

**Project: Oracle EBS Implementation on ODA**





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# Introduction

Intended audience to this documentation is the Al Gihaz IT Staff whose main responsibility is to manage & monitor Oracle infrastructure.

This documentation provides knowledge transfer of the Oracle Application (EBS) login and access. infrastructure. This designs are explained in detail for a better understanding of the setup.

Various Oracle features are installed,

Screenshots of the complete installation is provided in the last part of the document. This screenshot will shows the installation steps carried out during the implementation.

This table provides an overview of each section and is only intended to help plan who to nominate to complete each section.

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| --- | --- | --- | --- |
| Section | Requirements | Suggested Role | Nominee(s) |
| 1. Customer Overview | A high-level understanding of the system and its problems. | Senior DBA |  |
| 2. Application Server | A description of the server(s) and associated storage. | Systems Engineer |  |
| 3. Database Server | A description of the server(s) and associated storage. | DBA |  |
| 4. DB backup Strategy | A description of backup policy for the databases. | Systems Engineer |  |

1. **Server & node information :-**

Section 2. Applications Server Environment

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| --- | --- | --- |
| Application Server | **Comment/Data** | |
| Machine Name(s) | prod.algihaz.com | |
| IP Address | 10.10.10.55 | |
| Web URL to connect to application | http://prod.algihaz.com:8000 | | |
| Machine usage; e.g. Concurrent Processing, Discoverer, Web Server, Form Server. |  | |
| Application Software Owner (User) | Oracle Applications **R 12.2.4** | |
| Clone Application Software Owner (User) | applmgr | |
| Platform make, model, O/S and O/S version. | applmgr | |
| Speed, current and maximum number of CPUs | Intel(R) Xeon(R) CPU E5540 | |
| Operating System | Current: 32 GB | Maximum: 32GB |
| Operating System kernel version & bits( 32/64 bit ) | OEL 6 (Santiago) | |
| Meta-database version | 2.6.32-220.el6.x86\_64 | |
| Meta-database size | 11.2.0.4 | |
| Is Meta-database in RAC | 41 GB | |
| Other comments | No | |

**Database Server Environment**

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| Database Server(s) | **Comment/Data** | | | |
| Machine Name(s) | odarac01n0.algihaz.com, odarac01n1.algihaz.com | | | |
| IP Address | 10.10.10.25 | | | |
| DB Version | 11.2.0.4 | | | |
| Current and maximum amount of memory. | Current:4 | | Maximum:32 | |
| Number, type, and name of instances running on this machine; e.g. PROD, DEV | 03 | 11gR2 DB | | PROD |
| Oracle Software Owner (User) .. Database | oracle | | | |
| Clone Oracle Software Owner (User) .. Database | oracle | | | |
| TNS Entry | (DESCRIPTION= (ADDRESS=(PROTOCOL=tcp)(HOST=prod.algihaz.com)(PORT=1521)) (ADDRESS=(PROTOCOL=tcp)(HOST=odarac01n0.algihaz.com)(PORT=1525)) (CONNECT\_DATA= (SERVICE\_NAME=PROD) (INSTANCE\_NAME=PROD))) | | | |
| DB Port | 1525 | | | |
| SYSTEM & SYS password  APPS password  Weblogic password  SYSADMIN password | manager  Apps  welcome1  sysalgihazadmin | | | |
| Is Automatic Storage Management in use? | YES | | | |
| Please specify the type of disk array e.g. clustered, centrally hosted, or local to the node. | ASM | | | |
| Please describe the storage e.g. RAW file system usage, RAID usage and levels, stripe size and the type of file system. | ACFS | | | |
| Please describe any local storage used within the server and its use. | Local HDD to host the Application. | | | |
| Which database character sets are installed? | AL32UTF8 | | | |
| Oracle database actual footprint (dba\_segments) |  | | | |
| Oracle SGA size | 2GB | | | |
| Archive log Enabled | NO | | | |
| Standby Database Configured? | NO | | | |

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| Application Server | **Comment/Data** | |
| Machine Name(s) | uat.algihaz.com  dev.algihaz.com | |
| IP Address | 10.10.10.56  10.10.10.54 | |
| Web URL to connect to application | <http://uat.algihaz.com:8004>  http://dev.algihaz.com:8005 | | |
| Machine usage; e.g. Concurrent Processing, Discoverer, Web Server, Form Server. |  | |
| Application Software Owner (User) | Oracle Applications **R 12.2.4** | |
| Clone Application Software Owner (User) | applmgr | |
| Platform make, model, O/S and O/S version. | applmgr | |
| Speed, current and maximum number of CPUs | Intel(R) Xeon(R) CPU E5540 | |
| Operating System | Current: 32 GB | Maximum: 32GB |
| Operating System kernel version & bits( 32/64 bit ) | OEL 6 (Santiago) | |
| Meta-database version | 2.6.32-220.el6.x86\_64 | |
| Meta-database size | 11.2.0.4 | |
| Is Meta-database in RAC | 41 GB | |
| Other comments | No | |

**Database Server Environment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Database Server(s) | **Comment/Data** | | | |
| Machine Name(s) | uat.algihaz.com  dev.algihaz.com | | | |
| IP Address | 10.10.10.56  10.10.10.54 | | | |
| DB Version | 11.2.0.4 | | | |
| Current and maximum amount of memory. | Current:4 | | Maximum:32 | |
| Number, type, and name of instances running on this machine; e.g. PROD, DEV | 03 | 11gR2 DB | | PROD |
| Oracle Software Owner (User) .. Database | Oracle | | | |
| Clone Oracle Software Owner (User) .. Database | Oracle | | | |
| TNS Entry | **UAT**  (DESCRIPTION= (ADDRESS=(PROTOCOL=tcp)(HOST=uat.algihaz.com)(PORT=1525)) (CONNECT\_DATA= (SERVICE\_NAME=UAT) (INSTANCE\_NAME=UAT)))  **DEV**  (DESCRIPTION= (ADDRESS=(PROTOCOL=tcp)(HOST=dev.algihaz.com)(PORT=1526)) (CONNECT\_DATA= (SERVICE\_NAME=DEV) (INSTANCE\_NAME=DEV))) | | | |
| DB Port | 1525 | | | |
| SYSTEM & SYS password  APPS password  Weblogic password  SYSADMIN password | manager  Apps  welcome1  sysadmin | | | |
| Is Automatic Storage Management in use? | YES | | | |
| Please specify the type of disk array e.g. clustered, centrally hosted, or local to the node. | ASM | | | |
| Please describe the storage e.g. RAW file system usage, RAID usage and levels, stripe size and the type of file system. | ACFS | | | |
| Please describe any local storage used within the server and its use. | Local HDD to host the Application. | | | |
| Which database character sets are installed? | AL32UTF8 | | | |
| Oracle database actual footprint (dba\_segments) |  | | | |
| Oracle SGA size | 2GB | | | |
| Archive log Enabled | NO | | | |
| Standby Database Configured? | NO | | | |

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