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# ORACLE 1Z0-902

Oracle Exadata X9M Certification Questions & Answers

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## Exam Summary – Syllabus – Questions

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1Z0-902

**Oracle Exadata Database Machine X9M Certified Implementation Specialist**

60 Questions Exam – 64% Cut Score – Duration of 90 minutes

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## Know Your 1Z0-902 Certification Well:

The 1Z0-902 is best suitable for candidates who want to gain knowledge in the Oracle Exadata. Before you start your 1Z0-902 preparation you may struggle to get all the crucial Exadata X9M materials like 1Z0-902 syllabus, sample questions, study guide.

But don't worry the 1Z0-902 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 1Z0-902 syllabus?
- How many questions are there in the 1Z0-902 exam?
- Which Practice test would help me to pass the 1Z0-902 exam at the first attempt?

Passing the 1Z0-902 exam makes you Oracle Exadata Database Machine X9M Certified Implementation Specialist. Having the Exadata X9M 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 1Z0-902 Exadata X9M Certification Details:

<b>Exam Name</b>	Oracle Exadata Database Machine X9M Implementation Essentials
<b>Exam Code</b>	1Z0-902
<b>Exam Price</b>	USD \$245 (Pricing may vary by country or by localized currency)
<b>Duration</b>	90 minutes
<b>Number of Questions</b>	60
<b>Passing Score</b>	64%
<b>Format</b>	Multiple Choice Questions (MCQ)
<b>Recommended Training</b>	<a href="#">Oracle Exadata Database Machine X9M Implementation Essentials</a>
<b>Schedule Exam</b>	<a href="#">Pearson VUE</a>
<b>Sample Questions</b>	<a href="#">Oracle Exadata Database Machine X9M Certified Implementation Specialist</a>

<b>Recommended Practice</b>	<a href="#"><u>1Z0-902 Online Practice Exam</u></a>
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## 1Z0-902 Syllabus:

Exadata Database Machine Architecture and Key Capabilities	<ul style="list-style-type: none"> <li>- Describe Exadata hardware architecture (2x database server types, 3x storage server types, power distribution, leaf and spine switches)</li> <li>- Describe Exadata software architecture and deployment scenarios</li> <li>- Describe Exadata Remote Direct Memory Access (RDMA) and Client network architecture (including multirack architecture, secure fabric)</li> <li>- Explain the impact of various diskgroup failure group choices</li> <li>- Describe the deployment options of Exadata including Virtualization and Bare Metal</li> </ul>
Exadata Database Machine Site and Implementation Planning (OECA&OEDA)	<ul style="list-style-type: none"> <li>- Describe the function of Oracle Exadata Configuration Assistant and Oracle Exadata Deployment Assistant</li> <li>- Design an Exadata Database Machine with Oracle ZFS Storage in a single rack using Oracle Exadata Configuration Assistant</li> <li>- Configure Exadata Database virtual deployment using Oracle Exadata Deployment Assistant</li> <li>- Add additional database server to a physical Exadata Database Machine using Oracle Exadata Deployment Assistant</li> <li>- Describe physical site requirements and safety best practices for implementing Exadata (site planning, cooling, power)</li> <li>- Install and configure Oracle Exadata using Oracle Exadata Deployment Assistant</li> </ul>
Exadata Database Machine Installation	<ul style="list-style-type: none"> <li>- Configure Exadata Database Server SP port (ILOM)</li> <li>- Describe the procedure for receiving the rack on site</li> <li>- Reconfigure the Exadata Database Machine to use a single power cable</li> <li>- Verify the firmware of an Exadata Storage Server</li> <li>- Set up Automatic Service Request (ASR) on the Exadata Database Machine</li> </ul>
Exadata Database Machine Integration	<ul style="list-style-type: none"> <li>- Describe the network integration options of Exadata Database Machine</li> <li>- Connect Exadata Database Server in various scenarios, including client and backup networks</li> </ul>

<p>Exadata Database Machine Configuration and Administration</p>	<ul style="list-style-type: none"> <li>- Create and configure Automatic Storage Management disk groups using Exadata</li> <li>- Configure Exadata software and resources using CellCLI or other tools</li> <li>- Use the CellCLI, ExaCLI, DCLI and ExaDCLI Exadata administration tools in various situations</li> <li>- Create an ACFS Filesystem for use with external tables</li> <li>- Back up the Exadata Database Machine and databases on Exadata</li> <li>- Enable Flash Cache Write Back</li> <li>- Start and restart an Exadata Virtual Machine</li> </ul>
<p>Exadata Database Machine Security</p>	<ul style="list-style-type: none"> <li>- Configure Exadata security (storage, secure boot, cellwall, AIDE, ASM Scoped Security, Database Scoped Security, FIPS secure filesystem)</li> <li>- Implement Access Control for REST API</li> </ul>
<p>Exadata Database Machine Troubleshooting</p>	<ul style="list-style-type: none"> <li>- Recover Storage Cell from disk failure</li> <li>- Use Exadata Software to troubleshoot client network disconnect</li> </ul>
<p>Exadata Database Machine Monitoring</p>	<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> <li>- Monitor Exadata Storage Server and Network using Command line or Cloud control</li> <li>- Describe the Enterprise Manager cloud Control architecture as it specifically applies to Exadata Database Machine</li> <li>- Use Enterprise Manager to discover Exadata Database Machine</li> <li>- Describe the Auto Service Request (ASR) function and how it relates to Exadata Database Machine</li> <li>- Describe Oracle Configuration Manager (OCM) and how it relates to Exadata Database Machine</li> </ul>
<p>Exadata Database Machine Updates</p>	<ul style="list-style-type: none"> <li>- Describe how software is maintained on different Database Machine components</li> <li>- Use Exadata Software to deploy an update to an Exadata Database Machine without downtime</li> <li>- Use patchmgr to update a single storage server</li> </ul>
<p>Exadata Database Maintenance Tasks</p>	<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>- Add additional storage to Exadata Database Servers</li> <li>- Use the Exadata Cell Software Rescue Procedure</li> </ul>

## Oracle 1Z0-902 Sample Questions:

### Question: 1

Which three statements are true about Oracle Configuration Manager (OCM) for an Exadata Database Machine?

- a) It is mandatory to install OCM on at least one database server.
- b) Collected configuration information can be uploaded manually to Oracle.
- c) Collected configuration information can be uploaded automatically to Oracle.
- d) It collects configuration information on demand.
- e) It collects configuration information automatically.
- f) It is mandatory to install OCM on all database servers.

**Answer: a, c, f**

### Question: 2

An Exadata X9M-2 Elastic Rack with 4 Database Servers and 8 HC Storage Servers and 3-phase 24kVA PDUs is being installed in a Data Center.

However, the Data Center is only providing enough power for a single cable from each PDU. Which statement is correct?

- a) A splitter cable can be used to provide power to all PDU cables.
- b) The installation cannot proceed until two power feeds are available per PDU.
- c) The power cables from the servers to the PDUs can be rearranged inside the rack following OECA guidance to utilize a single PDU power cable.
- d) The installation can go ahead, no change is required.

**Answer: c**

### Question: 3

Which two activities are supported on the storage servers in an Exadata Database Machine?

- a) changing the root password
- b) upgrading a device driver for hard disks when inserting a replacement disk after a hard disk failure
- c) installing an alternative package manager
- d) upgrading the Storage Server software package using rpm
- e) configuring secure shell user equivalency for the cellmonitor user

**Answer: a, c**

**Question: 4**

How do ASM failure groups provide redundancy?

- a) Failure groups are created for each grid disk to ensure mirror copies are written to the same storage server for faster recovery after a physical disk failure
- b) Extended Redundancy mirrors data across data centers providing the highest levels of data protection
- c) Failure groups contain all ASM disks in a single storage server preventing mirror copies being written to the same storage server.
- d) They ensure that the ASM Flex instances are enabled on a maximum of two database servers or VMs per cluster.

**Answer: d**

**Question: 5**

You are working on a remote Exadata Database Machine with current software and firmware. You now need to start a storage server after hardware maintenance.

Which ILOM command starts the storage server?

- a) -> start /SP/console
- b) -> set /SYS power\_state=ON
- c) -> start /System
- d) You must be physically present in the data center to start an Exadata Storage Server.
- e) -> start /SYSTEM/power
- f) -> start /SYS/power

**Answer: c**

**Question: 6**

Which three statements are true about the CELLCLI command?

- a) It can execute commands on multiple storage servers in parallel.
- b) It has command-line history.
- c) It requires root privileges to create CELLDISKS and GRIDDISKS.
- d) It can be executed on storage servers.
- e) It can be executed using the DCLI utility.

**Answer: b, d, e**

**Question: 7**

I/O performance of the prod database on your Exadata Database Machine has degraded slightly over the past month. The database has been allocated to the OLTP I/O Resource Management (IORM) category.

Which two monitoring tools might be useful in examining I/O performance for the prod database?

- a) OS I/O metrics using OS tools such as iostat on the storage servers
- b) OS I/O metrics using OS tools such as iostat on the database servers
- c) I/O-specific dynamic performance views such as v\$iostat\_fiie, v\$iostat\_function, and v\$iostat\_consumer\_group from the prod database instances using SQL \*p1us
- d) OS I/O metrics using Enterprise Manager host pages for the storage servers
- e) cellcli (or exaccli/exadcli) to examine storage server metrics such as database, category, ceiidisk, and griddisk

**Answer: b, e**

**Question: 8**

Which two statements are false about backup to ZFS Storage Appliance (ZFSSA)?

- a) ZFSSA may connect directly to the Exadata 100Gb ROCE network switches.
- b) Top of Rack (TOR) switches are managed as part of the hardware stack and software levels are upgraded during the patching process.
- c) When backing up multi-rack systems, sharing Exadata X9M switches is recommended.
- d) ZFS Snapshots can provide rapid cloning of development and test environment.

**Answer: a, b**

**Question: 9**

You have been asked by Oracle Support to check the firmware of the hard & flash disks in a storage server. Which cellcli command should you use to get this information?

- a) list cell attributes name, deviceName, diskType, physicalFirmwar
- b) list celldisk attributes name, deviceName, diskType, physicalFirmware
- c) list physicaldisk attributes name, deviceName, diskType, physicalFirmware
- d) list devices attributes name, deviceName, diskType, physicalFirmware

**Answer: b**



**Question: 10**

Examine this list of software components:

1. Oracle KVM Guest
2. Oracle Enterprise Manager Agent (OMA)
3. ASM instance
4. RDBMS instance
5. Automatic Diagnostic Repository Command Interpreter (ADRCI)
6. CELLCLI
7. Cell Server(CELLSRV)
8. diskmon
9. Restart Server (RS)
10. Management Server (MS)

What is the correct location where these software components can run in the standard Exadata Database Machine deployment?

- a) 1, 2, 3, 4, 5, 8, 9 and 10 run on the database servers; 5, 6, 7, 9 and 10 run on the Exadata storage servers.
- b) 2, 3, 4, 8, and 10 run on the database servers; 1, 5, 6, 7 and 9 run on the Exadata storage servers.
- c) 3, 4, 8, and 10 run on the database servers; 1, 2, 5, 6, 7 and 9 run on the Exadata storage servers.
- d) 1, 2, 3, 4, 8 and 9 run on the database servers; 5, 6, 7, 9 and 10 run on the Exadata storage servers.
- e) 1, 2, 3, 4, 9 and 10 run on the database servers; 5, 6, 7, 8, 9, and 10 run on the Exadata storage servers.

**Answer: a**

## Study Guide to Crack Oracle Exadata X9M 1Z0-902 Exam:

- Getting details of the 1Z0-902 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 1Z0-902 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 1Z0-902 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 1Z0-902 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 1Z0-902 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

### Reliable Online Practice Test for 1Z0-902 Certification

Make DBExam.com your best friend during your Oracle Exadata Database Machine X9M Implementation Essentials exam preparation. We provide authentic practice tests for the 1Z0-902 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 1Z0-902 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 1Z0-902 exam.

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