



**ArwanzAI**  
TRUST • INSIGHTS • ACTION

# INCIDENT SNAPSHOT REPORT

From evidence to actionable intelligence

Read-only analysis, cross-team guidance, management-ready reports.

For DBAs & Tech Teams

For Operations

For Management

Multi-platform ready

## ENVIRONMENT IDENTITY / TOPOLOGY

| Environment | Total Nodes | Tiers     | Configuration | Database Role | Archive Mode |
|-------------|-------------|-----------|---------------|---------------|--------------|
| EBS         | 2 NODES     | DB + APPS | NON-RAC       | PRIMARY       | ARCHIVELOG   |

## 1. SERVER / ORACLE ENVIRONMENT OVERVIEW

| Node / Tier        | Host Name           | Operating System                      | Oracle / EBS            | Role / Runtime                                       | Additional Info                    |
|--------------------|---------------------|---------------------------------------|-------------------------|------------------------------------------------------|------------------------------------|
| Database Server    | db-demo01.internal  | Red Hat Enterprise Linux 8.10 (Ootpa) | Oracle 12.1.0.2.0       | PRIMARY<br>CDB: NO                                   | Database: DEMO1<br>Instance: DEMO1 |
| Application Server | app-demo01.internal | Red Hat Enterprise Linux 8.10 (Ootpa) | E-Business Suite 12.2.7 | Services:<br>AdminServer, Forms,<br>OACore, WebLogic | Run FS: fs2<br>Patch FS: fs1       |

All detected nodes in the provided evidence packages are shown above.

## 2. ARWANZAI TECHNOLOGY DETECTION

|                                     |                                            |                                   |                                   |
|-------------------------------------|--------------------------------------------|-----------------------------------|-----------------------------------|
| <b>ORACLE DATABASE</b><br>DETECTED  | <b>RAC</b><br>NOT DETECTED                 | <b>ASM</b><br>NOT DETECTED        | <b>DATA GUARD</b><br>NOT DETECTED |
| <b>E-BUSINESS SUITE</b><br>DETECTED | <b>GRID INFRASTRUCTURE</b><br>NOT DETECTED | <b>GOLDENGATE</b><br>NOT DETECTED | <b>EXADATA</b><br>NOT DETECTED    |

## 3. PRIORITY FINDINGS - SEVERITY OVERVIEW

|             |               |              |            |
|-------------|---------------|--------------|------------|
| URGENT<br>2 | CRITICAL<br>1 | WARNING<br>2 | WATCH<br>1 |
|-------------|---------------|--------------|------------|

**Severity order:** URGENT > CRITICAL > WARNING > WATCH. Snapshot capacity findings start at 90% allocated utilization and are moderated by measured free GB plus verified AUTOEXTEND/MAXSIZE growth headroom. Lower-utilization observations remain in the detailed reports. Non-capacity findings retain the severity qualified by ArwanzAI.

| Severity | Host / Node        | Tier | Issue / Finding                                    | Used % | Category |
|----------|--------------------|------|----------------------------------------------------|--------|----------|
| URGENT   | db-demo01.internal | DB   | Tablespace VIEWS capacity urgent                   | 99.62% | CAPACITY |
| URGENT   | db-demo01.internal | DB   | Repeated Oracle physical block corruption detected | -      | INCIDENT |
| CRITICAL | db-demo01.internal | DB   | Tablespace SYSAUX capacity critical                | 95.63% | CAPACITY |
| WARNING  | db-demo01.internal | DB   | Tablespace APPS_TS_TX_DATA capacity warning        | 91.82% | CAPACITY |
| WARNING  | db-demo01.internal | DB   | Tablespace APPS_OMO capacity warning               | 90.13% | CAPACITY |
| WATCH    | db-demo01.internal | DB   | SGA/PGA memory assessment                          | -      | MEMORY   |

Snapshot purpose: immediate visual triage. Continue to the following Intelligence pages and node Technical Reports for evidence, cause assessment, recommendations and DBA.

## 4. Environment Snapshot

|                  |                                       |               |                                  |
|------------------|---------------------------------------|---------------|----------------------------------|
| Host             | db-demo01.internal                    | Role          | Oracle Database                  |
| Operating system | Red Hat Enterprise Linux 8.10 (Ootpa) | Kernel        | Linux 4.18.x (sample anonymized) |
| Database         | DEMO1                                 | Instance      | DEMO1                            |
| Oracle version   | 12.1.0.2.0                            | Database role | PRIMARY                          |
| Archive mode     | ARCHIVELOG                            | CDB           | NO                               |

## 5. Executive Outcome

### ACTIONABLE RISKS IDENTIFIED - 2 URGENT / 1 CRITICAL

ArwanzAI found directly evidenced conditions that require DBA attention now.

Incident condition is confirmed from the supplied evidence; the underlying cause remains under verification.

Confirmed incident: Repeated Oracle physical block corruption detected (F-001)

Underlying cause position: Physical media/storage corruption - SUPPORTED - EVIDENCE-BOUNDED CONCLUSION

## 6. Priority Findings - Ranked Management View

| # | ID    | Severity | Risk domain             | Finding                                            | Management priority / action                                                                                                                                                                                                                                                                                                                                                       |
|---|-------|----------|-------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | F-001 | URGENT   | DATA INTEGRITY          | Repeated Oracle physical block corruption detected | Immediate DBA integrity / recovery planning. Act now - DBA integrity: map the reported file/block to the owning object, verify corruption scope with approved read-only Oracle/RMAN checks, confirm recoverability/backup options, and correlate the incident timestamp with OS/storage evidence. Do not perform destructive recovery until scope and recovery path are validated. |
| 2 | F-002 | URGENT   | CAPACITY / AVAILABILITY | Tablespace VIEWS capacity urgent                   | Immediate DBA / infrastructure attention. Act now: verify datafile AUTOEXTEND/MAXSIZE and underlying filesystem/ASM headroom, then prepare the approved capacity remediation appropriate to the affected Oracle tablespace/destination.                                                                                                                                            |
| 3 | F-003 | CRITICAL | CAPACITY / AVAILABILITY | Tablespace SYSAUX capacity critical                | Same-day DBA priority. Same-day priority: verify AUTOEXTEND/MAXSIZE and storage headroom, then prepare approved capacity remediation before the condition reaches urgent exhaustion risk.                                                                                                                                                                                          |
| 4 | F-004 | WARNING  | CAPACITY / AVAILABILITY | Tablespace APPS_OMO capacity warning               | Review after urgent/critical controls. Review promptly: verify datafile growth headroom and trend; schedule approved capacity work if sustainable headroom is insufficient.                                                                                                                                                                                                        |
| 5 | F-005 | WARNING  | CAPACITY / AVAILABILITY | Tablespace APPS_TS_TX_DATA capacity warning        | Review after urgent/critical controls. Review promptly: verify datafile growth headroom and trend; schedule approved capacity work if sustainable headroom is insufficient.                                                                                                                                                                                                        |
| 6 | F-006 | WATCH    | RESOURCE                | SGA/PGA memory assessment                          | Monitor / verify. Monitor and plan; verify the trend before any production change.                                                                                                                                                                                                                                                                                                 |

Confirmed actionable findings are ranked above in management priority order; remediation remains DBA-controlled.

## 7. Evidence That Supports the Decision

| ID    | Finding                                            | Decision-changing evidence                                                                                                                                                                                  |
|-------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F-001 | Repeated Oracle physical block corruption detected | ORA-01578 physical block corruption recorded in the supplied incident evidence. Sample environment references are anonymized; the affected file/block must be mapped to the owning segment before recovery. |
| F-002 | Filesystem capacity urgent                         | /data: 95.0% used; approximately 35.68 GB free.                                                                                                                                                             |
| F-003 | Tablespace SYSAUX capacity urgent                  | SYSAUX: 95.63% used; AUTOEXTEND disabled; MAXSIZE headroom 0.0 GB; free space approximately 0.09 GB.                                                                                                        |
| F-004 | Tablespace VIEWS capacity urgent                   | VIEWS: 99.62% used; AUTOEXTEND disabled; MAXSIZE headroom 0.0 GB; free space approximately 0.51 GB.                                                                                                         |
| F-005 | Tablespace APPS_OMO capacity critical              | APPS_OMO: 90.13% used; AUTOEXTEND disabled; MAXSIZE headroom 0.0 GB; free space approximately 0.01 GB.                                                                                                      |
| F-006 | Tablespace APPS_TS_TX_DATA capacity critical       | APPS_TS_TX_DATA: 91.82% used; AUTOEXTEND disabled; MAXSIZE headroom 0.0 GB; free space approximately 4.57 GB.                                                                                               |

| Root-cause boundary              | ArwanzAI position                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Incident condition               | Repeated ORA-01578 physical block corruption                                                                                                                                                         |
| Cause status                     | UNDERLYING CAUSE NOT ESTABLISHED                                                                                                                                                                     |
| Leading investigation hypothesis | Underlying storage/media/platform cause                                                                                                                                                              |
| Highest-value next evidence      | Map the reported file/block to the affected segment and correlate RMAN/V\$DATABASE_BLOCK_CORRUPTION with same-time OS/storage evidence to separate recovery scope from the underlying damage source. |

## 8. Verify First - Read-Only Commands

| Purpose                                                                                                                     | Command                                                                                                                                                                                           | Risk      |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Reconfirm recorded corruption and affected datafile identity before any recovery action.                                    | <pre>sqlplus / as sysdba &lt;&lt;'SQL' select * from v\$database_block_corruption order by file#,block#; select file_id,file_name,tablespace_name from dba_data_files order by file_id; SQL</pre> | READ_ONLY |
| Example read-only RMAN validation/advisory workflow. Run only if operationally approved because validation can consume I/O. | <pre>rman target / &lt;&lt;'RMAN' VALIDATE DATABASE CHECK LOGICAL; LIST FAILURE; ADVISE FAILURE; RMAN</pre>                                                                                       | READ_ONLY |
| Reconfirm filesystem and inode capacity.                                                                                    | df -hP; df -iP                                                                                                                                                                                    | READ_ONLY |

## 9. Solution / Controlled Change Guidance

**CAUTION:** Advisory examples only. Verify the exact target, backup/recovery position, storage design and change approval before any manual production action. ArwanzAI never executes these commands.

### F-003 - Tablespace SYSAUX capacity urgent

Confirm AUTOEXTEND/MAXSIZE, ASM/filesystem free space, naming standards, backup implications and change approval first.

**-- EXAMPLE ONLY**

```
ALTER TABLESPACE SYSAUX ADD DATAFILE SIZE <INITIAL_SIZE> AUTOEXTEND ON NEXT <NEXT_SIZE> MAXSIZE
<APPROVED_MAXSIZE>;
ALTER TABLESPACE SYSAUX ADD DATAFILE '<APPROVED_ORACLE_DATA_PATH>/<new_datafile>.dbf' SIZE
<INITIAL_SIZE> AUTOEXTEND ON NEXT <NEXT_SIZE> MAXSIZE <APPROVED_MAXSIZE>;
```

### F-004 - Tablespace VIEWS capacity urgent

Confirm AUTOEXTEND/MAXSIZE, ASM/filesystem free space, naming standards, backup implications and change approval first.

**-- EXAMPLE ONLY**

```
ALTER TABLESPACE VIEWS ADD DATAFILE SIZE <INITIAL_SIZE> AUTOEXTEND ON NEXT <NEXT_SIZE> MAXSIZE
<APPROVED_MAXSIZE>;
ALTER TABLESPACE VIEWS ADD DATAFILE '<APPROVED_ORACLE_DATA_PATH>/<new_datafile>.dbf' SIZE
<INITIAL_SIZE> AUTOEXTEND ON NEXT <NEXT_SIZE> MAXSIZE <APPROVED_MAXSIZE>;
```

### F-005 - Tablespace APPS\_OMO capacity critical

Confirm AUTOEXTEND/MAXSIZE, ASM/filesystem free space, naming standards, backup implications and change approval first.

**-- EXAMPLE ONLY**

```
ALTER TABLESPACE APPS_OMO ADD DATAFILE SIZE <INITIAL_SIZE> AUTOEXTEND ON NEXT <NEXT_SIZE> MAXSIZE
<APPROVED_MAXSIZE>;
ALTER TABLESPACE APPS_OMO ADD DATAFILE '<APPROVED_ORACLE_DATA_PATH>/<new_datafile>.dbf' SIZE
<INITIAL_SIZE> AUTOEXTEND ON NEXT <NEXT_SIZE> MAXSIZE <APPROVED_MAXSIZE>;
```

## 10. Validate After Action / Close the Cause

- Map the reported file#/block# to owner/segment where possible.
- Check V\$DATABASE\_BLOCK\_CORRUPTION and RMAN VALIDATE evidence.
- Confirm whether the same block affects EBS/application operations and preserve the incident-time trace evidence.
- Re-collect after approved capacity action and confirm utilization moved below the applicable threshold.
- Re-collect after approved action and confirm sustainable free/growth headroom.

**To close the underlying cause:** map the affected file/block to the segment and correlate RMAN/V\$DATABASE\_BLOCK\_CORRUPTION with same-time OS/storage evidence to separate recovery scope from the underlying damage source.

## 11. Management Decision

Act on directly evidenced priorities first: 2 URGENT and 1 CRITICAL finding(s) require DBA review and approved remediation. Incident-cause verification remains open. Do not let that delay safe review of the confirmed capacity risks, and do not make an unproven cause-specific change. ArwanzAI provides diagnostic guidance only. The customer remains in control. Automatic execution: NEVER.