

Step by Step SOA 12c Installation guide

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Platform Details

- H/W Platform: Linux soa12c-live 3.8.13-55.1.1.el6uek.x86_64 #2 SMP Thu Dec 11 00:20:49 PST 2014 x86_64 x86_64 x86_64 GNU/Linux
- S/W Environment: Oracle
- Application Type: Middleware

Target readers

Oracle SOA Suite Developers, System Administrators, Technical Architects, Technical Leads.

Key words

SOA 12c, Database Installation, Fusion Middleware

Overview

This document provides a step by step procedure for the installation of Oracle SOA Suite $12\ensuremath{\mathsf{c}}$

Contents

Sequence of Installation	4
Database Installation	5
Oracle SOA 12c Installation	16
Run RCU to create schema	22
Create a domain	27

Sequence of Installation



Note:

Please refer the screenshots of the installation and/or configuration below each section.

Database Installation

 Login as root user and install the Database package from yum repository by giving the below command. It will take care of the all the pre-requisite required by Oracle Database Server (<u>http://www.oracle.com/technetwork/articles/servers-storage-admin/ginnydbinstallonlinux-488779.html</u>)

yum install oracle-rdbms-server-11gR2-preinstall

- Download Oracle Database installer from support.oracle.com
 Patch 13390677: 11.2.0.4.0 PATCH SET FOR ORACLE DATABASE SERVER
- Out of the 7 parts, for standard Database, we require only first 2 parts: p13390677_112040_Linux-x86-64_1of7.zip p13390677_112040_Linux-x86-64_2of7.zip
- 4) Unzip the above files.
- 5) Run the installer in the command prompt

./runInstaller

Oracle Databa Configure Security	se 11g Release 2 Install	er - Installing database - Ste	$\begin{array}{c} p \ 1 \ of \ 9 \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \\ \\ \hline \\ \\ \\ \\ \\ \hline \\$
Configure Security Updates	Provide your email address to b and initiate configuration manag	e informed of security issues, install the p ger. <u>View details</u> ,	product
Installation Option Grid Options Install Type	E <u>m</u> ail:	Easier for you if you use your My Oracl address/username.	e Support email
Typical Installation Prerequisite Checks Summary Install Product	My <u>O</u> racle Support Password:	lates via My Oracle Support.]
ل ن Finish			
		< <u>B</u> ack	Next >

6) Click Next



7) Select Create and Configure a database and hit Next

Oracle Databa	ase 11g Release 2 Installer - Installing database - Step 3 of 8 $_$ $_$ \square \times
System Class	
Configure Security Updates Installation Option System Class Typical Installation Prerequisite Checks Summary Install Product Finish	 ▶ Desktop Class Choose this option if you are installing on a laptop or desktop class system. This option includes a starter database and allows minimal configuration. ♥ ● Server Class Choose this option if you are installing on a server class system, such as what you would use when deploying Oracle in a production data center. This option allows for more advanced configuration options.
Help	Search Next > Einish Cancel

8) Select Server Class

Oracle Databas	se 11g Release 2 Installer - Installing database - Step 4 of 10 ×
Node Selection	
Configure Security Updates	Select the type of database installation you want to perform.
🔍 Installation Option	Single instance database installation
🗼 <u>System Class</u>	<u>Real Application Clusters database installation</u>
Grid Options	
histall Type	
Y Typical Installation	
Prerequisite Checks	
ý Summary	
🌞 Install Product	
O Finish	
Help	< <u>Back</u> <u>Next</u> <u>Finish</u> Cancel

9) Select Single Instance

Oracle Databa	se 11g Release 2 Installer - Installing database - Step 5 of 10 $_$ $_$ \propto
Select Install Type	
Configure Security Updates Installation Option System Class <u>Grid Options</u> Install Type	Typical install Perform full Oracle Database installation with basic configuration. Advanced install Allows advanced selections such as different passwords for the SYS, SYSMAN, SYSTEM and DBSNMP accounts, database character set, product languages, automated backups, custom installation, and alternative storage options such as Automatic Storage Management.
Typical Installation Prerequisite Checks Summary Install Product Finish	
Help	< <u>Back</u> Next > Einish Cancel

10) Select Advanced Install

Oracle Databas	e 11g Release 2 Installer -	Installing database - St	ep 6 of 13	×
Select Product Languages				11 ^g
Configure Security Updates Installation Option System Class Crid Options Install Type Product Languages Database Edition Unstallation Location Operating System Groups Prerequisite Checks Summary Install Product Finish	Select the languages in which your Available Languages: Arabic Bengali Brazilian Portuguese Bulgarian Canadian French Catalan Croatian Czech Danish Dutch Egyptian English (United Kingdom) Estonian Finnish French German Greek Hebrew Hungarian Icelandic Indonesian	product will run. Selected Lang English	Juages:	
<u>H</u> elp		< <u>B</u> ack	<u>N</u> ext > <u>F</u> inish	Cancel



11) Select Standard Edition One

http://apps2fusion.com

soa12cInstallation

Oracle Database	e 11g Release 2 Installer - Installing database - Step 8 of 13 🛛 💷 🗙
Specify Installation	
 Configure Security Updates Installation Option System Class Grid Options Install Type Product Languages Database Edition Operating System Groups Prerequisite Checks Summary Install Product Finish 	Specify an Oracle base path to place all Oracle software and configuration-related files. This location is the Oracle base directory. Oracle Base@ /home/oracle/db Browse Specify a location for storing Oracle software files. This location is the Oracle home directory. Software Location: /home/oracle/db/product/11.2.0/dbhome_1 Browse
Help	Search Back Einish Cancel

12) Give Orade Base as some directory location

Oracle Databa	se 11g Release 2 Installer - Installing database - Step 9 of 13 🛛 💷 🗙
Create Inventory	
Configure Security Updates Installation Option System Class Grid Options	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: /home/oracle/oralnventory Browse
Product Languages Database Edition	Specify an operating system group whose members have write permission to the inventory directory (oralnventory). oralnventory Group Name:
Greate Inventory	
Prerequisite Checks	
y Summary	
unstall Product	
ပံ Finish	
	Sack Next > Einish Cancel

13) Select the default Inventory Location. Hit Next



14) Select General Purpose Database

Oracle Database	e 11g Release 2 Installer - Installing database - Step 11 of 21 🛛 💷 🗙
Specify Database Identifiers	
Configure Security Updates	An Oracle database is uniquely identified by a Clobal Database Name, typically of the form "name.domain".
System Class	Global database name: 💡 soa12c.apps2fusion.net
Grid Options	A database is referenced by at least one Oracle instance that is uniquely identified from any other
Product Languages	instance on this computer by an Oracle Service Identifier (SID).
Database Edition	Oracle Service Identifier (SID): soa12c
Create Inventory	
Configuration Type	
Database Identifiers	
Configuration Options	
Management Options	
O Database Storage	
A Backup and Recovery	
🗘 Schema Passwords 🔤	
Operating System Groups	
Prerequisite Checks	
Ú Summary ▼	
<u>H</u> elp	< <u>Back</u> <u>N</u> ext > <u>Finish</u> Cancel

15) Give the Service Name for your Database.



16) Select Character set as AL32UTF8.

Oracle Databas	e 11g Release 2 Installer - Installing database - Step 12 of 21 🛛 💶 🗙
Specify Configuration Opti	
Configure Security Updates Installation Option System Class Grid Options Install Type Product Languages Database Edition Unstallation Location	Memory Character sets Security Sample Schemas Enabling Automatic Memory Management allows the database to distribute memory automatically between the system global area (SGA) and the program global area (PGA), based on user-specified overall database memory target size. If automatic memory management is not enabled, then the SGA and PGA must be sized manually. Image: Security Image: Security Sample Schemas Image: Security Image: Security Sample Schemas Sample Schemas Image: Security Image: Security Samp
Create Inventory Configuration Type Database Identifiers Configuration Options Management Options	SGA target: AUTO MB PGA aggregate target: AUTO MB Target Database Memory: 2975 MB
Database Storage Backup and Recovery Schema Passwords Operating System Groups Prerequisite Checks	
Summary	Sack Next > Finish Cancel

17) Adjust the memory as per your environment.

Oracle Databas	e 11g Release 2 Installer - Installing database - Step 14 of 21 💦 🚊 🗆 🗙
Specify Database Storage (
Configure Security Updates Installation Option System Class Crid Options Install Type Product Languages Database Edition Database Edition Create Inventory Configuration Location Create Inventory Configuration Type Database Identifiers Configuration Options Management Options Management Options Database Storage Backup and Recovery Schema Passwords Operating System Groups Prerequisite Checks	• File System Is 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: /home/oracle/db/oradata @rowse 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 gassword of ASMSNMP user:
U Summary	
<u>H</u> elp	Sinish Cancel

18) Click Next

Oracle Databas	ie 11g Release 2 Installer - Installing database - Step 15 of 21 🛛 📃 🗆 🗙
Specify Recovery Options	
Configure Security Updates Installation Option System Class Crid Options Install Type Product Languages Database Edition Create Inventory Configuration Type Database Identifiers Configuration Options Management Options Database Storage Backup and Recovery Scheme Bersonerde	Select to enable or disable automated backups for your database. If enabled, then the Backup Job uses the specified recovery area storage.
Operating system Groups	
Prerequisite Checks	
Summary	
Help	Seak Next > Finish Cancel

19) Click Next

💼 🛛 Oracle Database 11g Release 2 Installer - Installing database - Step 17 of 21 👘 💷 🛪				
Privileged Operating Syste				
 Configure Security Updates Installation Option System Class Grid Options Install Type Product Languages Database Edition Installation Location Create Inventory Configuration Type Database Identifiers Configuration Options Management Options Database Storage Backup and Recovery Schema Pass words Management Spraw Options 	SYSDBA and SYSOPER privileges are required to create a database using operating system (OS) authentication. Membership in OSDBA grants the SYSDBA privilege, and membership in OSOPER grants the SYSOPER privilege, which is a subset of SYSDBA privileges. Select the name of the OSDBA group to grant the SYSDBA privilege. You must be a member of this group. Database <u>A</u> dministrator (OSDBA) Group: dba Database <u>Operator (OSOPER) Group</u> : oinstall ▼			
Prerequisite Checks				
Help	Seak Einish Cancel			

20) Select the group as oinstall and click Next.

Oracle Database 11g Release 2 Installer - Installing database - Step 19 of 21				
Summary				
🌼 Configure Security Updates 🚔	Oracle Database 11g Release 2 Installer			
🙏 Installation Option	Global settings			
O System Class	Disk space: required 4.22 GB available 401.15 GB			
Crid Ontions	Source location: /mnt/hgfs/stage/Database/database/install//stage/products.xml			
T Grid Options	Install method: Advanced installation			
A Install Type	Database edition: Standard Edition One (Create and configure a database)			
🌞 Product Languages	Oracle base: /home/oracle/db			
🙏 Database Edition	Software location: /home/oracle/db/product/11.2.0/dbhome_1			
Installation Location	OSDBA group: dba			
Create Inventory	E-Inventory information			
Configuration Type	Inventory location: /home/oracle/oralnventoryDB			
	oralnventory group: oinstall			
U Database Identifiers	□ Database information			
Configuration Options	Configuration: General Purpose / Transaction Processing			
🌵 Management Options	Global database name: soa12c.apps2fusion.net			
🗘 Database Storage	Oracle system identifier (SID): soa12c			
🙏 Backup and Recovery	Allocated memory: 2975 MB			
Schema Passwords	Save Response File			
() Operating System Croups				
Coperating system Groups				
Prerequisite Checks				
Summary				
Help	< <u>B</u> ack <u>N</u> ext > <u>Einish</u> Cancel			

21) Click Finish.

Oracle Databa	ase 11g Release 2 Installer - Installing database - Step 20 of 21	×
Install Product		g
Installation Option	Progress]
Grid Options	8% Executing pre-requisites	
♀ Install Type ♀ Product Languages		
Database Edition	Oracle Database installation In Progr	ess
Create Inventory		ea
Configuration Type	Setup files Pending	
 Database Identifiers 	Oracle Database configuration Pending Execute Root Scripts for Oracle Database installation Pending	
Configuration Options		
 Management Options 		
 Database Storage 		
A Backup and Recovery		
 Schema Passwords 		
Operating System Groups	Details Retry	<u>S</u> kip
 Prerequisite Checks 		
Summary Install Product	Consolidat	te
Help	< <u>Back</u> Next >	Cancel

Database Configuration Assistant ×
Database creation complete. For details check the logfiles at: /home/oracle/db/cfgtoollogs/dbca/soa12c.
Database Information: Global Database Name: soa12c.apps2fusion.net System Identifier(SID): soa12c Server Parameter File name: /home/oracle/db/product/11.2.0/dbhome_1/dbs/spfilesoa12c.ora
The Database Control URL is https://soa12c-live.apps2fusion.net:1158/em
Management Repository has been placed in secure mode wherein Enterprise Manager data will be encrypted. The encryption key has been placed in the file: /home/oracle/db/product/11.2.0 /dbhome_1/soa12c-live.apps2fusion.net_soa12c/sysman/config/emkey.ora. Please ensure this file is backed up as the encrypted data will become unusable if this file is lost.
Note: All database accounts except SYS, SYSTEM, DBSNMP, and SYSMAN are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts (except DBSNMP and SYSMAN). From the Password Management window, unlock only the accounts you will use. Oracle Corporation strongly recommends changing the default passwords immediately after unlocking the account.
Password Management)
<u>ok</u>)

Execute Configuration scripts	×			
The following configuration scripts need to be executed as the "root" user.				
Scripts to be executed:				
Number Script Location	_			
1 /home/oracle/oralnventoryDB/orainstRoot.sh				
2 /home/oracle/db/product/11.2.0/dbhome_1/root.sh				
To execute the configuration scripts: 1. Open a terminal window 2. Log in as "root" 3. Run the scripts 4. Return to this window and click "OK" to continue				
Help OK]			

22) Run the above scripts as root user and then click Ok.

💼 🛛 Oracle Database 11g Release 2 Installer - Installing database - Step 21 of 21 👘 🖃 🗉 🗙				
Finish				
System Class	The installation of Oracle Database was successful.			
Grid Options	Note:			
🔶 Install Type	Enterprise Manager Database Control URL - (soa12c) :			
Product Languages	https://soal2c-live.apps2fusion.net:1158/em			
Database Edition				
unstallation Location				
Create Inventory				
Configuration Type				
Database Identifiers				
Configuration Options				
Management Options				
Database Storage				
A Backup and Recovery				
Schema Passwords				
Operating System Groups				
Prerequisite Checks				
ပုံ Summary				
unstall Product				
🧼 Finish				
Help	oracle@soal3c_live:/home/oracle < Back Next > Einish			
	oracle@soa12c-ive./iome/ofacle			

23) Database is installed successfully and ready to use. Click Close.

Oracle SOA 12c Installation

Step 1: Download Oracle SOA 12c installer.

Go to below link.

http://www.oracle.com/technetwork/middleware/soasuite/downloads/index.html?ssSourceSiteId=opn

Accept the License Agreement.

You must accept the OTN Free Developer License Agreement to download the free single developer desktop licensed version of Oracle Service Bus.

Accept License Agreement O Decline License Agreement

Click on Download link to download the installer.

	Erec (Prode SOA Suite 10e Installations					
	Free Oracle SOA Suite 12c Installations						
	This is the latest release of the Oracle SOA Suite 12c. Please see the Documentation tab f Release Notes, Installation Guides and other release specific information. Please also see the Samples provided for this release.						
🗏 Release 12c (12.1.3.0.0)							
	All Pla	tforms - Generic 64bit JVN ▼					
	■ R	ecommended Install Process					
	Tł	e following table breaks out the pieces needed to install Oracle SOA Suite.					
Components for a generic installation are available for downloading in the tab This is a known installation and configuration path for this release. Please se Fusion Middleware: Download, Installation & Configuration Readme and the I Guide for Oracle SOA and BPM Suite for assistance in creating alternative inst scenarios.							
		SOA Suite Quick Start Installer					
	1	SOA Suite 12.1.3 Size: 2.97 GB, Check Sum: 1579850769 Note: The generic SOA Suite Quick Start Installer for developers is used on all platforms. It allows you to quickly install a development or evaluation environment on a single host computer. It includes Oracle BPEL Process Manager, Oracle Human Workflow, Oracle Business Rules, Oracle Human Workflow, Oracle Business Rules, Oracle Enterprise Scheduler, SOA Spring Component, Enterprise Manager Fusion Middleware Control, Oracle JDeveloper with SOA IDE extensions and an integrated WebLogic Server and Java DB.					

You will see one jar file downloaded to your system. Extract that jar file and you will see below two executable jar files.

- fmw_12.1.3.0.0_soa_quickstart
- fmw_12.1.3.0.0_soa_quickstart2

We need to run these executable jar files from command prompt, for that we require supported JDK You can download latest jdk from below link.

http://www.oracle.com/technetwork/java/javase/downloads/index.html

We are using jdk1.7.0_71

Now run the below command by properly setting your JAVA_HOME and PATH variable.

[oracle@soal2c-live stage]\$ java -jar fmw_12.1.3.0.0_soa_quickstart.jar Launcher log file is /tmp/OraInstall2014-12-16_09-28-24AM/launcher2014-12-16_09-28-24AM.log. Extracting files..... Starting Oracle Universal Installer Checking if CPU speed is above 300 MHz. Actual 2666.620 MHz Passed Checking monitor: must be configured to display at least 256 colors. Actual 16777216 Passed Checking swap space: must be greater than 512 MB. Actual 16252924 MB Passed Checking if this platform requires a 64-bit JVM. Actual 64 Passed (64-bit not required) Checking temp space: must be greater than 300 MB. Actual 38923 MB Passed

Preparing to launch the Oracle Universal Installer from /tmp/OraInstall2014-12-16_09-28-24AM

Oracle Fusi	on Middleware 12c Insta	llation Inventory Setu	p ×
Installation Inv	entory Setup		
Central Inventory Directo	ry		
Enter the Central inventory central inventory directory	directory for all your oracle instal if it does not exist.	lations.The installer will create	a new
Inventory <u>D</u> irectory:	/home/oracle/oralnventory		<u>B</u> rowse
	Enter the full path for the director	γ.	
Operating System Group :	oinstall		
	Specify a group with write permis directory	sion to the inventory	
Central Inventory Pointer	File		
Click OK to create a script create a pointer file, which installations and administr	(createCentralInventory.sh) in the is used to identity the location of t rative operations, such as patching	inventory directory. Run this s he central inventory for future and upgrade.	cript to
Help		<u>о</u> к	Cancel

1) Give the Inventory Location and dick Ok

×





2) Click Next

soa12cInstallation

0	Oracle Fu	sion Middleware 12c SOA Quick Start Installation - Step 2 of 6	_ ×
In	stallation Location		
φ	Welcome	<u>O</u> racle Home:	
-	Installation Location	/home/oracle/fmw/product/123/Oracle_Home	
Ý	Prerequisite Checks	Feature Sets Installed At Selected Oracle Home: View	
Ý	Installation Summary	No Features are installed at selected Oracle Home.	
Ŷ	Installation Progress		
0	Installation Complete	This page only shows Feature Sets installed anywhere else.	
	Help	< <u>Back</u> Next > Eir	ish Cancel

3) Give Orade Home location and click Next.

Prerequisite Checks				
Welcome		10.09/		
Installation Location	100%			
Prerequisite Checks	Checking operating system certification	1		
Installation Summary	Checking lava version used to launch th	e installer		
Installation Progress				
Installation Complete				
	Stop Rerun Skip	View Successful <u>T</u> asks	View <u>L</u> og	
	Checking operating system certification			
	YChecking Java version used to launch the ins	taller		
Help		< Back Next > Fini	sh Cancel	

4) Once Pre-requisite checks are completed. Click Next.

Oracle Fus	Oracle Fusion Middleware 12c SOA Quick Start Installation - Step 4 of 6				
Installation Summary					
Welcome Installation Location Prerequisite Checks Installation Summary Installation Progress Installation Complete	 Install Oracle Fusion Middleware 12c SOA Quick Stat Installation Location Oracle Home Location: /home/oracle/fmw/product/123/Oracle_Home Log File Location: /tmp/Orainstall2014-12-16_09-28-24AM/install2014-12-16_09-28-24A Milog Disk Space Required: 3526 MB Available: 414728 MB Feature Sets to Install Server Examples 12.1.3.0.0 SOA Composite Examples 12.1.3.0.0 Administration Console 12.1.3.0.0 Administration Console 12.1.3.0.0 Core JDeveloper 12.1.3.0.0 Service Bus Designer 12.1.3.0.0 Third Party Jackson 12.1.3.0.0 WebLogic Evaluation Database 12.1.3.0.0 Third Party Jackson 12.1.3.0.0 Third Party Jackson 12.1.3.0.0 Service Bus Designer 12.1.3.0.0 Service Bus Designer 12.1.3.0.0 Third Party Jackson 12.1.3.0.0 Third Party Jackson 12.1.3.0.0 Third Party Jackson 12.1.3.0.0 Service Her Bobye options and start the installation.				
Help	To change the above options before starting the installation, select the option to change in the left pane or use the Back button.]			

5) Click Install.

Oracle Fusio	on Middlewa	e 12c SOA Quick Start II	nstallation - Step 5 of 6	_ × _
Installation Progress				
Welcome Installation Location			0%	
Prerequisite Checks	✓ Prepare			
Installation Progress	🕒 Сору			
U Installation Complete	Generat	ing Libraries		
	Perform	ing String Substitutions		
	Linking			
	Saving t	he inventory		
	Post ins	tall scripts		
	View <u>M</u> essages	✓ Vie	ew Successful Tasks	View <u>L</u> og
-	_			
	-	and the second	Hardware and So Engineered to Work 1	<mark>ftware</mark> Together
Help			< <u>B</u> ack <u>N</u> ext > <u>F</u> inis	h Cancel

Oracle F	Fusion Middleware 12c SOA Quick Start Installation - Step 5 of	δ _ ×
Installation Progress		
9 Welcome		
Installation Location	100%	
Prerequisite Checks		
Installation Summary		
Installation Progress	Copy	
Installation Complete	Generating Libraries	
	Performing String Substitutions	
	V Linking	
	Setup	
	Saving the inventory	
	Post install scripts	
	View Messages View Successful Tasks	View <u>L</u> og
		d Softwara
	Find Uware al	Nork Together
	Eligineereu to	WOIK logeliei
<u>H</u> elp	< <u>Back</u> Next >	Einish Cancel
Oracle F	Fusion Middleware 12c SOA Quick Start Installation - Step 6 of	• _ ×
Installation Complete	ORACL	
O Welesma	FUSION MIDDLE	WARE
	 Install Oracle Fusion Middleware 12c SOA Quick Start Installation Location 	<u></u>
	Oracle Home Location: /home/oracle/fmw/product/123/Oracle_Home	
	Log File Location: /tmp/OraInstall2014-12-16_09-28-24AM/install201 M.log	4-12-16_09-28-24A
Installation Progress	Feature Sets Installed Successfully	200
	Server Examples 12.1.3.0.0	
	Son Composite Examples 12.1.3.0.0 Service Bus Examples 12.1.3.0.0	
	Administration Console 12.1.3.0.0	
	Administration Console Additional Language Help Files 12.1.3.0.0 Core IDeveloper 12.1.3.0.0	
	SOA Foundation Designer 12.1.3.0.0	
	Service Bus Designer 12.1.3.0.0	
	Event Processing Designer 12.1.3.0.0 Enterprise Scheduler Designer 12.1.3.0.0	
	JDeveloper Spring Extension 12.1.3.0.0	
	Thirdparty JDBC Drivers 12.1.3.0.0	
	Third Party Maven Apache 3.0.5.0.0	
	Third Party Jackson 12.1.3.0.0	
	Third Party Jersey 1.18.0.0.0	-
	Next Steps:	
	Start IDeveloper	
	Oracle Fusion Middleware 12c SOA Quick Start installation completed successfully	

6) Once the Installation is completed. Click Finish.

Run RCU to create schema

1) Go to \$ORACLE_HOME/oracle_common/bin

elcome	
 Welcome Create Repository Database Connection Details Select Components Schema Passwords Map Tablespaces Summary Completion Summary 	Welcome to Repository Creation Utility 12.1.3.0.0 for Oracle Fusion Middleware. The Repository Creation Utility enables you to create and drop database schemas that are required for Oracle Fusion Middleware products.
Help	Skig this Page Next Time

2) Click Next

<u>ه</u>	Create Repository - Step 1 of 7		_ <u> </u>
Repository Creation Uti	lity		
Welcome Greate Repository	Create Repository Create and load component schemas into a database		
Database Connection Details	ercate and total component schemas into a database.		
Select Components	System Load and Product Load		
↓ Schema Passwords	i nave DBA privileges.		
↓ Map Tablespaces	Prepare Scripts for System Load		
↓ Summary	Create scripts for DBA to run later.		
Completion Summary	O Perform Product Load System Load scripts have been run by DBA.		
	C Drop Repository Remove component schemas from a database.		
Help		<u>Back N</u> ext > Eini	sh Cancel

3) Select Create Repository.

Sepository Creation Uti	Database Cor lity	nnection Details - Step 2 of 7 v ×
Welcome Create Repository	Database Type:	Oracle Database 🔹
Select Components Schema Passwords	Host Na <u>m</u> e:	For RAC database, specify VIP name or one of the Node name as Host name. For SCAN enabled RAC database, specify SCAN host as Host name.
Map Tablespaces Summary Completion Summary	<u>S</u> ervice Name:	soal2c.apps2fusion.net
Completion summary	<u>U</u> sername:	sys User with DBA or SYSDBA privileges. Example:sys
	<u>P</u> assword:	
	Kole:	One or more components may require SYSDBA role for the operation to succeed.
	Messages:	

4) Give Database Details and click Next.

Repository Creation Utility - Checkin	g Prerequisites	×
Checking Global Prerequisites		
Initializing repository configuration metadata	00:01.299(sec)	-
Obtain properties of the specified database	00:00.114(ms)	
Check requirement for specified database	00:01.413(sec)	
Operation completed. Click OK to continue to next page.		
	<u></u> K	

5) Select SOA Infrastructure Schema, MDS schema will get auto selected.

Metadata Services	00:00.101(ms)
Audit Services	00:00.108(ms)
Audit Services Append	00:00.101(ms)
Audit Services Viewer	00:00.101(ms)
Oracle Platform Security Services	00:00.101(ms)
User Messaging Service	00:00.101(ms)
WebLogic Services	00:00.101(ms)
SOA Infrastructure	00:00.105(ms)
Common Infrastructure Services	00:00.101(ms)
peration completed. Click OK to continue to next page.	

≝	Schema Pa	sswords - Step 4 of 8		_ = ×
Repository Creation Util	ity			
 Welcome Create Repository Database Connection Details Select Components Schema Pass words Custom Variables Map Tablespaces Summary Completion Summary 	 Define passwords for m Use same password <u>C</u>onfirm Password: Use <u>m</u>ain schema pa <u>S</u>pecify different pas 	ain and auxiliary schema users. s for all schemas Alpha numeric only.Cannot start with No special characters except: \$, #, _ asswords for auxiliary schemas asswords for all schemas	a number.	
Help	Messages:		Back Next > Eini	sh Cancel

6) Give common password for all the schema.

<u>\$</u>	Custom Varia	ables - Step 5 of 8		_ 0 ×
Repository Creation Util	lity	FUSIC		
Q Welcome	Enter value for the followir	ng custom variables.		
Create Repository	Component	Custom Variable	V	alue
 Database Connection Details 	SOA Infrastructure	Database Profile (SMALL/MED/LARGE)	SMALL	
O Select Components		Healthcare Integration(YES/NO)	NO	
Schema Passwords				
© Custom Variables				
Map Tablespaces				
Summary				
Completion Summary				
	<u>M</u> essages:			
Help	1	< <u>B</u> ack	<u>N</u> ext > <u>F</u> in	ish Cancel

7) Leave default and click Next.

\$	Map Tablesp	aces - Step 6 of	8	_ 🗆 ×
Repository Creation Util	ity			
 Welcome Create Repository Database Connection Details Select Components Schema Passwords <u>Custom Variables</u> Map Tablespaces <u>Summary</u> Completion Summary 	Component Metadata Services Audit Services Audit Services Append Audit Services Viewer Oracle Platform Secu User Messaging Service WebLogic Services SOA Infrastructure Common Infrastructu	Schema Owner DEV_MDS DEV_IAU_DEV_IAU_DEV_IAU_DEV_IAU_DEVEWD DEV_IAU_VPIEND DEV_IAU_VPIEND DEV_IAU_VPIEWER DEV_OPSS DEV_UMS DEV_SOAINFRA DEV_STB	FUSION MIDE ed components appear in the espaces, use the 'Manage Ta Default Tablespace *DEV_MDS *DEV_IAS_IAU *DEV_IAS_IAU *DEV_IAS_IAU *DEV_IAS_UAU *DEV_IAS_UMS *DEV_IAS_UMS *DEV_SOAINFRA *DEV_STB	DLEWARE atable below. blespaces Button' Manage Tablespaces *DEV_LAS_TEMP *DEV_LAS_TEMP
Help	* Default tablespaces (spec Messages:	ified in the configurati	on files) are to be created up < <u>B</u> ack <u>N</u> ext >	Son confirmation.

8) Click Next

🗟 Summary - Step 7 of 8 _ 🗆 ×				
Repository Creation Utili				
Welcome Create Repository Database Connection Details Select Components Schema Passwords Custom Variables Map Tablespaces Summary	Database details: Host Name: soa12c-live.apps2t Port: 1521 Service Name: SOA12C.APPS2FUSI Connected As: sys Operation: System and Data Lo Prefix for (prefixable) Schema Owned Component Metadata Services Services	fusion.net ION.NET Dad concurrently rs:DEV Schema Owner DEV_MDS	Tablespace Type Default	Tablespace Name DEV_MDS DEV_MDS
Completion Summary	Audit Services Audit Services Append	DEV_IAU DEV_IAU_APPEND	lemp Additional Default Temp Additional Default Temp	DEV_IAS_TEMP None DEV_IAS_TEMP None DEV_IAS_TAU DEV_IAS_TEMP
	Audit Services Viewer Oracle Platform Security Services	DEV_IAU_VIEWER	Additional Default Temp Additional Default Temp	None DEV_IAS_IAU DEV_IAS_TEMP None DEV_IAS_OPSS DEV_IAS_TEMP
	User Messaging Service WebLogic Services	DEV_UMS DEV_WLS	Additional Default Temp Additional Default	None DEV_IAS_UMS DEV_IAS_TEMP None DEV_WLS
Help			< <u>B</u> ack <u>N</u> ext >	<u>Create</u> Cancel

9) Click Create, it will create the tablespace in the Database.

Repository Creation Utility ORACLE	\checkmark)
Welcome Database details: Create Repository Database Connection Details Database Connection Details Service Name: Select Components Soll2C-APPS2FUSION.NET Connected As: System and Data Load concurrently RCU Logfile: Nome/oracle/fmw/product/123/Oracle_Home/oracle_common/rcu/log/logdir.2015-02-03 Map Tablespaces Summary Completion Summary Prefix for (prefixable) Schema Owners:DEV	3_15-46/; 3_15-46
ComponentStatusTimeLogfile(ClinMetadata ServicesSuccess00:11.974(sec)mds.Audit Services AppendSuccess00:13.788(sec)iau.Audit Services ViewerSuccess00:09.214(sec)iau_appeAudit Services ViewerSuccess00:09.147(sec)iau_appeOracle Platform Security ServicesSuccess00:12.598(sec)opss.User Messaging ServiceSuccess00:10.991(sec)wds.ISOA InfrastructureSuccess01:06.178(min)soainfrCommon Infrastructure ServicesSuccess00:09.294(sec)stb.I	k to view) log og ind.log ær.log log s.log og a.log og
Help < Back Next > Create	Close

10) Once created, click Close.

Create a domain

1) Go to \$ORACLE_HOME/oracle_common/common/bin

./config.sh



2) Select 'Create a new Domain' and give the domain location (default).

۲	Fus	ion Middleware Configuration Wizard - Page 2 of 12 _ ×
٢	emplates	
	Create Domain Create Domain Create Domain Application Location Administrator Account Domain Mode and JDK Database Configuration Type Component Datasources JDBC Test Advanced Configuration Configuration Progress End Of Configuration	
	Help	< <u>Back</u> <u>M</u> ext > <u>Finish</u> Cancel

3) Select the selection as shown. We are also including OSB (optional).

🛐 Fusi	ion Middleware C	Configuration Wizard - Page 3 of 12	_ ×
Application Location			
Create Domain Templates Application Location Administrator Account Domain Mode and JDK Database Configuration Type Component Datasources JDBC Test Advanced Configuration Configuration Progress End Of Configuration	Domain name: Domain location: Application location:	soa_domain me/oracle/fmw/product/123/Oracle_Home/user_projects/doma roduct/123/Oracle_Home/user_projects/applications/soa_doma	ins ain Br <u>o</u> wse
Help		<u>Back</u> <u>N</u> ext > <u>Einish</u>	Cancel

4) Leave default. Click Next.

💽 Fusi	ion Middleware	Configuration Wizard - Page 4 of 12 _ ×
Administrator Account		
A Create Domain		
Templates		
Application Location		
Administrator Account		
Domain Mode and JDK		
Database Configuration Type		
Component Datasources		
JDBC Test	Name	weblogic
Advanced Configuration	Password	•••••
Configuration Summary	Confirm Password	•••••
Configuration Progress		
End Of Configuration		
	Must be the same as	the password. Password must contain at least 8 alphanumeric characters with at least
	one number of spec	an errar accer.
Help		< <u>Back</u> <u>N</u> ext > <u>Einish</u> Cancel

5) Give Username/password for the Administrator. Kindly keep this password safe.

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Fus	ion Middleware Configuration Wizard - Page 5 of 12 _ ×
Domain Mode and JDK	
Sreate Domain Templates Application Location Administrator Account Domain Mode and JDK Database Configuration Type Component Datasources IDBC Test Advanced Configuration Configuration Summary Configuration Progress End Of Configuration	Domain Mode Development Utilize boot.properties for username and password, and poll for applications to deploy. Production Require the entry of a username and password, and do not poll for applications to deploy. JDK Oracle HotSpot 1.7.0_71 /home/oracle/jdk1.7.0_71 Other JDK Location:
Help	< <u>Back</u> <u>N</u> ext > Einish Cancel

Fus Database Configuration Ty	ion Middleware Configuration Wizard - Page 6 of 12 × pe CRACLE FUSION MIDDLEWARE
Create Domain	Specify AutoConfiguration Options Using:
Templates	RCU Data Manual Configuration
Application Location	
Administrator Account	Enter the database connection details using the Repository Creation Utility service table (STB) schema
Domain Mode and JDK	components in this domain.
Database Configuration Type	
Component Datasources	Vendor: Oracle
JDBC Test	DBMS/Service: >a12c.apps2fusion.net Host Name: soa12c-live.apps2fusion.net Port: 1521
Advanced Configuration	Schema Owner: DEV_STB Schema Password:
Configuration Summary	
Configuration Progress	Get RCU Configuration
End Of Configuration	
	Connection Result Log
	Click "Get RCU Configuration" button to test the connection and activate the "Next" button.
Help	< <u>Back</u> <u>Next</u> > <u>Einish</u> <u>Cancel</u>

6) Load the schema's by giving the Database details.

Fusion Middleware Configuration Wizard - Page 6 of 12 _ ×							
Database Configuration Ty							
A Create Domain	Specify AutoConfiguration Options Using:						
Templates	BCU Data O Manual Configuration						
Application Location	Co Reo Data Comiguration						
Administrator Account	Enter the database connection details using the Repository Creation Utility service table (STB) schema						
Union Mode and JDK	credentials. The wizard uses this connection to automatically configure the datasources required for components in this domain.						
Database Configuration Type							
Component Datasources	Vendor: Oracle						
JDBC Test	DBMS/Service: >a12c.apps2fusion.net Host Name: soa12c-live.apps2fusion.net Port: 1521						
Advanced Configuration	Schema Owner: DEV_STB Schema Password: •••••••						
Configuration Summary							
Configuration Progress	Get RCU Configuration						
End Of Configuration							
	Connection Result Log						
	Connecting to the database serverOK Retrieving schema data from database serverOK Binding local schema components with retrieved dataOK Successfully Done. Click "Next" button to continue.						
Help	< <u>Back</u> Next > Einish Cancel						

JDBC Component Schema	sion	Middleware Confi	iguration W	/izard - Page	7 of 12	RACLE	- ×
Create Domain Templates Application Location Administrator Account Domain Mode and JDK Database Configuration Type Component Datasources IDEC Tart	Ver DB Sch Ori	ndor: Oracle MS/Service: L2C.APPS2F nema Owner: Varies am acle RAC configuration f O Convert to Gr ts to the data above will i	EUSION.NET F ong.compo S or.component s idLink CC	Driver: *Oracle's I Host Name: soal? Schema Password: chemas: onvert to RAC mult d rows in the table	FUSION Driver (Thin 2c-live.app ••••••• i data sour below.	miDDLEWARE n) for Service co s2fusion.net •• ••	nnections; Versic
Advanced Configuration Configuration Summary Configuration Progress End Of Configuration	Y Y Y Y Y Y Y Y Y Y	Component Schema SOA EDN (XA) SOA EDN (Local) LocalSvcTbl Schema User Messaging Servic SOA (XA) SOA (Local) OWSM MDS Schema SOA MDS OPSS Audit Schema OPSS Audit Schema	DBMS/Service SOA12C.APPS SOA12C.APPS SOA12C.APPS SOA12C.APPS SOA12C.APPS SOA12C.APPS SOA12C.APPS SOA12C.APPS SOA12C.APPS	Host Name soal2c-live.app: soal2c-live.app: soal2c-live.app: soal2c-live.app: soal2c-live.app: soal2c-live.app: soal2c-live.app: soal2c-live.app:	Port 1521 1521 1521 1521 1521 1521 1521 152	Schema Owner DEV_SOAINFR DEV_SOAINFR DEV_STB DEV_UMS DEV_SOAINFR DEV_SOAINFR DEV_MDS DEV_MDS DEV_IAU_APPI DEV_IAU_VIEW	Schem a Password
Help				< <u>B</u> ac	k <u>N</u> e>	at > Einis	h Cancel

7) Give the correct details as shown, click Next.

	Fus	ion I	Middl	eware Configu	ration Wizard - Page 8 of 12 _ ×
ſ	DBC Component Schema T	est			
-	Create Domain		Status	Component Schema	JDBC Connection URL
	Templates		~	SOA EDN (XA)	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl ≏
	Application Location	~	~	SOA EDN (Local)	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl
I	A depinietenten Assount	~	~	LocalSvcTbl Schema	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl
Ť	Administrator Account	~	~	User Messaging Ser	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl
Ϋ́	Domain Mode and JDK		~	SOA (XA)	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl
- 	Database Configuration Type		~	SOA (Local)	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl
- -	Component Datasources		~	OWSM MDS Schema	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl 🗕
	IDBC Test		~	SOA MDS	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl
Ť			<i>~</i>	OPSS Audit Schema	jdbc:oracle:thin:@//soa12c-live.apps2fusion.net:1521/SOA12C.APPS2Fl 🖕
	Configuration Summary Configuration Progress End Of Configuration	Com Driv URL USer Pass SQL CFG CFG	Test Sel ponent er=ora =jdbc:o ~=DEV_ word=' Test=S FWK-64 FWK-64	ected Connections n Result Log Schema=SOA EDN (O clejdbc.xa.client.Oc racle:thin:@//soa12c SOAINFRA ELECT 1 FROM DUAL 213: TEST Successful 213: IDBC connection	Cancel Testing (A) (CA) (CA) (CA) (CA) (CA) (CA) (CA)
	Help				< <u>B</u> ack <u>N</u> ext > <u>Finish</u> Cancel

8) Once all Test are successful, Click Next.

🗐 Fus	ion Middleware Configuration Wiza	rd - Page 9 of 18	_ ×
Advanced Configuration			
Create Domain Templates Application Location Administrator Account Domain Mode and JDK Database Configuration Type Component Datasources JDBC Test Advanced Configuration Administration Server Node Manager Managed Servers Custers Coherence Clusters Machines Configuration Summary Configuration Progress End Of Configuration	 Administration Server Modify Settings Node Manager Configure Node Manager Managed Servers, Clusters and Coherence Add or Delete or Modify Settings Domain Frontend Host Capture Configure Domain Frontend Host Deployments and Services Target to Servers or Clusters JMS File Store Modify Settings 		
Help	1	< <u>Back</u> Next > Einish	Cancel

9) Select Administration Server, Node Manager, Managed Servers, Clusters and Coherence.

💽 Fusi	ion Middlewa	re Configuration Wizard - Page 10 of 18 _ ×
Administration Server		
Templates	:	
Application Location Administrator Account Domain Mode and JDK		
Database Configuration Type <u>Component Datasources</u>	Server Name Listen Address	AdminServer
Advanced Configuration	Listen Port Enable SSL	40501
<u>Node Manager</u> <u>Managed Servers</u>	SSL Listen Port	Unspecified 🗸
Clusters Coherence Clusters		
Machines Configuration Summary Configuration Summary		
End Of Configuration	Port number mus	it be between 1 and 65535, and different from SSL listen port and coherence port.
Help		< Back Next > Einish Cancel

10) Give the ServerName, Port and Listen Address as IP of machine where the server will be running.

Fus	ion Middleware Con	nguration Wizard - Page 11 of 18 _ ×
Node Manager		
Create Domain		
Templates		
Application Location		
Administrator Account		
Domain Mode and JDK	Node Manager Type	
Database Configuration Type	Per <u>D</u> omain Default I	Location
Component Datasources	○ Per Domain <u>C</u> ustom	Location
JDBC Test	Node Manager Home	acle_Home/user_projects/domains/soa_domain/nodemanager Browse
Advanced Configuration	O Manual Node Manag	er Setup
Administration Server	Node Manager Credenti	
🧼 Node Manager	Username:	weblogic
Managed Servers	Password:	••••••
Clusters	Confirm Password	
Coherence Clusters		
<u>Machines</u>		
Configuration Summary		
Configuration Progress	<u></u>	
End Of Configuration	Must be the same as the p one number or special ch	assword. Password must contain at least 8 alphanumeric characters with at least aracter.
Help		< <u>Back Next > Einish</u> Cancel

11) Select Per Domain and give Node manager username/password (we gave same as Admin User)

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💽 Fusi	ion Middleware Co	nfiguration Wizar	d - Page 1	2 of 18		_ ×
Managed Servers						
Templates	• 🛖 🗛 🕞 CI	one 🔀 <u>D</u> elete			🥏 Dis <u>c</u> a	ard Changes
Application Location	Server Name	Listen Address	Listen Port	Enable SSL	SSL Listen Port	Server Groups
	osb_server1	192.168.1.23 👻	40512		Disabled	OSB-MGD 💌
Domain Mode and JDK	soa_server1	192.168.1.23 👻	40511		Disabled	SOA-MGD 🕶
Database Configuration Type						
Component Datasources						
UDBC Test						
Advanced Configuration						
Administration Server						
Vode Manager						
Managed Servers						
Clusters						
Coherence Clusters						
- Machines						
Configuration Summary						
Configuration Progress						
End Of Configuration						
Help			< <u>B</u> ack	<u>N</u> ext >	<u> </u>	Cancel

12) Give server name, ports and Listen Address.

Fusi	on Middleware (Configuration W	izard - Page 1	.3 of 18	_ ×
Clusters					
Create Domain Templates	🕂 Add 🚿	<u>D</u> elete		9	Dis <u>c</u> ard Changes
Application Location	Cluster Name	Cluster Address	Frontend Host	Frontend HTTP Port	Frontend HTTPS
Administrator Account				,	
Domain Mode and JDK					
Database Configuration Type					
Component Datasources					
JDBC Test					
Advanced Configuration					
Administration Server					
Vode Manager					
Managed Servers					
Clusters					
Coherence Clusters					
<u>Machines</u>					
Configuration Summary					
Configuration Progress					
C End Of Configuration					
Help			< <u>B</u> ack	<u>N</u> ext > <u>Eini</u>	h Cancel

13) Click Next.

💽 Fusi	on Middleware Configuration Wizar	rd - Page 14 of 18	_ ×
Coherence Clusters			
Templates		Dis <u>c</u> ard Char	nges
Application Location	Cluster Name	Unicast Listen Port	
Administrator Account	defaultCoherenceCluster	0	
Domain Mode and JDK			
Database Configuration Type			
Component Datasources			
JDBC Test			
Advanced Configuration			
Administration Server			
Vode Manager			
Managed Servers			
Clusters			
Coherence Clusters			
- <u>Machines</u>			
Configuration Summary			
Configuration Progress			
C End Of Configuration			
Help		< <u>Back</u> <u>N</u> ext > <u>F</u> inish Ca	incel

14) Click Next.

🗃 Fus	ion Middleware Configura	tion Wizard - Page 15 of 19	_ × _
Machines			
Create Domain Templates Application Location	Machine Unix Machine		🔊 Dis <u>c</u> ard Changes
Administrator Account Domain Mode and JDK	Name app2fusion machine	Node Manager Listen Address	Node Manager Listen Port
Database Configuration Type Component Datasources		p	
Advanced Configuration			
Node Manager Managed Servers			
<u>Clusters</u> <u>Coherence Clusters</u>			
Machines Assign Servers to Machines Configuration Summary			
Configuration Progress End Of Configuration	-		
Help		< <u>B</u> ack Nex	t > Einish Cancel

15) Give machine name as your choice. Listen Address as the machine IP and port.

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🛐 Fus	ion Middleware Configuration Wizard	l - Pa	ge 16 d	of 19		_ ×
Assign Servers to Machine	s		FU			
Create Domain	Servers		Machin	es		
Templates			🗁 Machi	ine 202fusion m	achine	
Application Location				AdminServ	er	
Administrator Account				osb_serve	r1	
Domain Mode and JDK				soa_server	1	
Database Configuration Type						
Component Datasources		\gg				
JDBC Test						
Advanced Configuration						
Administration Server						
Vode Manager						
Managed Servers						
Clusters						
Coherence Clusters						
Machines						
Assign Servers to Machines						
Configuration Summary						
Configuration Progress	Select one or more servers in the left pane and on button $(>)$ to assign the server or servers to the m	e machi achine	ine in the	right pane. T	'hen use th	e right arrow
End Of Configuration						
Help	1	<	Back	Next >	Einish	Cancel
			_			

16) Move all the servers from Left Panel (under Servers) to Right panel (under Machines)

Create Domain View: Deployment Description Description Create a basic WebLogic Server Domain Description Create a basic WebLogic Server Domain Description Create a basic WebLogic Server Domain Description Create a basic WebLogic Server Domain Description Create a basic WebLogic Server Domain Description Create a basic WebLogic Server Domain Description Create a basic WebLogic Server Domain Domain Mode and JDK Database Configuration Type DMSShutdown Location /home/oracle/fmw/product/123/C Advanced Configuration Startup Class DMSShutdown Location /home/oracle/fmw/product/123/C Advanced Configuration Managed Servers DMSShutdown Location /home/oracle/fmw/product/123/C Name Oracle SOA BPEL Shared Library Description Oracle SOA Worklist Shared Library Description Oracle SOA Worklist Shared Library Description Oracle SOA Worklist Shared Library Description Oracle SOA Worklist Shared Library Description Oracle SOA Worklist Shared Library Description Oracle SOA Worklist Shared Library Description Oracle SOA Worklist Shared Library Description Oracle
Spack Next Create Carice

17) Click Create.

🛐 Fusi	on Middleware Configuration Wizard - Page 1	8 of 19	_ ×
Configuration Progress			
R Create Domain			
Templates	100%		
Application Location	Preparing		
4 Administrator Account	Extracting Domain Contents Creating Domain Security Information		
Oomain Mode and JDK	Starting OPSS Security Configuration Data Processing		
Database Configuration Type	Saving the Domain Information	•	
Component Datasources	Storing Domain Information String Substituting Domain Files		
JDBC Test	Performing OS Specific Tasks Performing Post Domain Creation Tasks		
Advanced Configuration	Starting OPSS Security Configuration Commit Task		
Administration Server	Domain Created Successfully!		
V Node Manager			
- Managed Servers			
Clusters			
Coherence Clusters			
4 Machines			
Assign Servers to Machines			
Configuration Summary			
Configuration Progress			
End Of Configuration			
Help	< <u>B</u> ack	<u>N</u> ext > <u>E</u> inisl	h Cancel

18) Click Next.

Configuration Success	
Create Domain	✓ Oracle Weblogic Server Configuration Succeeded
Application Location	New Domain soa_domain Creation Successful
↓ ♀ Administrator Account	Densis Lession
Oomain Mode and JDK	/home/oracle/fmw/product/123/Oracle_Home/user_projects/domains/soa_domai
Database Configuration Type	Admin Server URL
Component Datasources	http://192.168.1.23:40501/console
JDBC Test	
Advanced Configuration	
Administration Server	
) Node Manager	
Anaged Servers	
Q Clusters	
Coherence Clusters	
) Machines	
Assign Servers to Machines	
Configuration Summary	
Configuration Progress	
Configuration Success	
•	

19) Note down the URL's to access the Admin Console. Click Finish.

Now start the AdminServer and nodemanager:

To start your per-domain Node Manager, go to **DOMAIN_HOME/bin** directory.

nohup ./startNodeManager.sh &

Start AdminServer from same location:

./startWebLogic.sh

Once the server comes to 'RUNNIG' Status. Navigate to the URL in browser.

Oracle WebLogic Server Adr: ×		A Yau - 6
← → C C soa12c-live.apps2fusion.net:40501/console/login/LoginForm.jsp		<u>ද</u>
ORACLE' WebLogic Server Administration Console 12c		
120	Welco Log in to work with the WebLogk Username: Password:	ome : Server domain Login
WebLogic Server Version: 12:1.3.0.0 Copyright (c) 1995,2014, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.		

20) Give Admin Usemame and password to login.

← → C 🗋 soa12c-live.apps2fu	usion.ne	et:4050	1/console	/console.porta	?_nfpb=	true&_pageLabel =	CoreServer:	ServerTa	blePage&har	nd 🛣
	dministrat	tion Cons	ole 12c							Q
Change Center	🙆 Ho	ome Log O	ut Preference	s 🔤 Record Help		٩	Welcome, v	weblogic C	Connected to: soa	_domain
View changes and restarts	Home	e >Summar	y of Servers							
Click the Lock & Edit button to modify, add or	Summ	ary of Se	rvers							
Lock & Edit	Confi	guration	Control							
Release Configuration	A se	erver is an i	instance of We	bLogic Server that ru	ns in its own :	Java Virtual Machine (JVM)	and has its own o	onfiguration		
soa domain	THIS	page sum	narizes each se	erver that has been t	onngarea in c	ne currenc weblogic serve	r uomain.			
-Environment	<u>C</u> 2									
Services Security Realms	D Cu	stomize t	his table							
	Ser	vers (Filt	ered - More	Columns Exist)						
	Clic	k the <i>Lock</i>	& Edit buttor	in the Change Cente	r to activate	all the buttons on this page				
	Ne	New Clone Delete Showing 1 to 3 of 3 Previous Next								
		Name «	~	Туре	Cluster	Machine	State	Health	Listen Port	
		AdminSe	rver(admin)	Configured		app2fusion_machine	RUNNING	🖋 ОК	40501	
How do I		osb_serv	ver1	Configured		app2fusion_machine	RUNNING	🖋 ок	40512	
Create Managed Servers		soa_serv	ver1	Configured		app2fusion_machine	RUNNING	🖋 ОК	40511	
Clone servers	Ne	Clon	Delete				Sh	nowing 1 to 3	3 of 3 Previous I	Next
Delete Managed Servers										
Delete the Administration Server Start and stop servers										
System Status 🖂										
Health of Running Servers										
Failed (0) Critical (0)		÷								

21) Start soa_server1 and osb_server1 from the console.