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Oracle VM 3.0 for x86 Essentials

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QUESTION 1

Which two configuration files specify the cluster stack, boot cluster and network settings for the OCFS2 duster?

- A. /etc/ocfs2/cluster.conf
- B. /etc/sysconfig/ocfs2
- C. /etc/sysconfig/cluster.conf
- D. /etc/sysconfig/o2cb

Correct Answer: BD

QUESTION 2

What is the effect of running a server pool restores?

- A. When you restore a server pool, all the data stored in the Oracle VM Manager database is deleted, and the data in the server pool master and virtual machine servers is used to restock the database.
- B. When you restore a server pool, all servers are removed from the pool, and the data in the database is removed, restoring the server pool to its initial state.
- C. When you restore a server pool, all the data stored in the server pool master will be deleted, and will be synchronized with the latest information from the Oracle VM Manager database. The server pool master is responsible for updating the individual Oracle VM servers' agent databases.
- D. When you restore a server pool, a signal is sent out to each server in the pool, which responds with the current state of all of the virtual machines it hosts. This data is used to restore the data in the Oracle VM database.

Correct Answer: C

QUESTION 3

After installing the PV drivers into a Windows guest, the networking fails on reboot. What is likely wrong?

- A. The network type has not been changed from Paravirtualized to Fully Virtualized (the ioemu driver is not specified in the vm.cfg).
- B. After install the PV drivers, the MAC address of the network interfaces must be changed in vm.cfg.
- C. After installing the PV drivers, the bridge setting in vm.cfg is lost and must be reset.
- D. The network type has not been changed from Fully Virtualized to Paravirtualized (the netfront driver is not specified in vm.cfg).



Correct Answer: D

Oracle® VM Windows Paravirtual Drivers Installation Guide Release 2.0 for Microsoft Windows E15298-02 May 2010

6.4 Network Devices May Fail

If you install the Windows PV drivers into a guest with the vif type set to ioemu in the guest configuration file (vm.cfg), the network device(s) may fail. The Windows Device Manager displays an error code 10 and an exclamation point (!) to show the network driver cannot be started.

This is caused by the network type being set incorrectly in the guest configuration file.

The network card type can be set three ways:

type=ioemu: Network card is available in QEMU mode only. type=netfront: Network card is available in paravirtualized mode. No type entry: Network card is available in both QEMU and paravirtualized modes.

Workaround:

The issue is only applicable to Oracle VM Server 2.1.5 and does not apply to Oracle VM Server 2.2 or later.

If this issue occurs, change the network type from ioemu to netfront in the guest configuration file.

Alternatively, delete the network type entry. You can make this change using Oracle VM Manager, or manually. To change the configuration manually:

Shut down the guest.

1.

Edit the guest configuration file (vm.cfg) and change the type=ioemu entry to 2.

type=netfront, or delete the entry.

Restart the guest.

3.

The network driver is started.

QUESTION 4

In a paravirtualized environment, which answer best describes the drivers that are used in dom0 and the guest to communicate block I/O requests?

A. A blkback driver is used in dom0, and a blkfront driver is used in the guest.

B. A native device driver is used in dom0, and a blkback driver is used in the guest.



- C. A blkfront driver is used in dom0, and a native device driver is used in the guest.
- D. A blkfront driver is used in dom0, and a blkbck driver is used in the guest.
- E. Native drivers are used in both dom0 and the guest.

Correct Answer: A

QUESTION 5

A number of high priority virtual machines require significant file system access and you are trying to decide what type of memory impact on dom0 they will have. Which two are best practices you should consider for memory use in dom0?

- A. You should always run a find command on dom0 to fill the file system buffer cache for best performance.
- B. You should not run a find command on dom0 as it will use up Dom0 memory and potentially cause double buffering with virtual machines.
- C. When increasing load with additional virtual machines, you should always add more memory to dom0.
- D. When increasing load with additional virtual machines, you generally wont add more memory to dom0.

Correct Answer: AC

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