ORACLE 1Z0-590
Oracle VM Essentials Certification Questions & Answers

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1Z0-590
Oracle VM 3.0 for x86 Certified Implementation Specialist
72 Questions Exam – 61% Cut Score – Duration of 120 minutes

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Discover More about the 1Z0-590 Certification

Are you interested in passing the Oracle 1Z0-590 exam? First discover, who benefits from the 1Z0-590 certification. The 1Z0-590 is suitable for a candidate if he wants to learn about Oracle VM. Passing the 1Z0-590 exam earns you the Oracle VM 3.0 for x86 Certified Implementation Specialist title.

While preparing for the 1Z0-590 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The 1Z0-590 PDF contains some of the most valuable preparation tips and the details and instant access to useful 1Z0-590 study materials just at one **click**.

Oracle 1Z0-590 VM Essentials Certification Details:

Exam Name	Oracle VM 3.0 for x86 Essentials
Exam Code	1Z0-590
Exam Price	USD $245 (Pricing may vary by country or by localized currency)
Duration	120 minutes
Number of Questions	72
Passing Score	61%
Format	Multiple Choice Questions (MCQ)
Recommended Training	**Oracle VM Server for x86: Administration Ed 2** **Oracle VM Server for x86: Implementation Ed 1** **Oracle IT Infrastructure Learning Subscription** **Unlimited Learning Subscription - All Technology**
Schedule Exam	**Pearson VUE**
Sample Questions	**Oracle VM 3.0 for x86 Certified Implementation Specialist (OCS)**
Recommended Practice	**1Z0-590 Online Practice Exam**

1Z0-590 Syllabus:

Virtualization Essentials	- Differentiate Server Virtualization technologies - Explain the Hardware Virtualization Model - Explain the Paravirtualization Model
Xen Essentials	- Identify xm Commands for common tasks - Explain the Netfront/Blkfront and Netback/Blkback Driver Model - Describe the difference between Dom0 and a DomU - Describe a Guest Config File - Explain Xen Bridges
Oracle VM Essentials	- Describe Oracle VM Installation - Describe Oracle VM's Guest OS Support - Patch an Oracle VM Server from Oracle VM Manager
Oracle VM Architectures	- Describe the components of the Oracle VM Architecture - Explain the function of the Oracle VM Manager Database Repository - Describe the components of the OVS Agent and their purpose - Describe the role of the Server Pool Master - Explain the Physical to Virtual (p2v) conversion process
Oracle VM Manager	- Install Oracle VM Manager from Media - Create Virtual Machines using Oracle VM Manager - Import Virtual Machine Images using Oracle VM Manager - Import an ISO File using Oracle VM Manager - Create and use Shared Virtual Disks using Oracle VM Manager - Manage Virtual Machines using Oracle VM Manager - Configure Virtual Machines using Oracle VM Manager - Explain the various Cloning types and options - Clone a Virtual Machine using a Clone Definition - Describe how to manage events - Configure Server IPMI
Server Pools	- Explain the directory structure for a Repository - Explain Oracle VM's Shared Storage Pool - Create a Shared Repository - Manage a Shared Repository - Configure an OCFS2 Cluster - Configure a Repository Using NFS or iSCSI - Register a File Server - Set up an HA Server Pool

High Availability	- Explain the Automatic Failover Process - Explain the Live Migration Process - Use Network Bonding in an HA Environment - Use Storage Multipathing in an HA Environment
Best Practices	- Apply best practices in Dom0 - Apply best practices with Storage Repositories - Configure DRS/DPM - Apply best practices with network types - Determine when to use Policies/QoS features
Oracle VM Templates	- Explain the benefits of Oracle VM Templates - Install a template from Oracle - Describe the JeOS Tools - Explain the use of Boot and Cleanup Scripts - Describe the Oracle VM Template Builder
Oracle VM Networking	- Describe the different network types and their uses - Explain the use of Oracle VM VNIC Manager - Configure Networking
Troubleshooting	- Explain which Log Files are used with Oracle VM Server/VM Manager - Troubleshoot problems with the Oracle VM Server Components - Examine the Xen Internal Systems to solve common problems - Explain Xen Commands for troubleshooting network issues - Troubleshoot problems with the OVS Agent - Troubleshoot issues with Attached Storage Arrays - Explain troubleshooting methods for common problems

Broaden Your Knowledge with Oracle 1Z0-590 Sample Questions:

Question: 1

Which type of virtualization technology does Oracle VM use?

a) Physical Domain
b) OS-Level virtualization
c) Hypervisor based virtualization
d) Application virtualization

Answer: c

Question: 2

Which of the following software can be installed in Dom0 in a production environment?

a) HTTP Server
b) Device Drivers provided by Oracle or OPN Partners
c) Development Tools
d) Network monitoring tools

Answer: b

Question: 3

Under which two of the following situations will jobs be generated in Oracle VM Manager?

a) Discover Oracle VM Servers in Oracle VM Manager
b) View Oracle VM Servers' status in Oracle VM Manager
c) Change name of an unassigned Oracle VM Server
d) Power off a Oracle VM Server machine by running shutdown command in Dom0

Answer: a, c

Question: 4

Which command will be used to show running Guest VMs on an Oracle VM Server?

a) xm info
b) xm list
c) prstat
d) ps -ef

Answer: b

Question: 5

Which three network types are configured automatically for the first network bonding of a Oracle VM Server?

a) Management
b) Virtual Machine
c) Cluster Heartbeat
d) Live Migration
e) Storage

Answer: a, c, d

Question: 6

Which one of the following statement is NOT true about master server in a server pool?

a) Oracle VM Manager will contact the master server using cluster 's Virtual IP.
b) When the master server in a server pool fails or in maintenance mode, one of the remaining servers in the server pool will be selected to be the new master server
c) Master server is used as gateway to manage other servers in the server pool
d) Non-clustered server pool does not need a master server

Answer: d

Question: 7

After adding multiple iSCSI storage repositories to your Oracle VM environment, you are getting out of memory errors in dom0.

Which file would you edit to increase dom0 memory allocation?

a) /boot/grub/grub.conf
b) /etc/xend/vm.config
c) /boot/initrd
d) /boot/xen-debug.gz
e) /etc/xen.cfg

Answer: a

Question: 8

Which of the following statements about OVM Template is NOT correct?

a) Templates downloaded from Oracle eDelivery site are pre-built, pre-configured and production ready.
b) A template archive must contains a vm configuration file and one or more disk image files.
c) A template can be used to deploy a complex application with multiple Oracle Software components running on independent OSes.
d) A template can be cloned as a Virtual Machine or another template

Answer: c

Question: 9

Choose four supported Guest OS in Oracle VM 3 for x86 from the following?

a) Windows Server 2003
b) Oracle Linux 6.x
c) SuSE Linux Enterprise Server 11
d) RedHat Enterprise Linux 5.x
e) Solaris 11 x86

Answer: a, b, d, e

Question: 10

In a standard deployment, which port on OVM servers a OVM Manager will communicate for management and monitoring?

a) 22
b) 54321
c) 7001
d) 8899

Answer: d

Avail the Study Guide to Pass Oracle 1Z0-590 VM Essentials Exam:

- Find out about the 1Z0-590 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **1Z0-590 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the 1Z0-590 training. Joining the Oracle provided training for 1Z0-590 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **1Z0-590 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. 1Z0-590 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the 1Z0-590 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the 1Z0-590 Certification

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