

Oracle Database Assessment Checklist - Oracle Server

Company Name: _____
 Contact Name: _____
 Title: _____
 Email: _____
 Instance Name _____
 Version _____
 Environment Type: Physical Virtual
 Environment: Prod Non Prod

No of Servers:

12

1.0 SERVER OVERVIEW

1.1 RTO defined _____
 1.2 RPO defined _____
 1.3 Server Performance issues known _____
 1.4 Support lifecycle (Hardware) _____
 1.5 Hardware term _____
 1.6 Licensing _____
 1.7 Disk sizing allocation _____

NI	PI	I	BP
Yes <input type="checkbox"/>		No <input type="checkbox"/>	
Yes <input type="checkbox"/>		No <input type="checkbox"/>	
Yes <input type="checkbox"/>		No <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.0 DATABASE OVERVIEW

2.1 HA Config _____
 2.2 DR Config _____
 2.3 PSU applied _____
 2.4 Database Physical Layout _____
 2.5 Database Server Version _____
 2.6 Health Check Validation _____

Yes <input type="checkbox"/>		No <input type="checkbox"/>	
Yes <input type="checkbox"/>		No <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3.0 Backup Overview

3.1 Backup Strategy _____
 3.2 Restore Tests _____
 3.3 Backup Methodology _____

Yes <input type="checkbox"/>		No <input type="checkbox"/>	
Yes <input type="checkbox"/>		No <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.0 Monitoring

4.1 Monitoring Methodology _____
 4.2 Alert Notifications _____

Yes <input type="checkbox"/>		No <input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5.0 Security

5.1 Auditing Requirements _____
 5.2 Alert Notifications _____
 5.3 DBA access _____
 5.4 Password Management _____
 5.5 Security Model _____

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6.0 Performance

6.1 Statistics Gathering _____
 6.2 ADDM/AWR Recommendations _____
 6.3 Top Waits Events _____
 6.4 Problem Queries _____

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7.0 Other

7.1 Database Maintenance _____
 7.2 Errors/ Incidents in Alert logs _____

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Assessor's Notes

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Staff Name: *Paul Jones*

Signed: *Paul Jones*

Date: *20/10/13*

What We Are Assessing

- 1.0 SERVER OVERVIEW**
Recovery Time Objective (RTO) and Recovery Point Objective (RPO) policies are reviewed and determined to be sufficient or inadequate. Identifying that correct server policies are employed is important in determining a reliable and robust environment.
- 2.0 DATABASE OVERVIEW**
The assessment is used to determine whether data assurance levels are Not Implemented (non-existent), Best Practice (Optimized), or somewhere in between. The assessment will identify Database performance bottlenecks that can significantly impact business processes. Maintaining optimal and real-time database performance is vital for mission-critical applications.
- 3.0 BACKUP OVERVIEW**
Currently your database may not be recoverable. Internal or external backup and recovery problems may prevent your vital data from being accessed from an outage or disaster.
- 4.0 MONITORING**
The database is the central repository for critical information in your organization, it must always be available. Monitoring tools and alerting process are critical in ensuring a rapid and appropriate response.
- 5.0 SECURITY**
Database protection is the last line of defence. Once breached, sensitive data is available to intruders. Reliable data safeguards are essential. The assessment evaluates the database safeguards of the environment and whether the policies employed are sufficient.
- 6.0 PERFORMANCE**
The assessment will identify Database performance bottlenecks that can significantly impact business process. Maintaining optimal and real-time database performance is vital for mission-critical applications.
- 7.0 OTHER**
Additional information vital to the health of your Database.

Checklist Definitions

- NI NOT IMPLEMENTED**
- PI PARTIALLY IMPLEMENTED**
- I IMPLEMENTED**
- BP BEST PRACTICE**