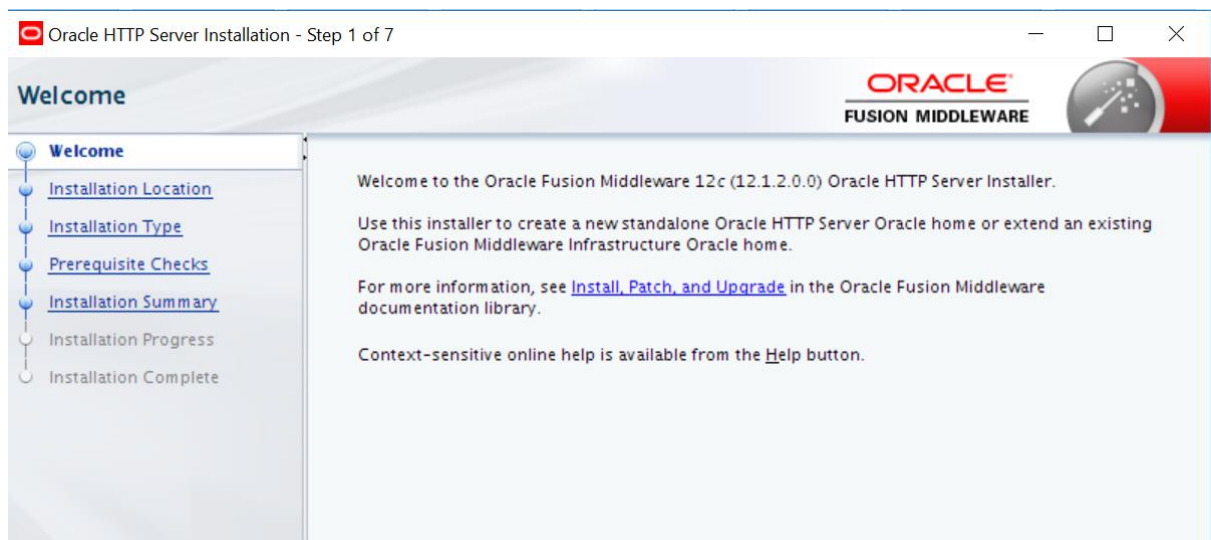# OHS Installation

1. Download the OHS software from oracle based on the operating system.
2. My case I downloaded Linux -64 bit version of OHS 12c(12.1.2.0)
3. Is the link you can download the OHS.
4. Run the file

```
[wlserver@hint102 stage]$ ./ohs_121200_linux64.bin
0%..................................................................................100%
Starting Oracle Universal Installer

Checking if CPU speed is above 300 MHz.   Actual 3515.599 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 10239996 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 8537 MB    Passed


Preparing to launch the Oracle Universal Installer from /tmp/OraInstall2018-01-31_06-19-17AM
Log: /home/wlserver/oraInventory/logs/install2018-01-31_06-19-17AM.log
```
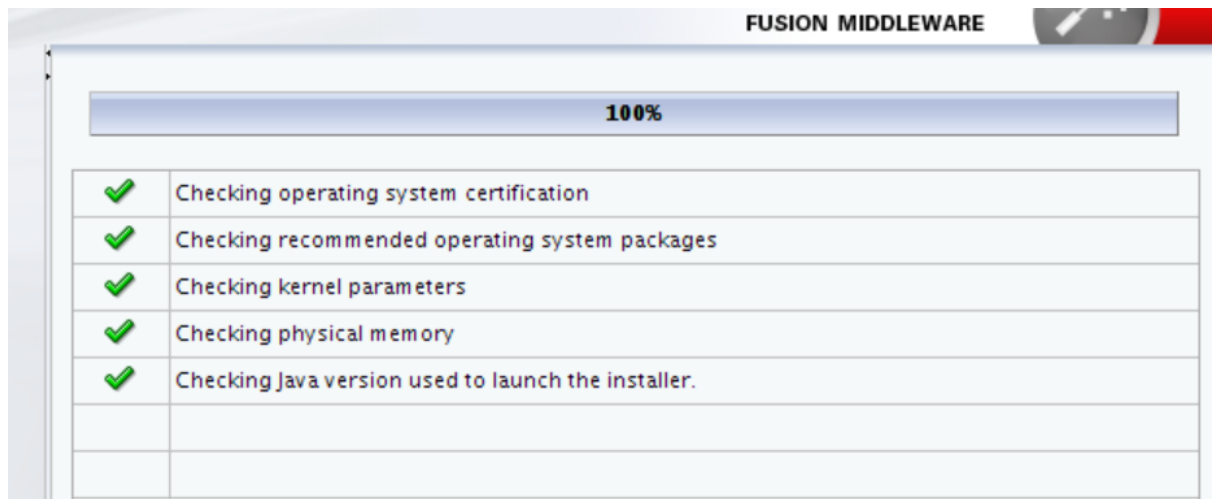
5. If first time Installation create Oracle home
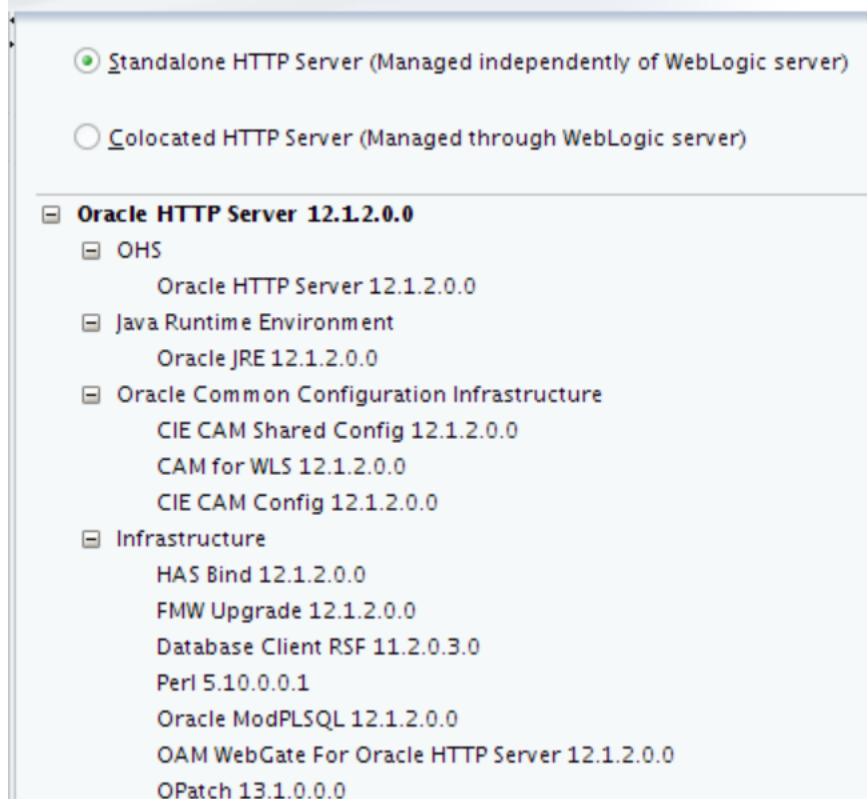
6. There are 2 types of installations –Include WebLogic and exclude
7. Now we continue with standalone.

8. Next

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

Email: [   ]

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

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

My Oracle Support Password: [   ]

9. Skip email and continue.
10. \

☐ **Install Oracle HTTP Server (OHS)**
  ☐ **Installation Location**
    Oracle Home Location: /opt/harish/Ohs_12.1.2
    Log File Location: /home/wlserver/oralnventory/logs/install2018-01-31_06-19-17AM.log
  ☐ **Disk Space**
    Required: 1441 MB
    Available: 7732 MB
  ☐ **Feature Sets to Install**
    Oracle HTTP Server 12.1.2.0.0
    Oracle JRE 12.1.2.0.0
    CIE CAM Shared Config 12.1.2.0.0
    CAM for WLS 12.1.2.0.0
    CIE CAM Config 12.1.2.0.0
    HAS Bind 12.1.2.0.0
    FMW Upgrade 12.1.2.0.0
    Database Client RSF 11.2.0.3.0
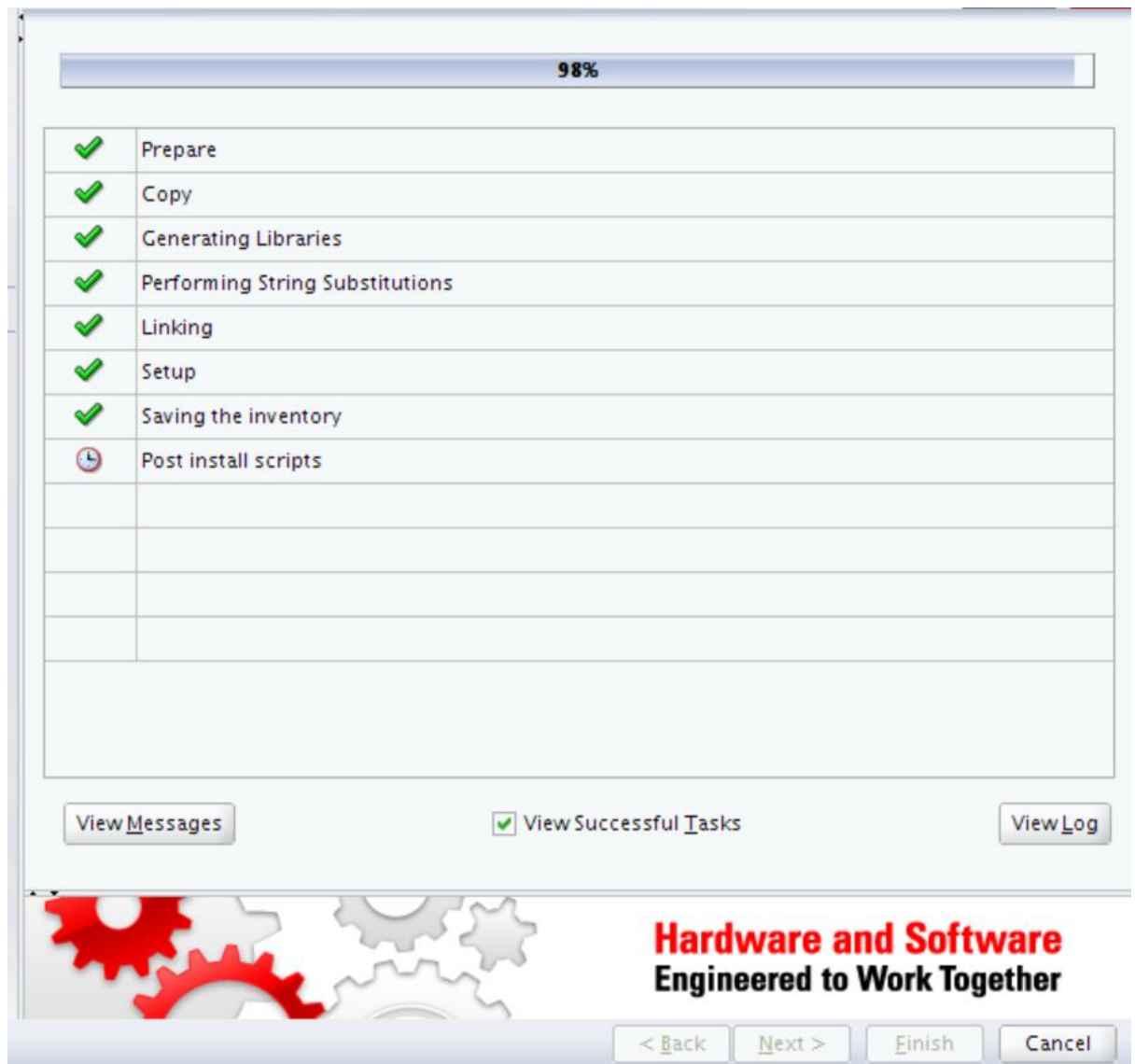   Perl 5.10.0.0.1
    Oracle ModPLSQL 12.1.2.0.0
    OAM WebGate For Oracle HTTP Server 12.1.2.0.0
    OPatch 13.1.0.0.0

[Save Response File]

11. Above the selected components
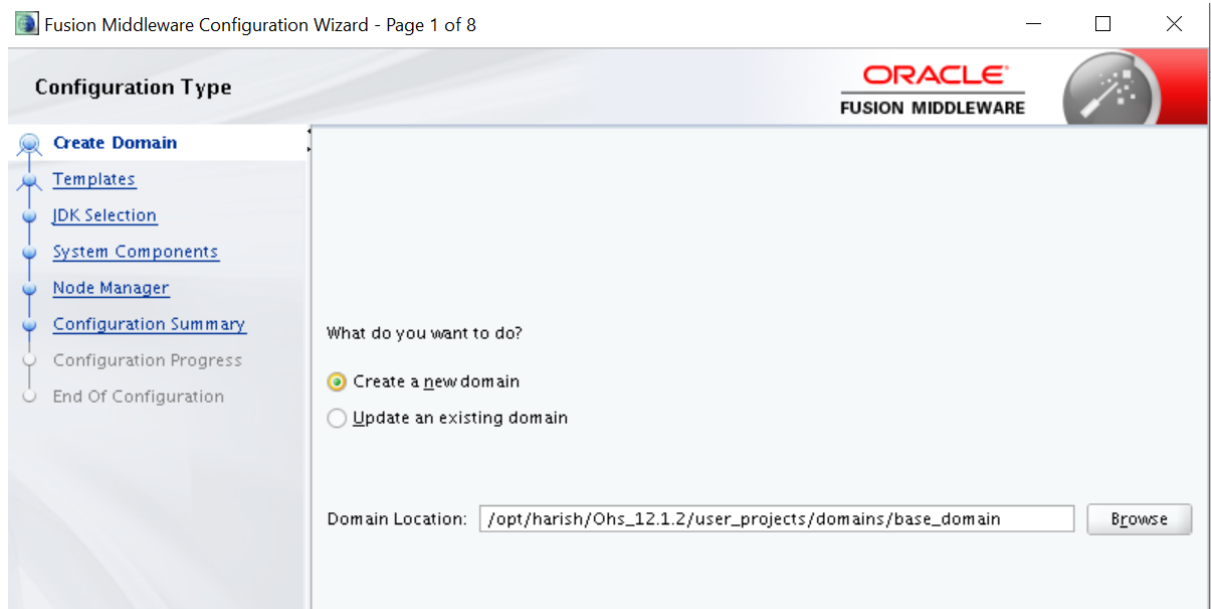12. Install

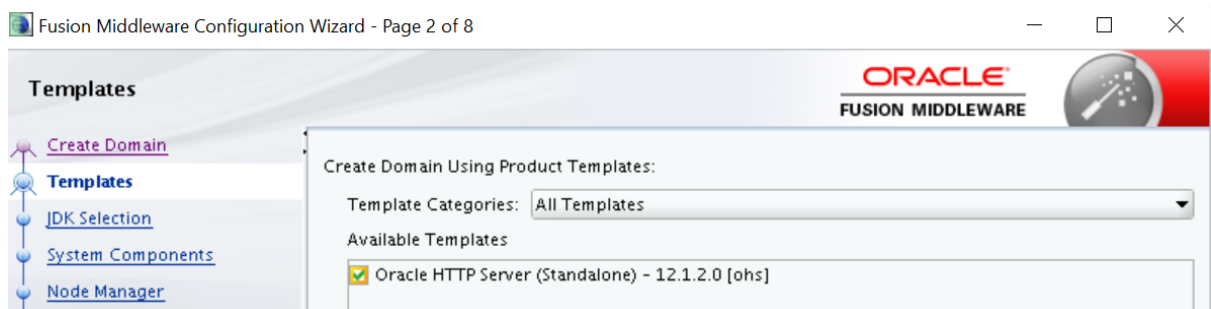13. Next > Finish.

Configure OHS Domain

1. Go to the below location and run the config file.
   /opt/harish/Ohs_12.1.2/ohs/common/bin -→ config.sh
2. Create a new Domain or update an exsting domain

3. Domain Location and name of Domain

4. Select default template.

JDK

⊙ Oracle HotSpot 1.7.0_15 /opt/harish/Ohs_12.1.2/oracle_common/jdk

○ Other JDK Location: [   ] [Browse]

5. Choose default or if you have any other jdk you can give that path.

FUSION MIDDLEWARE

[➕ Add] [✖ Delete]   [🔄 Discard Changes]

System Component	Component Type	Restart Interval Seconds	Restart Delay Seconds
ohs1	OHS ▼	3600	0
	OHS		
	ODI		

6. Choose the component type.
7. My case I am choosing OHS component .and if you want you can add more components.
8. Next

Fusion Middleware Configuration Wizard - Page 5 of 9@hint102.com

OHS Server

ORACLE
FUSION MIDDLEWARE

- Create Domain
- Templates
- JDK Selection
- System Components
- **OHS Server**
- Node Manager
- Configuration Summary
- Configuration Progress
- End Of Configuration

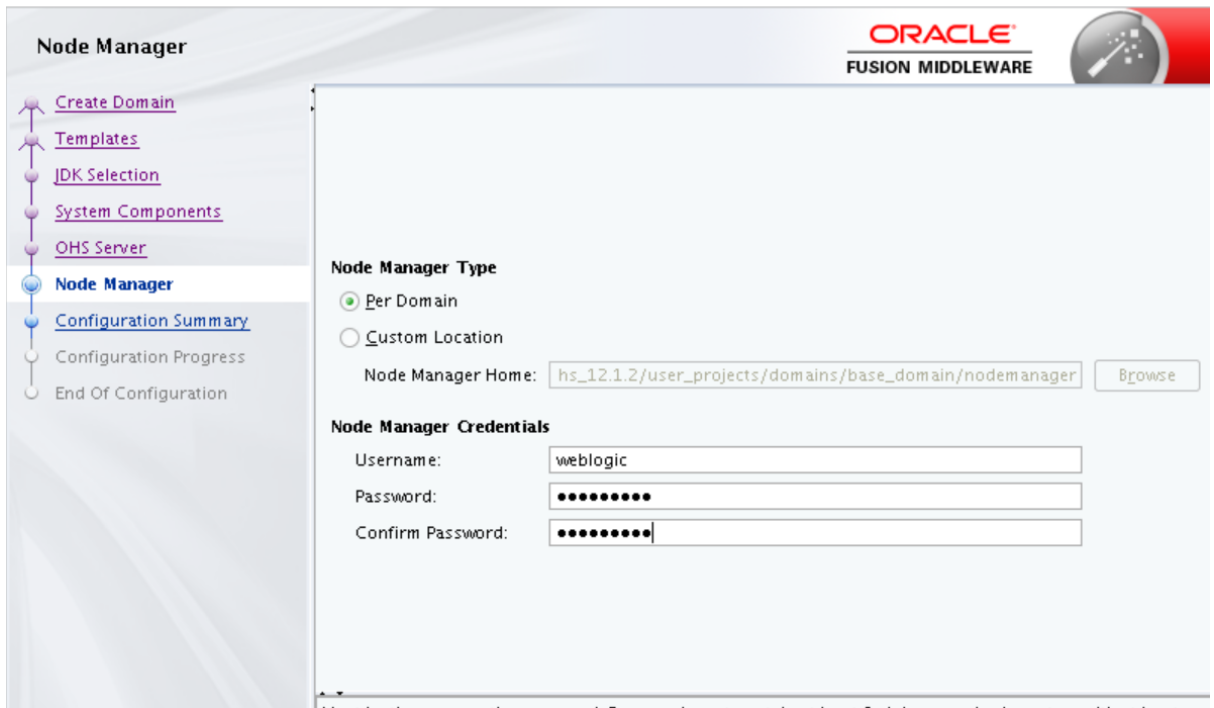|	
System Component	ohs1 ▼
Admin Host	127.0.0.1
Admin Port	9999
Listen Address	10.0.0.102
Listen Port	7777
SSL Listen Port	4443

9. Fill all details as per the info.
10. Create Node manager to OHS and node manager username and password.

Fusion Middleware Configuration Wizard - Page 6 of 9@hint102.com

Node Manager

ORACLE
FUSION MIDDLEWARE

- Create Domain
- Templates
- JDK Selection
- System Components
- OHS Server
- **Node Manager**
- Configuration Summary
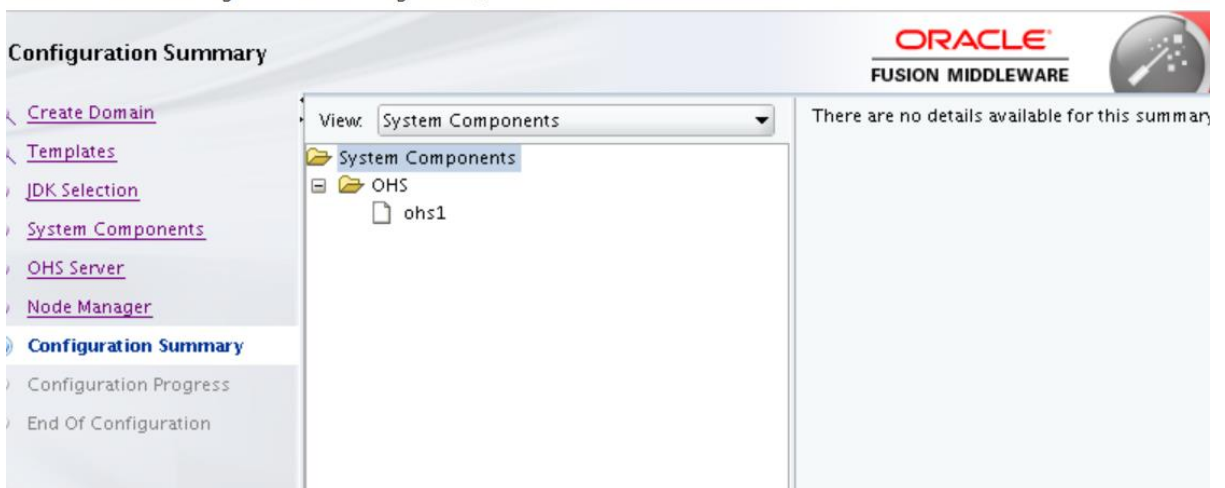- Configuration Progress
- End Of Configuration

Node Manager Type

○ Per Domain

○ Custom Location

Node Manager Home: hs_12.1.2/user_projects/domains/base_domain/nodemanager   Browse

Node Manager Credentials

Username: weblogic

Password: •••••••••

Confirm Password: •••••••••

11. Next
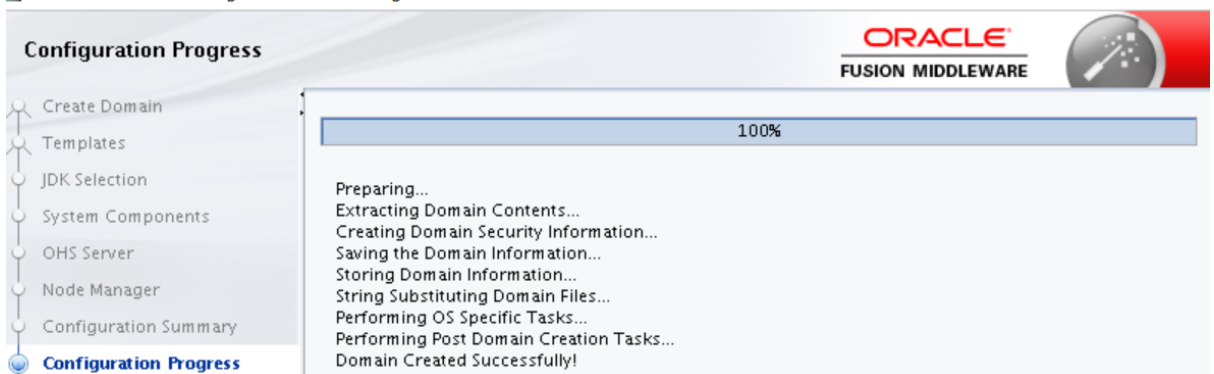
Fusion Middleware Configuration Wizard - Page 7 of 9@hint102.com

Configuration Summary

ORACLE
FUSION MIDDLEWARE

- Create Domain
- Templates
- JDK Selection
- System Components
- OHS Server
- Node Manager
- **Configuration Summary**
- Configuration Progress
- End Of Configuration

View: System Components

System Components
- OHS
  - ohs1

There are no details available for this summary

12. Create

Fusion Middleware Configuration Wizard - Page 8 of 9@hint102.com

Configuration Progress

ORACLE
FUSION MIDDLEWARE

- Create Domain
- Templates
- JDK Selection
- System Components
- OHS Server
- Node Manager
- Configuration Summary
- **Configuration Progress**

100%

Preparing...
Extracting Domain Contents...
Creating Domain Security Information...
Saving the Domain Information...
Storing Domain Information...
String Substituting Domain Files...
Performing OS Specific Tasks...
Performing Post Domain Creation Tasks...
Domain Created Successfully!

13. Next> Finish

✔ **Domain Configuration Succeeded**

New Domain base_domain Creation Successful

Domain Location
/opt/harish/Ohs_12.1.2/user_projects/domains/base_domain

Start and stop OHS

1. Go to the Domain location
2. First start the Nodemanager and start the component
   /opt/harish/Ohs_12.1.2/user_projects/domains/base_domain/bin →
   ./startNodeManager.sh
   /opt/harish/Ohs_12.1.2/user_projects/domains/base_domain/bin →
   ./startComponent.sh ohs1

   Access the console with the default port 7777
   http://10.0.0.102:7777

```
Jan 31, 2018 8:03:58 AM oracle.ohs.plugin.nodemanager.OhsProcessHandler buildProcess
INFO: Check the instance log file for more information: /opt/harish/Ohs_12.1.2/user_projects/domains/base_domain
/servers/ohs1/logs/ohs1.log
<Jan 31, 2018 8:04:00 AM IST> <INFO> <base_domain> <ohs1> <The server 'ohs1' is running now.>
Successfully started server ohs1 ...
Successfully disconnected from Node Manager.


Exiting WebLogic Scripting Tool.

Done
[wlserver@hint102 bin]$
```

ⲤLE   **Oracle HTTP Server 12c**

Oracle HTTP Server 12c is based on the proven, open source Apache HTTP Server technology and provides the framework for hosting static, dynamic Oracle Fusion Middleware Applications.

3. Looking into the access logs and pid file in the below path .

/opt/harish/Ohs_12.1.2/user_projects/domains/base_domain/servers/ohs1/logs

```
-rw-r-----. 1 wlserver wlserver       6 Jan 31 08:03 httpd.pid
-rw-r-----. 1 wlserver wlserver    1084 Jan 31 08:04 ohs1.log
-rw-r-----. 1 wlserver wlserver    1419 Jan 31 08:04 access_log
-rw-------. 1 wlserver wlserver 8388608 Jan 31 08:09 dms_metrics_52088.shm
-rw-r-----. 1 wlserver wlserver     852 Jan 31 08:09 admin_log
[wlserver@hint102 logs]$
10.0.0.3 - - [31/Jan/2018:08:04:24 +0530] "GET /OracleHTTPServer12c_files/oracle_logo.jpg HTTP/1.1" 200 18694
10.0.0.3 - - [31/Jan/2018:08:04:24 +0530] "GET /OracleHTTPServer12c_files/a.gif HTTP/1.1" 200 43
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /OracleHTTPServer12c_files/content_hline.gif HTTP/1.1" 200 134
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /OracleHTTPServer12c_files/footer_L.gif HTTP/1.1" 200 257
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /OracleHTTPServer12c_files/footer_R.gif HTTP/1.1" 200 254
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /OracleHTTPServer12c_files/gradation_header.gif HTTP/1.1" 200 308
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /OracleHTTPServer12c_files/gradation_header-btm.gif HTTP/1.1" 200
156
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /OracleHTTPServer12c_files/footer.gif HTTP/1.1" 200 186
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /OracleHTTPServer12c_files/ohs12c-top-view.jpg HTTP/1.1" 200 2644
80
10.0.0.3 - - [31/Jan/2018:08:04:25 +0530] "GET /favicon.ico HTTP/1.1" 404 194
```