



---

# ORACLE 1Z0-070

Oracle Exadata Administration Certification Questions & Answers

---

## Exam Summary – Syllabus – Questions

---

1Z0-070

**Oracle Certified Expert Oracle Exadata X5 Administrator**

90 Questions Exam – 60% Cut Score – Duration of 120 minutes

## Table of Contents:

Know Your 1Z0-070 Certification Well:.....	2
Oracle 1Z0-070 Exadata Administration Certification Details: .....	2
1Z0-070 Syllabus: .....	3
Oracle 1Z0-070 Sample Questions: .....	6
Study Guide to Crack Oracle Exadata Administration 1Z0- 070 Exam: .....	9

## Know Your 1Z0-070 Certification Well:

The 1Z0-070 is best suitable for candidates who want to gain knowledge in the Oracle Exadata Database Machine version X5-2. Before you start your 1Z0-070 preparation you may struggle to get all the crucial Exadata Administration materials like 1Z0-070 syllabus, sample questions, study guide.

But don't worry the 1Z0-070 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 1Z0-070 syllabus?
- How many questions are there in the 1Z0-070 exam?
- Which Practice test would help me to pass the 1Z0-070 exam at the first attempt?

Passing the 1Z0-070 exam makes you Oracle Certified Expert Oracle Exadata X5 Administrator. Having the Exadata Administration certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## Oracle 1Z0-070 Exadata Administration Certification Details:

<b>Exam Name</b>	Oracle Exadata X5 Administration
<b>Exam Code</b>	1Z0-070
<b>Exam Price</b>	USD \$245 (Pricing may vary by country or by localized currency)
<b>Duration</b>	120 minutes
<b>Number of Questions</b>	90
<b>Passing Score</b>	60%
<b>Format</b>	Multiple Choice Questions (MCQ)
<b>Recommended Training</b>	<a href="#">Exadata Database Machine: 12c Administration Workshop Ed 2</a> <a href="#">Oracle Certified Expert, Oracle Exadata X5 Administrator</a>

	<a href="#"><u>Oracle Database Learning Subscription</u></a>
<b>Schedule Exam</b>	<a href="#"><u>Pearson VUE</u></a>
<b>Sample Questions</b>	<a href="#"><u>Oracle Certified Expert Oracle Exadata X5 Administrator (OCE)</u></a>
<b>Recommended Practice</b>	<a href="#"><u>1Z0-070 Online Practice Exam</u></a>

## 1Z0-070 Syllabus:

Exadata Database Machine Overview	<ul style="list-style-type: none"> <li>- Identify the benefits of using Database Machine for different application classes</li> <li>- Describe the key capacity and performance specifications for Database Machine</li> </ul>
Exadata Database Machine Architecture	<ul style="list-style-type: none"> <li>- Describe the Database Machine network architecture and requirements</li> <li>- Describe the Database Machine software architecture</li> <li>- Describe the Exadata Storage Server storage entities and their relationships</li> <li>- Describe how multiple Database Machines can be interconnected and scaled up</li> </ul>
Key Capabilities of Exadata Database Machine	<ul style="list-style-type: none"> <li>- Describe the key capabilities of Exadata Database Machine</li> <li>- Describe the Exadata Smart Scan capabilities</li> <li>- Describe the capabilities of hybrid columnar compression</li> <li>- Describe the capabilities and uses of the Smart Flash Cache</li> <li>- Describe the capabilities of Columnar Flash Caching</li> <li>- Describe the capabilities of the Smart Flash Log</li> <li>- Describe the purpose and benefits of Storage Indexes</li> <li>- Describe the capabilities and uses of Exadata Snapshot databases</li> <li>- Describe Cell to Cell Data Transfer and Exadata Network Resource Management</li> </ul>
Exadata Database Machine Initial Configuration	<ul style="list-style-type: none"> <li>- Describe site planning requirements for Database Machine</li> <li>- Describe the installation and configuration process with the Exadata Deployment Assistant</li> <li>- Describe the default configuration for Database Machine</li> <li>- Describe supported and unsupported customizations for Database Machine</li> </ul>
Configure Exadata Storage Server	<ul style="list-style-type: none"> <li>- Configure Exadata software and resources using Cellcli or other tools</li> <li>- Create and configure ASM disk groups using Exadata</li> <li>- Use the CellCLI, ExaCLI, DCLI and ExaDCLI Exadata</li> </ul>

	administration tools - Configure Exadata Storage Server security
I/O Resource Management	- Use Exadata Storage Server I/O Resource Management to manage workloads within a database and across multiple databases - Configure database resource management plans and profiles - Configure category plans - Configure inter-database plans - Describe and configure the I/O resource manager objectives - Monitor I/O using I/O Metrics
Recommendations for Optimizing Database Performance	- Optimize database performance in conjunction with Exadata Database Machine - Optimize Cell performance for Flash Cache and latency capping
Using Smart Scan	- Describe Smart Scan and the query processing that can be offloaded to Exadata Storage Server - Describe the requirements for Smart Scan - Describe the circumstances that prevent using Smart Scan - Identify Smart Scan in SQL execution plans including smart joins - Use database statistics and wait events to confirm how queries are processed
Consolidation Options and Recommendations	- Describe the options for consolidating multiple databases on Database Machine - Describe the benefits and costs associated with different options - Identify the most appropriate approach for consolidation in different circumstances
Migrating Databases to Exadata Database Machine	- Describe the steps to migrate your database to Database Machine - Explain the main approaches for migrating your database to Database Machine - Identify the most appropriate approach for migration in different circumstances
Bulk Data Loading	- Configure the Database File System (DBFS) feature for staging input data files - Use external tables based on input data files stored in DBFS to perform high-performance data loads
Exadata Database Machine Platform Monitoring	- Describe the purpose and uses of SNMP for the Database Machine - Describe the purpose and uses of IPMI for the Database Machine

	<ul style="list-style-type: none"> <li>- Describe the purpose and uses of ILOM for the Database Machine</li> </ul>
Configuring Enterprise Manager Cloud Control 12c to Monitor Exadata Database Machine	<ul style="list-style-type: none"> <li>- Describe the Enterprise Manager cloud Control architecture as it specifically applies to Exadata Database Machine</li> <li>- Describe the discovery process and post discovery configurations</li> </ul>
Monitoring Exadata Storage Servers	<ul style="list-style-type: none"> <li>- Describe Exadata Storage Server metrics, alerts, Thresholds and active requests</li> <li>- Describe and use Exadata Storage Server Quarantines, Disk Scrubbing and repair</li> <li>- Monitor Exadata Storage Server using Command line or Cloud control</li> </ul>
Monitoring Exadata Database Machine Database Servers	<ul style="list-style-type: none"> <li>- Describe the monitoring recommendations for Exadata Database Machine database servers</li> <li>- Use Cloud Control or DBMCLI to monitor Exadata Database Machine Database Servers</li> </ul>
Monitoring the InfiniBand Network	<ul style="list-style-type: none"> <li>- Monitor InfiniBand switches With Cloud Control or CLI</li> <li>- Monitor InfiniBand switch ports</li> <li>- Monitor InfiniBand ports on the database servers and Cells with LIST IBPORT command</li> </ul>
Monitoring other Exadata Database Machine Components	<ul style="list-style-type: none"> <li>- Monitor Exadata Database Machine components: Cisco Switch, Power Distribution Units</li> </ul>
Monitoring Tools	<ul style="list-style-type: none"> <li>- Use monitoring tools: Exachk, ExaWatcher, TFA Collector DiagTools, ADRCI, Imageinfo and Imagehistory, OSWatcher</li> </ul>
Backup and Recovery for Exadata Database Machines	<ul style="list-style-type: none"> <li>- Describe how RMAN backups are optimized using Exadata Storage Server</li> <li>- Describe the recommended approaches for disk-based and tape-based backups of databases on Database Machine</li> <li>- Perform backup and recovery</li> <li>- Connect a media server to the Database Machine InfiniBand network</li> </ul>
Database Machine Maintenance tasks	<ul style="list-style-type: none"> <li>- Power Database Machine on and off</li> <li>- Safely shut down a single Exadata Storage Server</li> <li>- Replace a damaged physical disk on a cell</li> <li>- Replace a damaged flash card on a cell</li> <li>- Move all disks from one cell to another</li> <li>- Use the Exadata Cell Software Rescue Procedure</li> </ul>
Patching Exadata Database Machine	<ul style="list-style-type: none"> <li>- Describe how software is maintained on different Database Machine components</li> </ul>
Database Machine Automated Support Ecosystem	<ul style="list-style-type: none"> <li>- Describe the Auto Service Request (ASR) function and how it relates to Exadata Database Machine</li> <li>- Describe the implementation requirements for ASR</li> <li>- Describe the ASR configuration process</li> </ul>

- Describe Oracle Configuration Manager (OCM) and how it relates to Exadata Database Machine

## Oracle 1Z0-070 Sample Questions:

### Question: 1

Identify two valid reasons for creating multiple griddisks on a Single celldisk.

- a) To segregate storage into multiple pools with different performance characteristics
- b) To facilitate normal or high redundancy ASM diskgroups
- c) To enable disk mirroring for the system area
- d) To segregate storage into multiple pools that can be assigned to different databases
- e) To segregate storage into multiple pools that can be assigned to different resource consumer groups in the same database.

**Answer: a, d**

### Question: 2

Identify the three components that serve a purpose only in the Database Machine.

- a) ASM intelligent Data Placement (IDP)
- b) Intelligent Database Protocol (IDB)
- c) Database Resource Manager (DBRM)
- d) I/O Resource Manager (IORM)
- e) Database Filesystem (DBFS)
- f) The DISKMON process

**Answer: b, d, f**

### Question: 3

Which type of network traffic is transported over the internal InfiniBand network in a Database Machine?

- a) IDB protocol traffic only
- b) Both Clustered ASM and RAC database instance traffic
- c) Clustered ASM Instance traffic only
- d) RAC database instance traffic only
- e) IDB protocol traffic, Clustered ASM traffic, and RAC database instance traffic

**Answer: e**

**Question: 4**

You must replace the battery on the disk controller in three Exadata storage servers and must power off the affected storage servers.

Which two commands must you execute to safely power off the storage servers in an X5 Database Machine?

- a) 'shutdown -h now' on the affected storage servers
- b) CellCLI> LIST GRIDDISK WHERE STATUS != 'inactive'
- c) CellCLI > LIST GRIDDISK ATTRIBUTES name WHERE asm deactivation outcome != 'Yes'
- d) 'crsctl stop cluster -all' on one of the database servers
- e) CellCLI> ALTER GRIDDISK ALL INACTIVE

**Answer: c, e**

**Question: 5**

Which three are true regarding the use of Storage Indexes?

- a) Different storage regions may have different columns indexed for the same table.
- b) A Storage index is automatically maintained by CELLSRV based on the filter columns of the offload SQL.
- c) The use of Storage indexes for a particular database can be disabled by using an I/O Resource Manager Database Plan.
- d) Storage Indexes occupy space in the Smart Flash Cache.
- e) The use of Storage Indexes for particular categories of I/O can be disabled by using an I/O Resource Manager Category Plan.
- f) A maximum of eight table columns for any table are Indexed per storage region.

**Answer: a, b, f**

**Question: 6**

What is the benefit of bonding the client access network configuration?

- a) Improved performance
- b) Improved reliability
- c) Both improved performance and reliability
- d) A Single Client Access Name (SCAN)
- e) Improved monitoring

**Answer: b**

**Question: 7**

Which three storage components are available after the standard initial Database machine deployment?

- a) The DATA\_<DBM\_Name> ASM diskgroup
- b) The RECO\_<DBM\_Name> ASM diskgroup
- c) Mirrored system partitions on hard disk 0 and hard disk 1
- d) The DBFS\_DG diskgroup with external redundancy
- e) Exadata Smart Flash Cache using all of the flashdisk space

**Answer: a, b, c**

**Question: 8**

Which four statements are true about Exadata Smart Flash Cache?

- a) Smart Scan will always be done for I/Os to flash based griddisks.
- b) Flash based ASM diskgroups may share space with the Flash Cache on the flashdisks.
- c) Single block reads can benefit from Smart Flash Cache.
- d) Smart Scan will never be done for I/Os to flash based griddisks.
- e) Multiblock reads can benefit from Smart Flash Cache.
- f) Smart Flash Logs reduce the size of Smart Flash Cache.

**Answer: b, c, e, f**

**Question: 9**

A file contains a script with several EXACLI commands that must be executed on each cell in an X5 full rack. The script must run on each cell simultaneously. How would you achieve this?

- a) Copy the script to all cells using the DCLI command and manually execute it on each cell using the DCLI command.
- b) Copy the script to the cells using the EXACLI command and execute the script on all cells using the EXACLI command.
- c) Execute it on all cells using the EXADCLI command specifying the file name containing the EXACLI script.
- d) Copy the script to all cells using the CELLCLI command and execute it on all cells in parallel using the CELLCLI command.
- e) Execute it on all cells using the DBMCLI command specifying the file name containing the EXACLI script.

**Answer: c**

**Question: 10**

You have altered an index supporting a constraint to be invisible on a large data warehouse table in an X5 Database Machine. Which two statements are true?

- a) You might retain the index, and leave it as invisible, and the constraint will still be recognized and enforced.
- b) You must retain the index and make it visible again for the constraint to be recognized and enforced.
- c) You must retain the index and set the constraint to DISABLE NOVALIDATE RELY for the constraint to be recognized.
- d) You might drop the index and use a constraint with the DISABLE NOVALIDATE RELY flags for the constraint to be recognized.
- e) You might drop the index and make the constraint invisible, for the constraint to be recognized and enforced.

**Answer: b, c**

## Study Guide to Crack Oracle Exadata Administration 1Z0-070 Exam:

- Getting details of the 1Z0-070 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 1Z0-070 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Oracle provided training for 1Z0-070 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 1Z0-070 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 1Z0-070 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for 1Z0-070 Certification

Make DBExam.com your best friend during your Oracle Exadata X5 Administration exam preparation. We provide authentic practice tests for the 1Z0-070 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 1Z0-070 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the 1Z0-070 exam.

**Start Online Practice of 1Z0-070 Exam by visiting URL**

**<https://www.dbexam.com/oracle/1z0-070-oracle-exadata-x5-administration>**