

OEL 7 – Oracle E-Business Suite 12.2.12 – Vision

Version:	1.0.0
Created by:	cloudimg

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1.) Overview

This document is provided as a user guide for the OEL 7 – Oracle E-Business Suite 12.2.12 – Vision product offering on the AWS Marketplace. Please reach out to support@cloudimg.co.uk if any issues are encountered following this user guide for the chosen product offering.



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2.) Access & Security

Please update the security group of the target instance to allow the below ports and protocols for access and connectivity.

Protocol	Type	Port	Description
SSH	TCP	22	SSH connectivity
TCP	TCP	1521	Oracle Database Listener Port
HTTP	TCP	8000	EBS Administration Console – Port Pool 1
HTTP	TCP	8001	EBS Administration Console – Port Pool 2
HTTP	TCP	7001	WebLogic Console – Port Pool 1
HTTP	TCP	7002	WebLogic Console – Port Pool 2

3.) System Requirements

The minimum system requirements for the chosen product offering can be found below.

Minimum CPU	Minimum RAM	Required Disk Space
2	16GB	500GB

4.) Connecting to the Instance

Once launched in the Amazon EC2 Service, please connect to the instance via an SSH client using the **ec2-user** with the key pair associated at launch. Once connected as the **ec2-user** user, you will be able to sudo to the **root** user by issuing the below command.

Switch to the root user.

```
sudo su -
```

NOTE: Please allow the EC2 Instance to reach 2/2 successful status checks to ensure you will be able to connect successfully with the ec2-key pair assigned at launch. Upon attempting to SSH to early you may receive errors such as below, this is expected with an early SSH connection. Allow the EC2 instance to reach 2/2 status checks and you will be able successfully connect with the ec2-key pair assigned at launch as the ec2-user.

Name	Instance ID	Instance state	Instance type	Status check
cloudimg-example-instance	i-039990b0d91026962	Running	t3a.xlarge	2/2 checks passed



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Example errors you may receive with an early SSH connection.

```
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).  
ec2-user@your-instance-ip's password:
```

5.) On Startup

An OS package update script has been configured to run on boot to ensure the image is fully up to date at first use. You can disable this feature by removing the script from `/stage/scripts/` and deleting the entry in `crontab` for the root user.

Disable the OS update script from running on reboot

```
rm -f /stage/scripts/initial_boot_update.sh  
  
crontab -e  
  
#DELETE THE BELOW LINE. SAVE AND EXIT THE FILE.  
@reboot /stage/scripts/initial_boot_update.sh
```

6.) Filesystem Configuration

Please see below for a screenshot of the server disk configuration and specific mount point mappings for software locations.

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	7.8G	0	7.8G	0%	/dev
tmpfs	7.8G	0	7.8G	0%	/dev/shm
tmpfs	7.8G	8.5M	7.8G	1%	/run
tmpfs	7.8G	0	7.8G	0%	/sys/fs/cgroup
/dev/nvme0n1p2	38G	4.7G	31G	14%	/
/dev/nvme0n1p1	2.0G	213M	1.6G	12%	/boot
/dev/nvme1n1	393G	304G	70G	82%	/u01
tmpfs	1.6G	0	1.6G	0%	/run/user/1002

Mount Point	Description
/boot	Operating System Kernel files
/u01	Oracle software installation directory



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7.) Server Components

Please see below for a list of installed server components and their respective installation paths. The below versions are subject to change on initial boot based on the initial_boot_update.sh script finding new versions of the software in the systems package repositories.

Component	Version	Software Home
AWS CLI	2.7.7	/usr/local/aws-cli
AWS CloudWatch Agent	1.247352.0b251908	/opt/aws/amazon-cloudwatch-agent
AWS Systems Manager Agent	3.0.1390.0	/usr/bin/amazon-ssm-agent
Cloud-Init	19.4	/etc/cloud
Oracle E-Business Suite	12.2.12	/u01

A detailed breakdown of all-encompassing preinstalled Oracle E-Business Suite 12.2.12 components can be found below.

Technology Component	Version (and associated MOS Doc ID if applicable)
RDBMS Oracle Home	Oracle Database 19c (19.18 RU)
Application Code Level	<ul style="list-style-type: none">• Oracle E-Business Suite Release 12.2.12 Readme (MOS Note 2876726.1)• Applying the Latest AD and TXK Release Update Packs to Oracle E-Business Suite Release 12.2 (MOS Note 161746.1)• Applying the Oracle E-Business Suite Consolidated Patch for EBS System Schema Migration (MOS Note 2774309.1)• Oracle E-Business Suite Release 12.2 System Schema Migration (MOS Note 2755875.1)• Oracle E-Business Suite Release 12.2: Consolidated List of Oracle Fusion Middleware Patches and Bug Fixes (MOS Note 2877607.1)• Oracle E-Business Suite Release 12.2: Consolidated List of Oracle Database Patches and Bug Fixes (MOS Note 1594274.1)• Oracle E-Business Suite Person Data Removal Tool (PDRT) patches (MOS Note 2388237.1)
Oracle Forms and Reports	10.1.2.3
Oracle WebLogic Server	10.3.6.0.230117
Web Tier	11.1.1.9
JDK	1.7.0_371
JRE (1)	Oracle Java Runtime Environment (JRE) 8 Update 361
Critical Patch Update (CPU)	<ul style="list-style-type: none">• Oracle E-Business Suite Release 12 Critical Patch Update (April 2023) (MOS Note 2933342.1)• January 2023 (MOS Note 2916871.1) for Oracle Database Release 19c, Oracle Fusion Middleware, Java, JRE, etc. <p>Note: You should update to the latest CPUs for EBS and the technology stack components on a quarterly basis. See the following for the latest EBS CPU documentation:</p> <ul style="list-style-type: none">• Identifying the Latest Critical Patch Update for Oracle E-Business Suite Release 12 (MOS Note 248400.1)



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8.) Scripts and Log Files

The below table provides a breakdown of any scripts & log files created to enhance the useability of the chosen offering.

Script/Log	Path	Description
Initial_boot_update.sh	/stage/scripts	Update the Operating System with the latest updates available.
Initial_boot_update.log	/stage/scripts	Provides output for initial_boot_update.sh
oracle-credentials	/stage/scripts	Randomly generated credentials for the Oracle EBS 12.2.12 Vision installation.

9.) Using System Components

Instructions can be found below for using each component of the server build mentioned in section 7 of this user guide document.

AWS CLI

Using AWS CLI – as any OS user.

```
aws --help
```

AWS CloudWatch Agent

On first use run the below command as the **root** user to configure the AWS CloudWatch Agent for your needs.

```
/opt/aws/amazon-cloudwatch-agent/bin/amazon-cloudwatch-agent-config-wizard
```

Once configured, you will be able to start the AWS CloudWatch Agent via the below command as the **root** user

```
/opt/aws/amazon-cloudwatch-agent/bin/amazon-cloudwatch-agent-ctl -a fetch-config -m ec2 -s -c file:/opt/aws/amazon-cloudwatch-agent/bin/config.json
```



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Check status of the AWS CloudWatch Agent

```
/opt/aws/amazon-cloudwatch-agent/bin/amazon-cloudwatch-agent-ctl -m ec2 -a status
```

EXAMPLE EXPECTED OUTPUT (This may differ based on your configured setup)

```
{
  "status": "running",
  "starttime": "2022-06-05T12:10:13+0000",
  "configstatus": "configured",
  "cwoc_status": "stopped",
  "cwoc_starttime": "",
  "cwoc_configstatus": "not configured",
  "version": "1.247350.0b251814"
}
```

AWS Systems Manager

Check the status of the AWS Systems Manager Agent as the **root** user.

```
systemctl status amazon-ssm-agent
```

Cloud-Init

Edit the `/etc/cloud/cloud.cfg` file to reflect your desired configuration. A link to the cloud-init official documentation can be found below for referencing best practise for your use case.

<https://cloudinit.readthedocs.io/en/latest/topics/datasources/ec2.html>

```
vi /etc/cloud/cloud.cfg
```



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Oracle E-Business Suite 12.2.12 – Vision

Once logged into the EC2 Instance as the **root** user. It is required to set the Private IP address of the instance in the `/etc/hosts` file. A script can be found under `/u01/install/scripts` to automatically configure the `/etc/hosts` file as required. The below steps will only need to be completed once.

Run – Issue the below commands to automatically configure `/etc/hosts` as the **root** user as well as set the hostname of the server.

```
cd /u01/install/scripts

. ./updatehosts.sh

hostnamectl set-hostname apps.example.com
```

EXPECTED OUTPUT – The value below in **GREEN** will match the expected output but the value in **RED** will differ based on the Private IP of your EC2 Instance. Enter **y** for the required input when prompted.

```
Updating hosts file with the current IP
Fully Qualified Hostname for this server is : apps.example.com
IP Address Configured for this server is      : 172.31.91.142
cp: overwrite '/etc/hosts.org'? y
```

The `/etc/hosts` file has now been successfully updated. The Database services can now be started via the below commands.

Starting the Services

A system service has been configured to both start and stop the Oracle Database element of the Oracle E-Business suite installation.

Run – As the **root** user, issue the below commands to start Oracle Database & Listener.
Average run time for a t3.xlarge instance is around 10mins.

```
service ebscdb start
```



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EXPECTED OUTPUT

```
[root@apps scripts]# service ebscdb start

You are running adcdbctl.sh version 120.0.12020000.1

Starting the container database EBSCDB ...

SQL*Plus: Release 19.0.0.0.0 - Production on Tue Feb 13 18:05:04 2024
Version 19.18.0.0.0

Copyright (c) 1982, 2022, Oracle. All rights reserved.

Connected to an idle instance.
ORA-32004: obsolete or deprecated parameter(s) specified for RDBMS instance
ORACLE instance started.

Total System Global Area 2147482520 bytes
Fixed Size 9165720 bytes
Variable Size 1342177280 bytes
Database Buffers 771751936 bytes
Redo Buffers 24387584 bytes
Database mounted.

Database opened.
Disconnected from Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production
Version 19.18.0.0.0

adcdbctl.sh: exiting with status 0

Logfile: /u01/install/APPS/19.0.0/apputil/log/EBSCDB_apps/adcdblnctl.txt

You are running adcdblnctl.sh version 120.0.12020000.4

Starting listener process EBSCDB ...

LSNRCTL for Linux: Version 19.0.0.0.0 - Production on 13-FEB-2024 18:07:59

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Starting /u01/install/APPS/19.0.0/bin/tnslsnr: please wait...

TNSLSNR for Linux: Version 19.0.0.0.0 - Production
```



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```

System parameter file is /u01/install/APPS/19.0.0/network/admin/listener.ora
Log messages written to /u01/install/APPS/19.0.0/log/diag/tnslsnr/apps/ebscdb/alert/log.xml
Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp) (HOST=apps.example.com) (PORT=1521)))

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP) (HOST=apps.example.com) (PORT=1521)))
STATUS of the LISTENER
-----
Alias                     EBSCDB
Version                   TNSLSNR for Linux: Version 19.0.0.0.0 - Production
Start Date                13-FEB-2024 18:08:00
Uptime                    0 days 0 hr. 0 min. 0 sec
Trace Level               off
Security                  ON: Local OS Authentication
SNMP                      OFF
Listener Parameter File   /u01/install/APPS/19.0.0/network/admin/listener.ora
Listener Log File         /u01/install/APPS/19.0.0/log/diag/tnslsnr/apps/ebscdb/alert/log.xml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp) (HOST=apps.example.com) (PORT=1521)))
The listener supports no services
The command completed successfully
Waiting for service EBSDB to be available...
Waiting for service EBSDB to be available...

Listener service EBSDB started.
adcdblnctl.sh: exiting with status 0

adcdblnctl.sh: check the logfile
/u01/install/APPS/19.0.0/appsutil/log/EBSDB_apps/adcdblnctl.txt for more information ...

```

The Oracle Database and Listener has now been successfully started. Before starting the Oracle Apps services, it is required to update the context file with the Web Entry URL to be used for the EBS Administration Console. A script has been created to automate this process. Please follow the below steps.

Run – Issue the below commands to configure the EBS Web Entry URL as the **oracle** user.

```

sudo su - oracle

cd /u01/install/scripts/

./configwebentry.sh

```





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The below Inputs assume the use of a Public AWS DNS Name often associated with a Public EC2 Instance with a naming convention such as below.

Example

Public IPv4 DNS

 ec2-44-211-67-241.compute-1.amazonaws.com | [open address](#) 

Please edit the below inputs based on your requirements for the EBS Administration Console Login URL.

EXPECTED OUTPUT – Edit values in RED to suit your needs. Values in GREEN should be entered as shown below. Average run time for a t3.xlarge instance is around 10mins.

```
[oracle@apps scripts]$ ./configwebentry.sh

=====NOTE=====

Web Entry Point refers to the host name which is designated to be used by all users to access
the Oracle E-Business Suite Release 12.2 system. By default, the web entry point is set to
the hostname of the application server where Oracle E-Business Suite is installed. This script
can be used to configure a Web Entry Point for the E-Business Suite Application. The Web Entry
Point can be the Public Hostname for the virtual machine apps.example.com or any other device
such as a Hardware/Software Load Balancer or a reverse proxy server that can route the
requests to the virtual machine apps.example.com

Enter the values for the following parameters to configure the Web Entry Point

Enter the Web Entry Protocol (Eg: https/http): http

Enter the Web Entry Host Name(Eg: public):ec2-44-211-67-241.compute-1

Enter the Web Entry Domain Name:(Eg: domain.com):amazonaws.com

Enter the Web Entry Port:(Eg: 443/80):8000

Enter the ORACLE_SID:(Eg: ebsdb):EBSDB (Ensure this is entered in uppercase)

Enter the Run FS Context File
[/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml]: PRESS ENTER

Given context file is Run. No Swap required

Run File System Context File:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml

The Web Entry Point Parameters in the context file will be updated with
```



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```
webentryprotocol=http
webentryhostname=ec2-44-211-67-241.compute-1
webentrydomain=amazonaws.com
webentryport=8000

Updating variable s_webentryurlprotocol in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http

Updating variable s_webentryhost in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: ec2-44-211-67-241.compute-1

Updating variable s_webentrydomain in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value:
amazonaws.com

Updating variable s_active_webport in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: 8000

Updating variable s_login_page in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-44-211-67-241.compute-1.amazonaws.com:8000/OA_HTML/AppsLogin

Updating variable s_external_url in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-44-211-67-241.compute-1.amazonaws.com:8000/OA_HTML/AppsLogin

Updating variable s_chronosURL in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-44-211-67-241.compute-1.amazonaws.com:8000/oracle_smp_chronos/oracle_smp_chronos_sdk.gif

Updating variable s_endUserMonitoringURL in context file
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-44-211-67-241.compute-1.amazonaws.com:8000/oracle_smp_chronos/oracle_smp_chronos_sdk.gif

Updating Context file /u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml
Updating variable s_webentryurlprotocol in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http

Updating variable s_webentryhost in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: ec2-44-211-67-241.compute-1

Updating variable s_webentrydomain in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value:
amazonaws.com

Updating variable s_active_webport in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: 8000
```



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```
Updating variable s_login_page in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-
44-211-67-241.compute-1.amazonaws.com:8000/OA_HTML/AppsLogin

Updating variable s_external_url in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-
44-211-67-241.compute-1.amazonaws.com:8000/OA_HTML/AppsLogin

Updating variable s_chronosURL in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-
44-211-67-241.compute-1.amazonaws.com:8000/oracle_smp_chronos/oracle_smp_chronos_sdk.gif

Updating variable s_endUserMonitoringURL in context file
/u01/install/APPS/fs2/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml with value: http://ec2-
44-211-67-241.compute-1.amazonaws.com:8000/oracle_smp_chronos/oracle_smp_chronos_sdk.gif

Running AutoConfig to complete the configuration
Enter the APPS user password: apps

The log file for this session is located at:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/log/02131815/adconfig.log

wlsDomainName: EBS_domain
WLS Domain Name is VALID.
AutoConfig is configuring the Applications environment...

AutoConfig will consider the custom templates if present.
    Using CONFIG_HOME location      : /u01/install/APPS/fs1/inst/apps/EBSDB_apps
    Classpath                       : /u01/install/APPS/fs1/FMW_Home/Oracle_EBS-appl/shared-
libs/ebs-appsborg/WEB-
INF/lib/ebsAppsborgManifest.jar:/u01/install/APPS/fs1/EBSapps/comn/java/classes

    Using Context file              :
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/appl/admin/EBSDB_apps.xml

Context Value Management will now update the Context file

    Updating Context file...COMPLETED

    Attempting upload of Context file and templates to database...COMPLETED

Configuring templates from all of the product tops...
    Configuring AD_TOP.....

COMPLETED
    Configuring FND_TOP.....COMPLETED
    Configuring ICX_TOP.....COMPLETED
```



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```
Configuring MSC_TOP.....COMPLETED
Configuring IEO_TOP.....COMPLETED
Configuring BIS_TOP.....COMPLETED
Configuring CZ_TOP.....COMPLETED
Configuring SHT_TOP.....COMPLETED
Configuring AMS_TOP.....COMPLETED
Configuring CCT_TOP.....COMPLETED
Configuring WSH_TOP.....COMPLETED
Configuring CLN_TOP.....COMPLETED
Configuring OKE_TOP.....COMPLETED
Configuring OKL_TOP.....COMPLETED
Configuring OKS_TOP.....COMPLETED
Configuring CSF_TOP.....COMPLETED
Configuring IBY_TOP.....COMPLETED
Configuring JTF_TOP.....COMPLETED
Configuring MWA_TOP.....COMPLETED
Configuring CN_TOP.....COMPLETED
Configuring CSI_TOP.....COMPLETED
Configuring WIP_TOP.....COMPLETED
Configuring CSE_TOP.....COMPLETED
Configuring EAM_TOP.....COMPLETED
Configuring GMF_TOP.....COMPLETED
Configuring PON_TOP.....COMPLETED
Configuring FTE_TOP.....COMPLETED
Configuring ONT_TOP.....COMPLETED
Configuring AR_TOP.....COMPLETED
Configuring AHL_TOP.....COMPLETED
Configuring IES_TOP.....COMPLETED
Configuring OZF_TOP.....COMPLETED
Configuring CSD_TOP.....COMPLETED
Configuring IGC_TOP.....COMPLETED
```

AutoConfig completed successfully.

AutoConfig has now successfully configured the CONTEXT_FILE as required, and the Oracle Apps services can now be started.

Run – As the **root** user, execute the below commands to start the Oracle Apps services.
Average start time for a t3.xlarge instance is around **20mins** for the first start.

```
#Switch back to the root user from the oracle user.
exit
```



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```
service apps start
```

EXPECTED OUTPUT – Please ensure the values in **GREEN** match.

```
Starting the Oracle E-Business Suite Application Tier Services
You are running adstrtal.sh version 120.24.12020000.11

The logfile for this session is located at
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adstrtal.log

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/jtffmctl.sh start
Timeout specified in context file: 100 second(s)

script returned:
*****

You are running jtffmctl.sh version 120.3.12020000.4

Validating Fulfillment patch level via /u01/install/APPS/fs1/EBSapps/comn/java/classes
Fulfillment patch level validated.
Starting Fulfillment Server for EBSDB on port 9300 ...

jtffmctl.sh: exiting with status 0

.end std out.

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adopmnctl.sh start
Timeout specified in context file: 100 second(s)

script returned:
*****
```



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You are running adopmnctl.sh version 120.0.12020000.2

Starting Oracle Process Manager (OPMN) ...

adopmnctl.sh: exiting with status 0

adopmnctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDb_apps/logs/appl/admin/log/adopmnctl.txt for more
information ...

.end std out.

.end err out.

Executing service control script:

/u01/install/APPS/fs1/inst/apps/EBSDb_apps/admin/scripts/adapcctl.sh start

Timeout specified in context file: 100 second(s)

script returned:

You are running adapcctl.sh version 120.0.12020000.6

Starting OPMN managed Oracle HTTP Server (OHS) instance ...

adapcctl.sh: exiting with status 0

adapcctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDb_apps/logs/appl/admin/log/adapcctl.txt for more
information ...

.end std out.

.end err out.



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```
Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adnodemgrctl.sh start -nopromptmsg
Timeout specified in context file: -1 second(s)

script returned:
*****

You are running adnodemgrctl.sh version 120.11.12020000.12

Calling txkChkEBSDependencies.pl to perform dependency checks for ALL MANAGED SERVERS
Perl script txkChkEBSDependencies.pl got executed successfully

Starting the Node Manager...
Refer /u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adnodemgrctl.txt for
details

NodeManager log is located at
/u01/install/APPS/fs1/FMW_Home/wlserver_10.3/common/nodemanager/nmHome1

adnodemgrctl.sh: exiting with status 0

adnodemgrctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adnodemgrctl.txt for more
information ...

.end std out.

*** ALL THE FOLLOWING FILES ARE REQUIRED FOR RESOLVING RUNTIME ERRORS

*** Log File =
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/rgf/TXK/txkChkEBSDependencies_Tue_Feb_13_1
8_24_20_2024/txkChkEBSDependencies_Tue_Feb_13_18_24_20_2024.log

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adalnctl.sh start
Timeout specified in context file: 100 second(s)

script returned:
```



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adalnctl.sh version 120.3.12020000.4

Checking for FNDFS executable.

Starting listener process APPS_EBSDB.

adalnctl.sh: exiting with status 0

adalnctl.sh: check the logfile

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adalnctl.txt for more information ...

.end std out.

.end err out.

Executing service control script:

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adcmctl.sh start

Timeout specified in context file: 1000 second(s)

script returned:

You are running adcmctl.sh version 120.19.12020000.7

Starting concurrent manager for EBSDB ...

Starting EBSDB_0213@EBSDB Internal Concurrent Manager

Default printer is noprint

adcmctl.sh: exiting with status 0

adcmctl.sh: check the logfile

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adcmctl.txt for more information ...

.end std out.



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.end err out.

Executing service control script:

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adadminsrvctl.sh start -nopromptmsg

Timeout specified in context file: -1 second(s)

script returned:

You are running adadminsrvctl.sh version 120.10.12020000.11

Starting WLS Admin Server...

Refer /u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adadminsrvctl.txt for details

AdminServer logs are located at

/u01/install/APPS/fs1/FMW_Home/user_projects/domains/EBS_domain/servers/AdminServer/logs

adadminsrvctl.sh: exiting with status 0

adadminsrvctl.sh: check the logfile

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adadminsrvctl.txt for more information ...

.end std out.

.end err out.

Executing service control script:



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```
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/admanagedsrvctl.sh start
forms_server1 -nopromptmsg

Timeout specified in context file: -1 second(s)

script returned:
*****

You are running admanagedsrvctl.sh version 120.14.12020000.12

Starting forms_server1...

Server specific logs are located at
/u01/install/APPS/fs1/FMW_Home/user_projects/domains/EBS_domain/servers/forms_server1/logs

admanagedsrvctl.sh: exiting with status 0

admanagedsrvctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adformsctl.txt for more
information ...

.end std out.

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/admanagedsrvctl.sh start oafm_server1
-nopromptmsg

Timeout specified in context file: -1 second(s)

script returned:
*****

You are running admanagedsrvctl.sh version 120.14.12020000.12

Starting oafm_server1...

Server specific logs are located at
/u01/install/APPS/fs1/FMW_Home/user_projects/domains/EBS_domain/servers/oafm_server1/logs

admanagedsrvctl.sh: exiting with status 0
```



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```
admanagedsrvctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adoafmctl.txt for more
information ...

.end std out.

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/admanagedsrvctl.sh start
oacore_server1 -nopromptmsg
Timeout specified in context file: -1 second(s)

script returned:
*****

You are running admanagedsrvctl.sh version 120.14.12020000.12

Starting oacore_server1...

Server specific logs are located at
/u01/install/APPS/fs1/FMW_Home/user_projects/domains/EBS_domain/servers/oacore_server1/logs

admanagedsrvctl.sh: exiting with status 0

admanagedsrvctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adoacorectl.txt for more
information ...

.end std out.

.end err out.

*****

All enabled services for this node are started.

adstrtal.sh: Exiting with status 0
```



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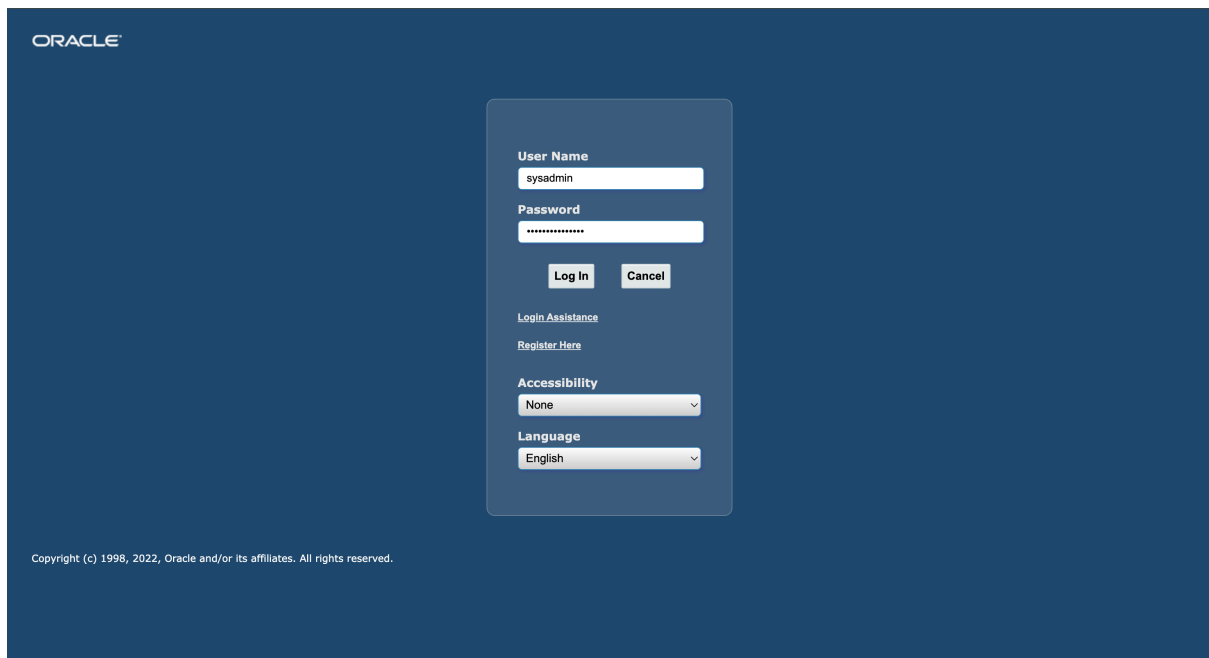
```
adstrtal.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDb_apps/logs/appl/admin/log/adstrtal.log for more
information ...
```

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The Oracle Apps have now been successfully started. Dependant on the Web Entry URL configured in the previous step, you will now be able to access the EBS Administration Console via your chosen URL. Example shown below. Please replace the value in **RED** to match the Web Entry URL you entered previously.

Example URL

[http:// ec2-44-211-67-241.compute-1.amazonaws.com:8000](http://ec2-44-211-67-241.compute-1.amazonaws.com:8000)



ORACLE

User Name
sysadmin

Password

Log In Cancel

Login Assistance
[Register Here](#)

Accessibility
None

Language
English

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Once the login page has loaded (it may take a few moments on first boot). Please enter the User Name: sysadmin followed by the randomly generated password value found in the /stage/scripts/oracle-credentials file.



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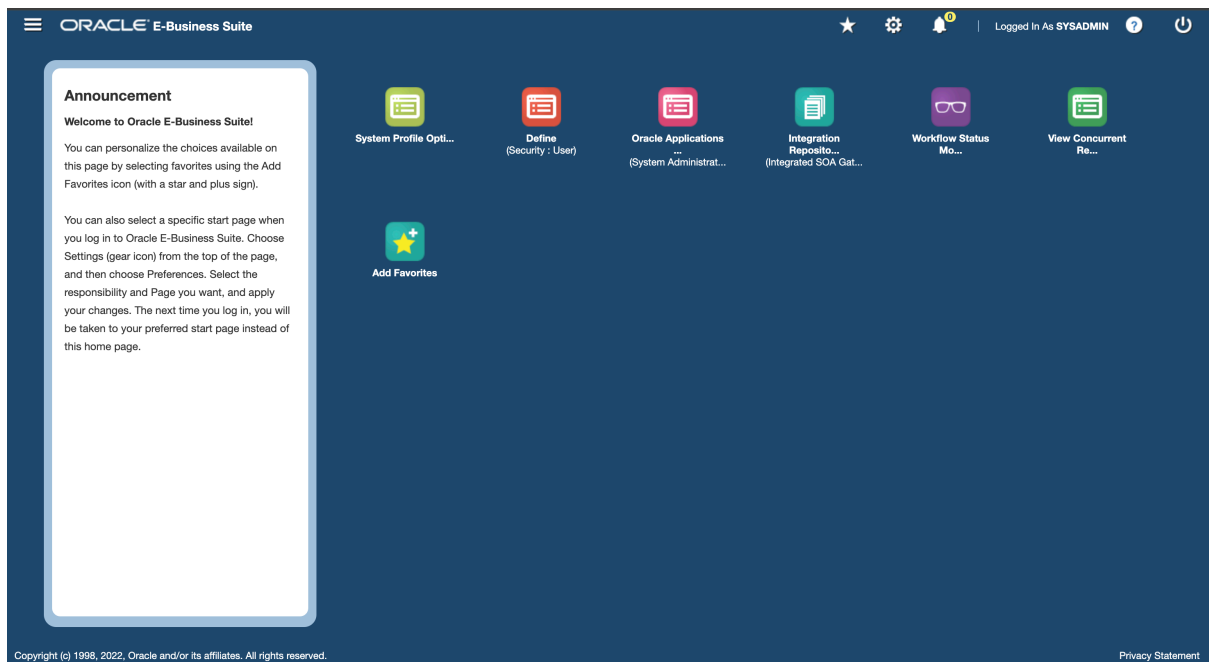
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Waiting for ec2-44-211-67-241.compute-1.amazonaws.com...

A login wheel like the above may appear for some time before the being forwarded onto the next screen on first access. Please allow 2-3mins for this loading screen to change.

Once forwarded, The Oracle E-Business Suite 12.2.12 Vision Landing page matching that of below will have loaded. The system is now available for use as per your requirements.



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Launching Oracle Forms

It is advised to Install Firefox ESR and JRE 8 Update 321 via the below links to successfully launch Oracle Forms. Please download the required versions for your operating system.

Firefox ESR

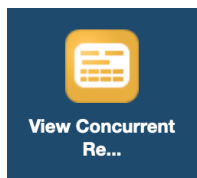
<https://ftp.mozilla.org/pub/firefox/releases/78.15.0esr/>

JRE 8 Update 321 or later

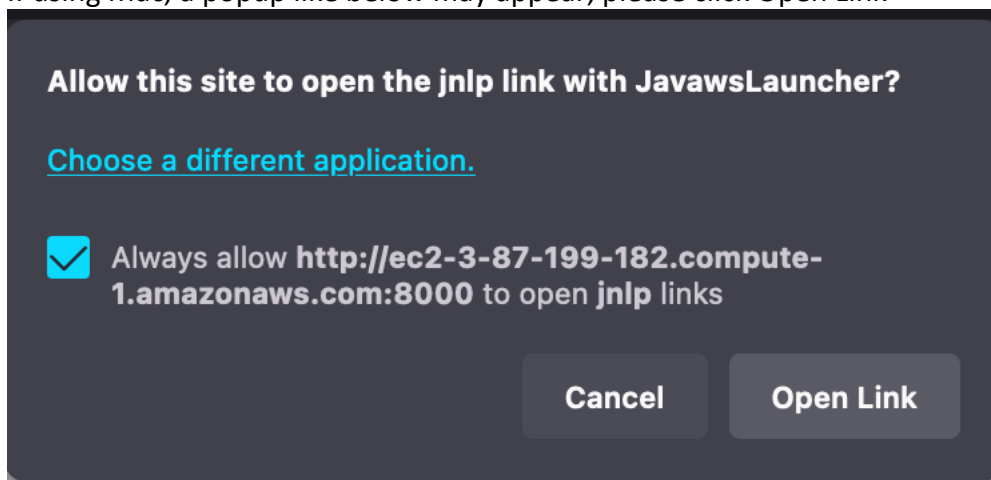
<https://www.oracle.com/uk/java/technologies/javase/javase8u211-later-archive-downloads.html>

Once installed you will be able to successfully launch Oracle Forms, example shown below.

Click 'View Concurrent Requests' from a Firefox ESR session.



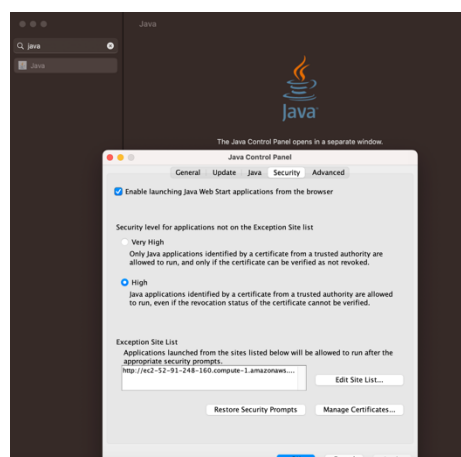
If using Mac, a popup like below may appear, please click Open Link



For Mac users, you may need to add the Oracle EBS URL to the security settings of the Java application in Mac settings.



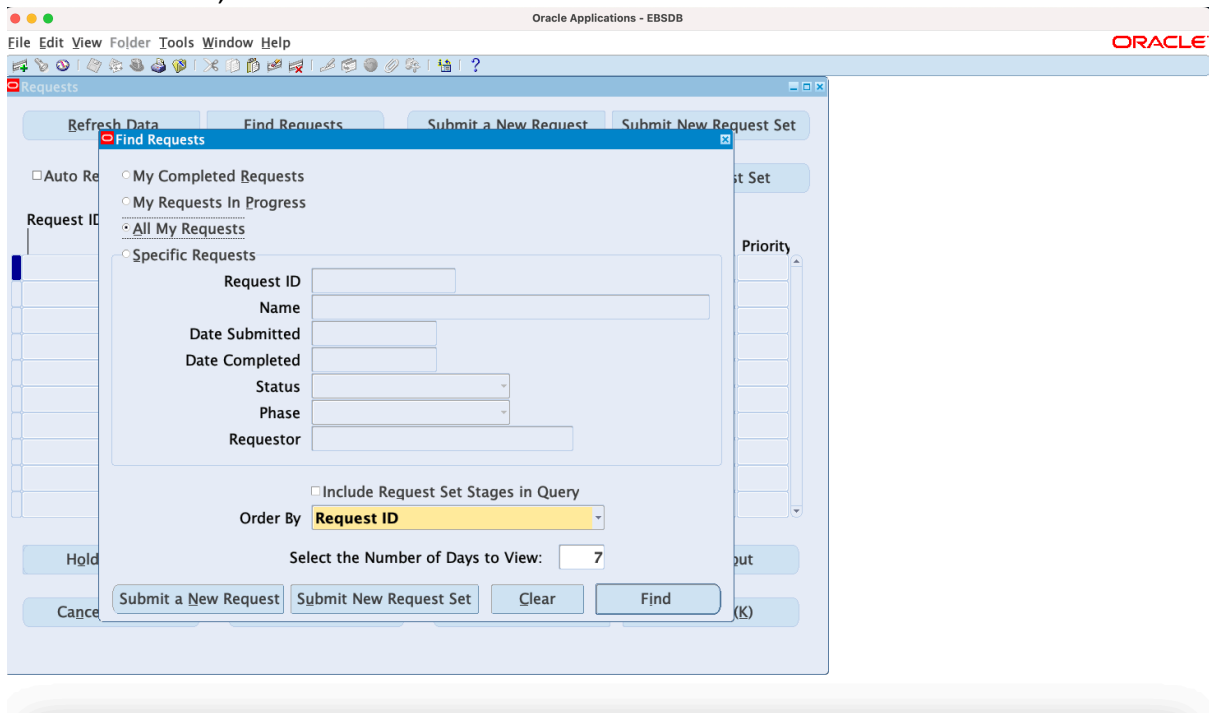
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After some time, Oracle Forms will have launched as shown below.



Stopping the Services

A system service has been configured to both start and stop the Oracle Database element of the Oracle E-Business suite installation.

Run – As the **root** user, execute the below commands to stop the Oracle Apps services. Average start time for a t3.xlarge instance is around **20mins** for the first start.

```
service apps stop
```



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EXPECTED OUTPUT

Stopping the Oracle E-Business Suite Application Tier Services

You are running adstpall.sh version 120.22.12020000.7

The logfile for this session is located at
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adstpall.log

Executing service control script:

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adapcctl.sh stop

Timeout specified in context file: 100 second(s)

script returned:

You are running adapcctl.sh version 120.0.12020000.6

Stopping OPMN managed Oracle HTTP Server (OHS) instance ...

adapcctl.sh: exiting with status 0

adapcctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adapcctl.txt for more
information ...

.end std out.

.end err out.

Executing service control script:

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adcmctl.sh stop

Timeout specified in context file: 1000 second(s)

script returned:



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You are running adcmctl.sh version 120.19.12020000.7

Shutting down concurrent managers for EBSDB ...

ORACLE Password:

Submitted request 7623602 for CONCURRENT FND SHUTDOWN

adcmctl.sh: exiting with status 0

adcmctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adcmctl.txt for more
information ...

.end std out.

.end err out.

Executing service control script:

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/jtffmctl.sh stop

Timeout specified in context file: 100 second(s)

script returned:

You are running jtffmctl.sh version 120.3.12020000.4

Shutting down Fulfillment Server for EBSDB on port 9300 ...

jtffmctl.sh: exiting with status 0

.end std out.

.end err out.



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```
Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adopmnctl.sh stop
Timeout specified in context file: 100 second(s)

script returned:
*****

You are running adopmnctl.sh version 120.0.12020000.2

Stopping Oracle Process Manager (OPMN) and the managed processes ...
opmnctl stopall: stopping opmn and all managed processes...

adopmnctl.sh: exiting with status 0

adopmnctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adopmnctl.txt for more
information ...

.end std out.

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/admanagedsrvctl.sh abort
forms_server1 -nopromptmsg
Timeout specified in context file: -1 second(s)

script returned:
*****

You are running admanagedsrvctl.sh version 120.14.12020000.12

Stopping forms_server1...
Refer /u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adformsctl.txt for
details

Server specific logs are located at
/u01/install/APPS/fs1/FMW_Home/user_projects/domains/EBS_domain/servers/forms_server1/logs
```



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admanagedsrvctl.sh: exiting with status 0

admanagedsrvctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adformscctl.txt for more
information ...

.end std out.

.end err out.

Executing service control script:

/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/admanagedsrvctl.sh abort oafm_server1
-nopromptmsg

Timeout specified in context file: -1 second(s)

script returned:

You are running admanagedsrvctl.sh version 120.14.12020000.12

Stopping oafm_server1...

Refer /u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adoafmctl.txt for details

Server specific logs are located at
/u01/install/APPS/fs1/FMW_Home/user_projects/domains/EBS_domain/servers/oafm_server1/logs

admanagedsrvctl.sh: exiting with status 0

admanagedsrvctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adoafmctl.txt for more
information ...

.end std out.

.end err out.



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```
Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/admanagedsrvctl.sh abort
oacore_server1 -nopromptmsg
Timeout specified in context file: -1 second(s)

script returned:
*****

You are running admanagedsrvctl.sh version 120.14.12020000.12

Stopping oacore_server1...
Refer /u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adoacorectl.txt for
details

Server specific logs are located at
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adoacorectl.txt for more
information ...

admanagedsrvctl.sh: exiting with status 0

admanagedsrvctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adoacorectl.txt for more
information ...

.end std out.

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adalnctl.sh stop
Timeout specified in context file: 100 second(s)

script returned:
*****

adalnctl.sh version 120.3.12020000.4

Shutting down listener process APPS_EBSDB.

adalnctl.sh: exiting with status 0
```



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```

adalnctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adalnctl.txt for more
information ...

.end std out.

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adadminsrvctl.sh stop -nopromptmsg
Timeout specified in context file: -1 second(s)

script returned:
*****

You are running adadminsrvctl.sh version 120.10.12020000.11

Stopping WLS Admin Server...

Refer /u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adadminsrvctl.txt for
details

AdminServer logs are located at
/u01/install/APPS/fs1/FMW_Home/user_projects/domains/EBS_domain/servers/AdminServer/logs

adadminsrvctl.sh: exiting with status 0

adadminsrvctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/logs/appl/admin/log/adadminsrvctl.txt for more
information ...

.end std out.

.end err out.

*****

Executing service control script:
/u01/install/APPS/fs1/inst/apps/EBSDB_apps/admin/scripts/adnodemgrctl.sh stop -nopromptmsg

```



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```

Timeout specified in context file: -1 second(s)

script returned:
*****

You are running adnodemgrctl.sh version 120.11.12020000.12

NodeManager log is located at
/u01/install/APPS/fs1/FMW_Home/wlserver_10.3/common/nodemanager/nmHome1

adnodemgrctl.sh: exiting with status 0

adnodemgrctl.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDb_apps/logs/appl/admin/log/adnodemgrctl.txt for more
information ...

.end std out.

.end err out.

*****

All enabled services on this node are stopped.

adstpall.sh:Exiting with status 0

adstpall.sh: check the logfile
/u01/install/APPS/fs1/inst/apps/EBSDb_apps/logs/appl/admin/log/adstpall.log for more
information ...

```

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Run – As the **root** user, issue the below commands to stop the Oracle Database & Listener.
Average run time for a t3.xlarge instance is around 10mins.

```
service ebscdb stop
```

EXPECTED OUTPUT



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Logfile: /u01/install/APPS/19.0.0/appsutil/log/EBSDb_apps/adcdblnctl.txt

You are running adcdblnctl.sh version 120.0.12020000.4

Shutting down listener process EBSCDB ...

LSNRCTL for Linux: Version 19.0.0.0.0 - Production on 13-FEB-2024 18:51:18

Copyright (c) 1991, 2022, Oracle. All rights reserved.

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP) (HOST=apps.example.com) (PORT=1521)))

The command completed successfully

adcdblnctl.sh: exiting with status 0

adcdblnctl.sh: check the logfile
/u01/install/APPS/19.0.0/appsutil/log/EBSDb_apps/adcdblnctl.txt for more information ...

You are running adcdctl.sh version 120.0.12020000.1

Shutting down container database EBSCDB ...

SQL*Plus: Release 19.0.0.0.0 - Production on Tue Feb 13 18:51:18 2024

Version 19.18.0.0.0

Copyright (c) 1982, 2022, Oracle. All rights reserved.

Connected.

Database closed.

Database dismounted.

ORACLE instance shut down.

Disconnected from Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

Version 19.18.0.0.0

adcdctl.sh: exiting with status 0



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The Oracle Database and Listener has now been successfully stopped.



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