VMware

Exam 2V0-621D

VMware Certified Professional 6 – Data Center Virtualization Delta Beta Exam

Version: 6.0

[Total Questions: 221]

Question No : 1

Which three traffic types can be configured for dedicated VMkernel adapters? (Choose three.)

A. Discovery traffic
B. vMotion traffic
C. vSphere Replication NFC traffic
D. Provisioning traffic
E. vSphere Custom traffic

Answer: B,C,D

Question No : 2

Which two identification sources can a vSphere Auto Deploy rule use to identify target hosts? (Choose two.)

A. Processor Serial Number
B. Security Identifier
C. SMBIOS information
D. BIOS UUID

Answer: C,D

Question No : 3

An administrator is performing a silent automatic update of VMware Tools on a Windows virtual machine.

What syntax needs to be entered into the Advanced Options box?

A. /s /v "/qn" /l "c:\Windows\filename.log"
B. --prefix=/usr/local,/usr/lib,/usr/doc --silent
C. --prefix=c:\Windows,c:\VMtools --silent
D. /fs /v "/qn+" /l "c:\Windows\filename.log"

Answer: A

Question No : 4

An administrator is troubleshooting network communications between the vCenter Server and the ESXi 6.x host.

Which log shows the interaction events between these components?

A. /var/log/syslog.log
B. /var/log/hostd.log
C. /var/log/vpxa.log
D. /var/log/fdm.log

Answer: C

Question No : 5

After successfully adding a new ESXi 6.x host to vCenter Server, an administrator sees it as Not Responding in the vSphere Web Client interface a few minutes later.

If the issue is caused by a network firewall blocking traffic, which port must be opened to correct this specific problem?

A. 443 (TCP)
B. 443 (UDP)
C. 902 (TCP)
D. 902 (UDP)

Answer: D

Question No : 6

An administrator observes that virtual machine storage activity on an ESXi 6.x host is negatively affecting virtual machine storage activity on another host that is accessing the same VMFS Datastore.

Which action would mitigate the issue?

A. Enable Storage IO Control.
B. Configure Storage DRS.
C. Enable the Dynamic Queue Depth Throttling option.
D. Configure the Disk.SchedNumReqOutstanding parameter.

Answer: A

Question No : 7

Which three connection types are supported between a remote site and vCloud Air?
(Choose three.)

A. Secure Internet Connectivity
B. Private Connect
C. Direct Connect
D. Internet Connectivity
E. Secure VPN

Answer: A,C,E

Question No : 8

Refer to the Exhibit.

```
7:03:33pm up 17 days  6:15, 750 worlds, 21 VMs, 47 vCPUs; CPU load average: 0.17, 0.24, 0.28
Power Usage:  158W, Power Cap:  N/A
PSTATE MHZ:

CPU %USED %UTIL %C0 %C1 %C2
  0   8.0  17.5  18  52  30
  1   4.9  11.9  12  49  39
  2   7.7  15.8  16  63  21
  3   3.3   8.0   8  56  36
  4   9.3  19.0  19  64  17
  5   3.8   9.4   9  65  26
  6   5.2  11.6  11  60  28
  7   6.8  14.1  14  54  32
  8   4.8  10.6  11  77  12
  9   4.4   9.4   9  55  35
 10   3.2   7.6   9  76  14
 11   3.5   8.0   8  59  33
 12  13.8  25.8  24  34  41
 13   7.4  14.9  15  35  50
 14  13.6  25.6  26  26  48
 15   3.6   7.9   8  44  48
 16   6.8  13.3  13  23  63
 17   3.5   7.5   7  31  62
 18   6.4  12.5  12  33  55
 19   3.4   7.2   7  29  64
 20   2.7   5.7   6  37  58
 21   5.2   9.6  10  19  72
 22   4.5   8.7   9  33  58
 23   4.4   8.5   8  41  51
```

An administrator is troubleshooting intermittent poor performance of virtual machines in a vSphere 6.x cluster. Investigating esxtop data shows that the only statistic that stands out is %CSTP as depicted in Exhibit 1:

The administrator proceeds to switch to the Power Management screen and observes the data depicted in Exhibit 2:

Based on the information in the exhibits, which two configurations are probable causes of the poor performance? (Choose two.)

A. The active power policy is set to Low Power.
B. The host has active Sleep States configured in the BIOS.
C. The active power policy is set to High Performance.
D. The host has active Power States configured in the BIOS.

Answer: A,B

Question No : 9

Refer to the Exhibit.


```
6:43:19pm up 46 days  2:17, 502 worlds, 2 VMs, 8 vCPUs; CPU load average: 1.37, 1.35, 1.35
PCPU USED(%):  99  99 100  99 AVG:  99
PCPU UTIL(%):  99  99  99  99 AVG:  99

      ID      GID NAME          NWLD   %USED    %RUN   %SYS  %WAIT %VMWAIT    %RDY  %IDLE  %OVRLP   %CSTP %MLMTD %SWPWT
20672602 20672602 SlowVM          10  202.81  203.52  0.00 589.96    0.00  163.60   0.00    0.73   61.73   0.00   0.00
20673003 20673003 TestVM          10  199.49  200.02  0.00 599.95    0.07  164.35   0.00    0.66   54.68   0.00   0.00
```

An administrator is troubleshooting a CPU performance related problem for the SlowVM virtual machine.

Which three actions should the administrator take to improve CPU performance for SlowVM? (Choose three.)

A. Increase the number of vCPUs assigned to SlowVM.
B. Decrease the number of vCPUs assigned to SlowVM.
C. Power off other VMs running on the same ESXi host.
D. Increase the CPU limit for SlowVM.
E. Move SlowVM to another ESXi host with more physical CPU resources available.

Answer: B,C,E

Question No : 10

Attempting to update an ESXi 6.x host using the following command:

esxcli software vib update -d update.zip

Generates the following error:

Could not download from depot at /tmp/index.xml, skipping (('/tmp/index.xml', '', "[Errno 4] IOError: <urlopen error [Errno 2] No such file or directory: '/tmp/index.xml'>")) url = /tmp/index.xml

What action should be taken to correct the problem?

A. Add the full file path to the command.
B. Use the update option instead of install.
C. Use the switch -d instead of -v.
D. Replace esxcli with esxupdate.

Answer: A

Question No : 11

An administrator wants to clone a virtual machine using the vSphere Client.

Which explains why the Clone option is missing?

A. The vSphere Client is directly connected to the ESXi host.
B. The virtual machine is configured with a thin-provisioned virtual disk.
C. The virtual machine is configured with outdated Virtual Hardware.
D. Cloning can only be performed with vRealize Orchestrator.

Answer: A

Question No : 12

Which two options are available in the Virtual Machine Component Protection (VMCP) setting Response for Datastore with All Paths Down (APD)? (Choose two.)

A. Issue Events
B. Power off and restart virtual machines

C. Reset virtual machines
D. Leave Powered On

Answer: A,B

When attempting to place a datastore in Maintenance Mode, the task remains at 1%.

What are two potential causes for this? (Choose two.)

A. Storage DRS is disabled on one or more virtual machine(s) disk(s).
B. Storage DRS rules prevent migration recommendations for the disk.
C. Storage DRS datastores have insufficient space to accommodate failover.
D. Storage DRS provisioning network has been limited with I/O control policies.

Answer: A,B

When troubleshooting a performance related issue, an administrator sees the following warning message on an ESXi Console:

Significant imbalance between NUMA nodes detected. Performance may be impacted.

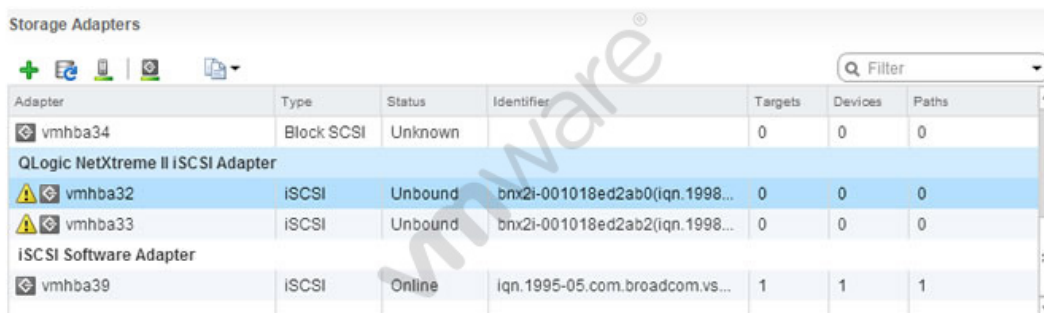Which action should the administrator take to correct this problem?

A. Ensure that the RAM modules are evenly balanced between processor sockets in the physical server.
B. Ensure that all memory banks associated with CPU Socket 0 in the physical server are completely filled.
C. Ensure that the physical server has the maximum amount of RAM modules that it can support.
D. Ensure that all RAM modules in the host are Error-correcting code (ECC) modules.

Answer: A

Question No : 15

Refer to the Exhibit.

The Exhibit shows the status of vmhba32 and vmhba33 as Unbound.

What is a likely reason for this status?

A. The host bus adapter is not associated with a vmknic.
B. The Dynamic Target Discovery was not configured.
C. The Static Target Discovery was not configured.
D. The host bus adapter is not associated with a vmnic.

Answer: A

Question No : 16

An administrator is creating a new Content Library. It will subscribe to another remote Content Library without authentication enabled.

What information from the published library will they need in order to complete the subscription?

A. Subscription URL
B. A security password from the publishing Content Library
C. Publisher's Items.json file
D. Username from the publishing Content Library

Answer: A

Question No : 17

An administrator is configuring virtual machines to use Worldwide Port Names (WWPNs) to access the storage.

Which two conditions are required? (Choose two.)

A. The switches in the fabric must be N-Port ID Virtualization aware.
B. The virtual machines must be using passthrough Raw Disk Mapping (RDMp).
C. The virtual machines must be using Virtual Machine Disk (VMDK).
D. The switches in the fabric must be Storage I/O Control aware.

Answer: A,B

Question No : 18

Which log file would you examine to identify an issue which occurred during the pre-upgrade phase of a vCenter Server upgrade process?

A. vcdb_req.out
B. vcdb_export.out
C. vcdb_import.out
D. vcdb_inplace.out

Answer: A

Question No : 19

An administrator has recently audited the environment and found numerous virtual machines with sensitive data written to the configuration files.

To prevent this in the future, which advanced parameter should be applied to the virtual machines?

A. isolation.tools.setinfo.disable = true
B. isolation.tools.setinfo.enable = true
C. isolation.tools.setinfo.disable = false
D. isolation.tools.setinfo.enable = false