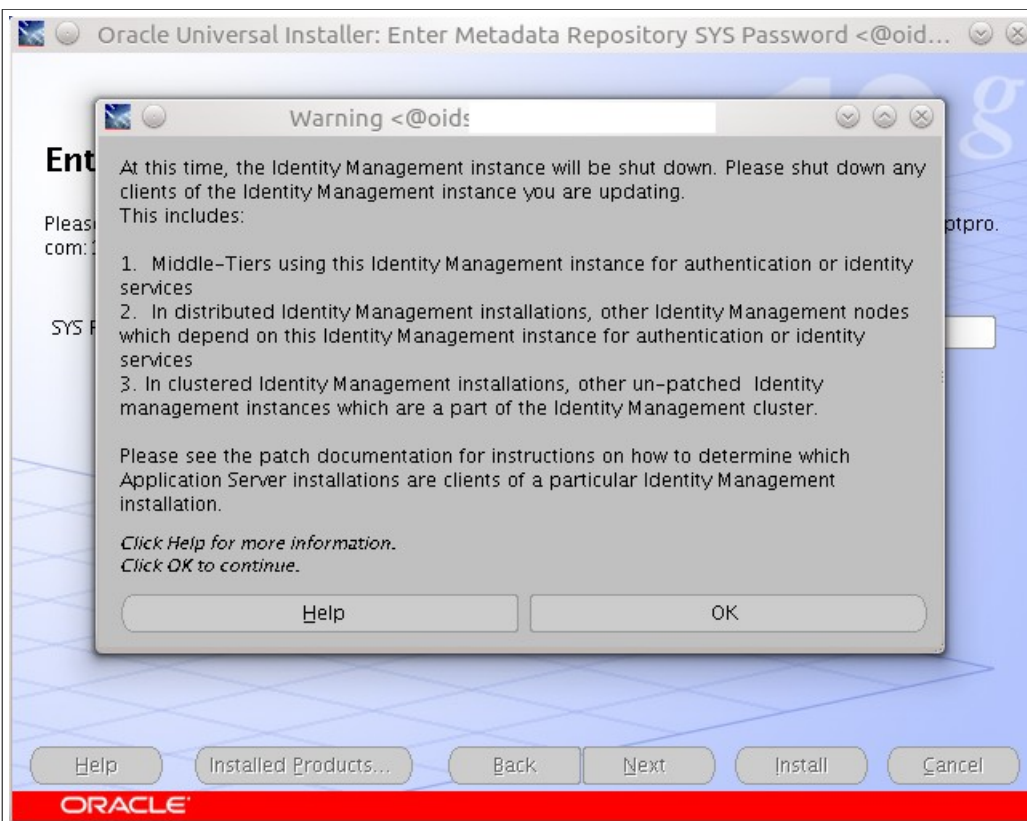
Enter Metadata Repository SYS Password

Please enter the password for the Metadata Repository SYS user on this database: oidserver.example.com:1521:oidprd11g:oidprd11g

SYS Password:

ORACLE

Enter pass and click Next.



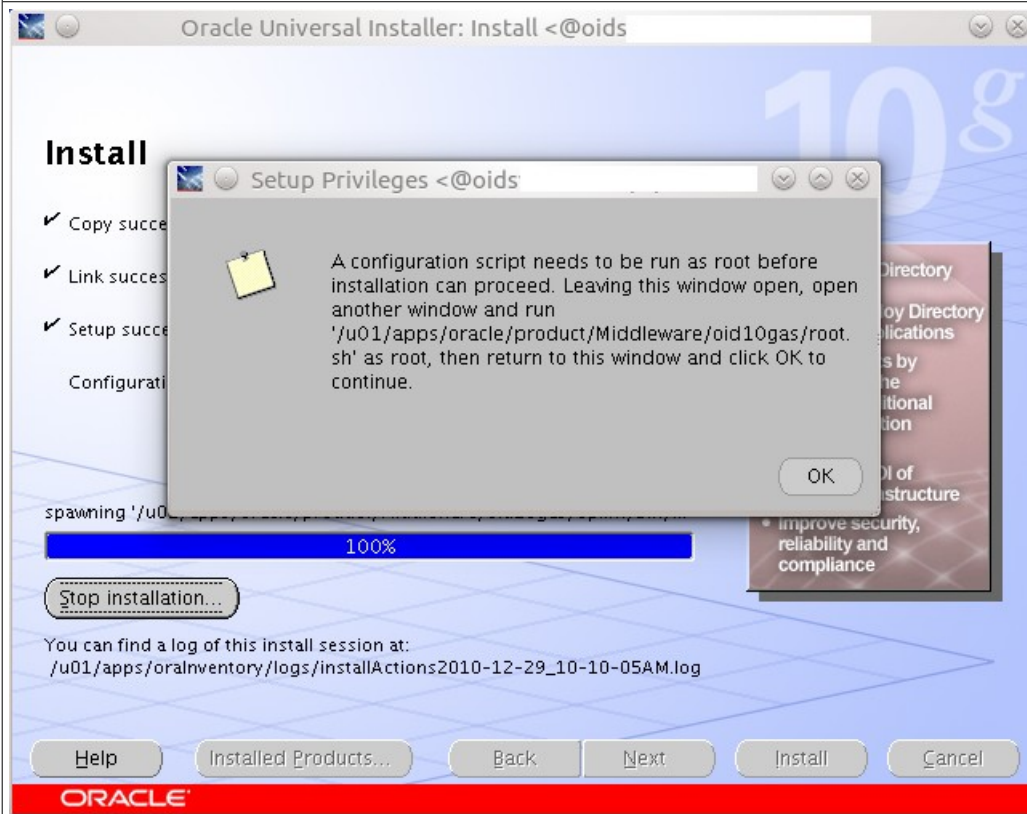
Click OK.



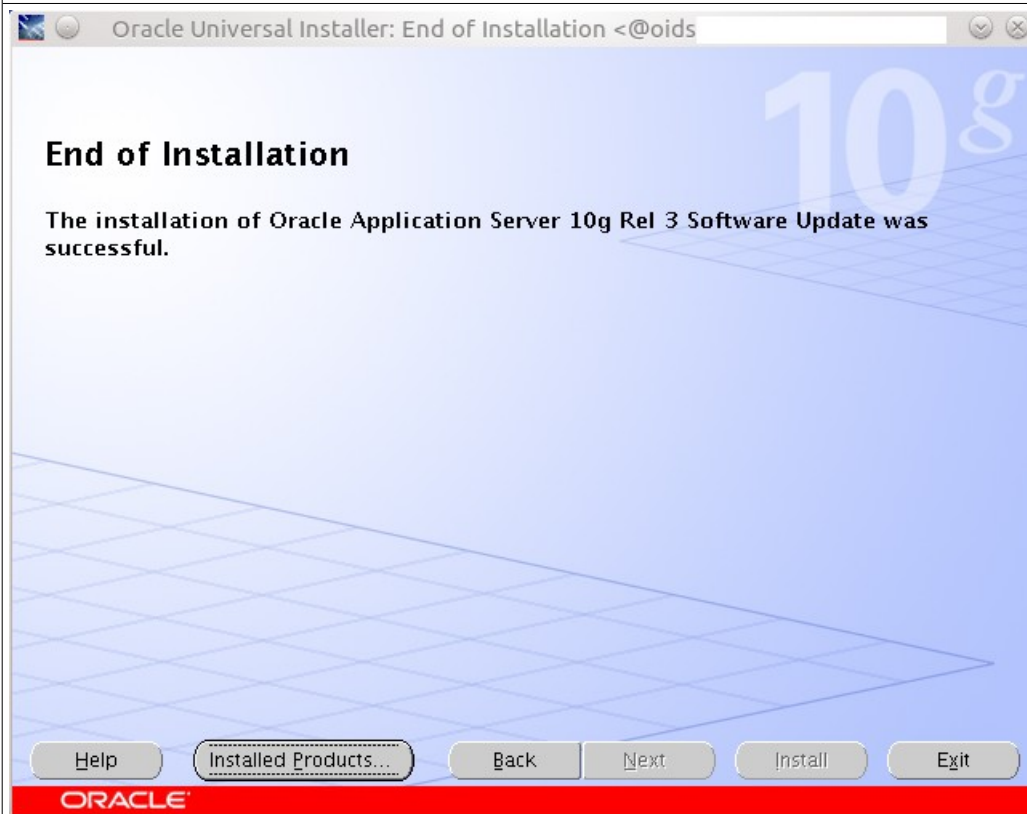
Click Install.

If error: `chmod -R u+w /u01/apps/oracle/product/Middleware/oid10gas/OPatch/*`

Click retry.



Run script as root. When complete click OK. Go get coffee.

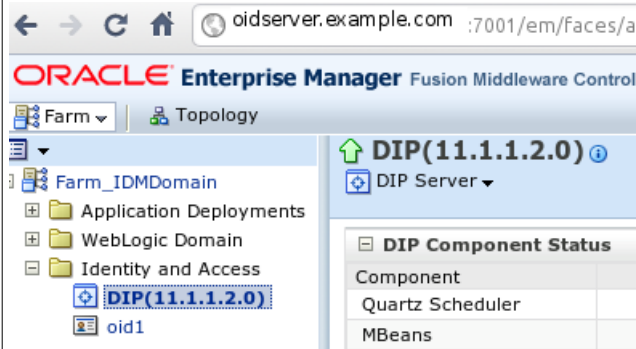


Click Exit.

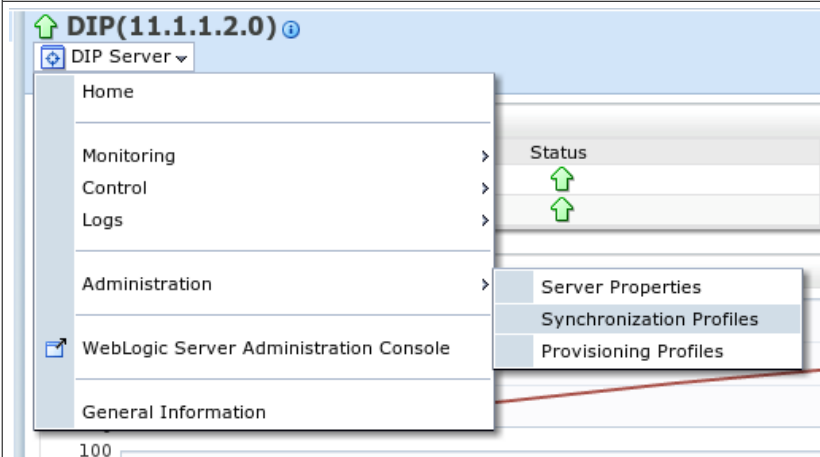
oidserver.example.com 3131 -ssl oid1 oidprd11g pass pass -op3

Setup OID AD sync

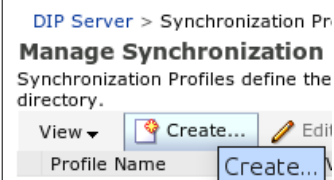
Login <http://oidserver.example.com:7001/em>



Expand Identity and Access, highlight DIP



Click DIP Server, goto Admin, select Sync Profiles.



Select Create.

General Mapping Filtering Advanced

* Profile Name

Profile Status ☐ Enabled

Use DIP-OID as? ☐ Source
☒ Destination

Source Details

* Type

* Host

* Port

SSL Settings ☐ Enabled

* User Name

* Password

Enter information for General.

General Mapping Filtering Advanced

Columns Hidden 1

Attribute Mapping Rules

View

Source Container			DIP-OID Container		Attribute Mapping Expression
ObjectClass	Attribute(s)	Attribute Required	ObjectClass	Attribute	
organizatio...	telephonenumber		inetorgpers...	telephonenumber	
organizatio...	ou		organizatio...	ou	
person	cn		person	cn	
top	distinguishedname		orcladobject	orclsourceobjectdn	
top	objectguid			orclobjectguid	bin2b64(object...
user	physicaldeliveryoffice...		organizatio...	physicaldeliveryoffice...	
user	title		organizatio...	title	
user	givenname		inetorgpers...	displayname	
user	employeeid		inetorgpers...	employeenumber	
user	userprincipalname		inetoropers...	mail	

Columns Hidden 1

Under Mapping tab select Mapping Rule Attrib is title and click edit.

Edit Attribute Mapping Rule

Source ObjectClass

Source Attribute(s) ☒ Single Attribute ☐ Multiple Attributes

Attribute(s)

Source Attribute Required ☒

DIP-OID ObjectClass

DIP-OID Attribute

DIP-OID Attribute Type

Mapping Expression

Select required and click OK.

General **Mapping** Filtering Advanced

Domain Exclusions List

Create... Delete...

View ▾

Source Container	Validation	
	Status	Message

Attribute Mapping Rules

Create... Edit... Delete...

View ▾

Source Container			DIP-OID Container	
ObjectClass	Attribute(s)	Attribute Required	ObjectClass	Attribute
user	userprincipalname		inetorgperson	mail
user	samaccountname		person	sn
user	objectsid		orcladobject	orclobjectsid
user	userprincipalname		orcladuser	orcluserprincipalname
user	samaccountname,use...		orcladuser	orclsamaccountname
user	userprincipalname		orcluserv2	krbprincipalname
user	userprincipalname		inetorgperson	uid

Under Mapping tab select Mapping Rule Attrib is uid and click edit.

Edit Attribute Mapping Rule

Source ObjectClass **user** ▾

Source Attribute(s) ☒ Single Attribute ☐ Multiple Attributes

Attribute(s) **samaccountname** ▾

Source Attribute Required ☐

DIP-OID ObjectClass **inetorgperson** ▾

DIP-OID Attribute **uid** ▾

DIP-OID Attribute Type

Mapping Expression

OK Cancel

Change mapping as shown and click OK.

General
Mapping
Filtering
Advanced

Domain Exclusions List

Create...
Delete...

View

Source Container	Validation
Status	Message

Attribute Mapping Rules

Create...
Edit...
Delete...

View

Source Container	Attribute(s)	Attribute Required	DIP-OID Container	Attribute	Attr Exp
group	samaccountname		orclgroup	displayname	
group	cn		groupofuniquenames	cn	
group	samaccountname		orcladgroup	orclsamaccountname	
group	managedby		groupofuniquenames	owner	
group	member		groupofuniquenames	uniquemember	
group	description		groupofuniquenames	description	

Select attrib samaccountname and click Edit.

Edit Attribute Mapping Rule

Source ObjectClass
group

Source Attribute(s)

Single Attribute
Multiple Attributes

Attribute(s)
samaccountname

Source Attribute Required
☐

DIP-OID ObjectClass
orclgroup

DIP-OID Attribute
displayname

DIP-OID Attribute Type

Mapping Expression

OK

Cancel

Set as shown and click OK.

Enable AD Plugin

```
export ORACLE_HOME=/u01/apps/oracle/product/Middleware/oid10gas
export ORACLE_INSTANCE=/u01/apps/oracle/product/Middleware/oidprd10g
./dipassistant ea -h oidserver.example.com -p 3060 -D cn=orcladmin -w pass -t AD
```

```
Please enter 1, 2, 3, 4, 5, 6, 7, or 8: 2
Please enter host name: adhost.example.com
Please enter port number: 389
```

```
Please enter 1, 2, 3, 4, 5, 6, 7, or 8: 7
```

--

Run following script to get sql to update fnd_users table

```

#!/bin/bash
#
# Author: Troy Hockman
# Script to build update file to import into fnd_users table
# It can also be used for a quick search tool.
# It will prompt for search string and password, then build ldap.ldif
#
clear
ldapsearch="/u01/apps/oracle/product/Middleware/oid10gas/bin/ldapsearch"
ldapf="ldap.ldif"
ldaph="localhost"
echo " "
echo -n "Enter search filter: "
read sfilter
echo -n "Enter Password: "
stty -echo
read password
stty echo

$ldapsearch -v -h $ldaph -p 3060 -D "cn=orcladmin" -w $password -b "" -s sub "uid=$sfilter" orclguid uid > $ldapf
err=$(cat $ldapf | grep returning)
if [ -n "$err" ]; then
    if [ -e "$ldapf" ]; then
        cat $ldapf | grep uid= | grep -v filter | sed -e "s/orclguid=/USER_GUID=/" -e "s/uid=/user_name=/" > /tmp/$$ && mv /tmp/$$ $ldapf
        awk '{ printf "%s", $0; getline var; printf " %s\n", var }' $ldapf > /tmp/$$ && mv /tmp/$$ $ldapf
        awk '{ printf "update fnd_user set "; print $1 " " where " $2 " " $ldapf > /tmp/$$ && mv /tmp/$$ $ldapf
        tr '[:lower:]' '[:upper:]' < $ldapf > /tmp/$$ && mv /tmp/$$ $ldapf
    fi
    echo " "
    echo "Complete. Please use $ldapf for your needs."
else
    echo " "
    echo "Problem! Please read screen output for error."
    rm -f $ldapf
fi

```

Use created file to update ebs db.

Configure EBS 11i to use new OID

**If EBS is already registered run txkrun.pl -script=SetSSOReg -removereferences=yes
Then run txkrun.pl -script=SetSSOReg answering the questions.**

Enter the host name where Oracle iAS Infrastructure database is installed ?

oidserver.example.com

Enter the Oracle iAS Infrastructure database port number ? 1521

Enter the Oracle iAS Infrastructure database SID ? oidprd11g

Enter the LDAP Port on Oracle Internet Directory server ? 3060

Enter Oracle E-Business apps database user password ? pass

Enter Oracle iAS Infrastructure database ORASSO schema password ? Use below script to get ORASSO pass.

```
#!/bin/bash
# Script to get schema passwords.

OIDHOST=localhost
OIDPORT=3060
#
echo "Enter the desired Oracle schema name (default orasso): "
read DBUSERNAME

if [[ -z $DBUSERNAME ]]; then
echo "No schema value entered, using default:orasso"
DBUSERNAME=orasso
fi
#
#
echo "Enter the password of the cn=orcladmin user (usually the ias installation password): "
stty -echo
read OIDPW
stty echo
#

echo "Looking up schema password from $OIDHOST:$OIDPORT"
$ORACLE_HOME/bin/ldapsearch -h $OIDHOST -p $OIDPORT -D "cn=orcladmin" -w "$OIDPW" -b "cn=IAS Infrastructure
Databases,cn=IAS,cn=Products,cn=OracleContext" -s sub "orclResourceName=$DBUSERNAME" orclpasswordattribute
```

Enter Oracle E-Business SYSTEM database user password ? pass

Enter E-Business Suite existing SSOSDK schema password or choose a password to use with the new SSOSDK schema if the schema does not exist ? pass

Enter the Oracle Internet Directory Administrator (orcladmin) Bind password ? pass

Enter the instance password that you would like to register this application instance with ? Pass

After everything is running Troubleshooting:

If errors about sid name run oidprovtool from 10g. Could be caused by RAC.

```
oidprovtool operation=modify ldap_host=host ldap_port=3060 ldap_user_dn="cn=orcladmin"
ldap_user_password=pass
application_dn="orclApplicationCommonName=Name,cn=EBusiness,cn=Products,cn=OracleContext
,dc=example,dc=com" interface_connect_info=dbserver:1521:servicename.example.com:appuser:pass
```

