Veritas

Exam VCS-254

Administration of Veritas Cluster Server 6.1 for UNIX

Version: 6.0

[Total Questions: 298]

Question No : 1

What is the impact of a VCS design that requires reducing the value of the MonitorInterval resource type attribute?

A. Resource failures will take longer to detect.
B. The monitor portion of the agent must be rewritten.
C. The systems will experience a lower load.
D. The systems will experience a higher load.

Answer: D

Question No : 2

Which two files can be used to recreate a corrupt main.cf configuration file? (Select two.)

A. main.cf.previous
B. main.cf.old
C. main.cmd
D. main.previous
E. main.cmd.old

Answer: A,C

Question No : 3

Which component do all Veritas Cluster Server agents use to communicate their status?

A. IMF
B. HAD
C. LLT
D. GAB

Answer: B

Question No : 4

The failover service group named websg is FROZEN and is ONLINE/PARTIAL in a two-node cluster. The power is unplugged from the system on which websg is ONLINE/PARTIAL.

Consider the configuration file below:

group wewbsg (

SystemList = { sym1 = 1, sym2 = 2 }

AutoFailover = 1

AutoStartList = { sym1, sym2 }

Parallel = 0)

What will be the state of websg on the surviving system?

A. AutoDisabled
B. OFFLINE
C. FROZEN
D. ONLINE/PARTIAL

Answer: B

Question No : 5

Which roles configuration tab is used to set the custom attributes that a certain role can view or edit?

A. General tab
B. Incident Access tab
C. Policy Management tab
D. Users tab

Answer: A

Question No : 6

Refer to the exhibit.


```
group GroupA (
    SystemList = { SystemA, SystemB, SystemC, SystemD }
    AutoStartList = { SystemB, SystemC }
    AutoStartPolicy = Load
    Load = 100
)
```

SystemC and SystemD are powered on. Subsequently, SystemA and SystemB are powered on. Where will GroupA start when the cluster comes online?

A. SystemA
B. SystemB
C. SystemC
D. SystemD

Answer: B

Question No : 7

Which triggers require additional configuration at the service group level to be enabled? (Choose two.)

A. PreOnline
B. PostOnline
C. PostOffline
D. ResStateChange

E. LoadWarning

Answer: A,D

Question No : 8

After simultaneously rebooting all nodes of a 3-node cluster hosting a critical application, two of the nodes fail to power on because of a hardware fault. What must the cluster administrator do before HAD can start and the critical application can be onlined on the surviving node?

A. fix the two failed nodes
B. edit the /etc/llttab file by deleting the two faulted nodes
C. edit the /etc/gabtab file by deleting the two faulted nodes
D. manually seed the surviving node with gabconfig -c -x

Answer: D

Question No : 9

What is a required attribute of a service group?

A. AutoStart
B. AutoStartList
C. SystemList
D. SystemStartList

Answer: C

Question No : 10

An administrator needs to set up a service group dependency with the following characteristics:

The parent group depends on the child group being online on the same system.

If the child group faults, the parent group should be taken offline.

If the parent group faults, then the child group should go offline.

Which type of dependency is this?

A. Online local hard
B. Online local firm
C. Online global soft
D. Online global firm

Answer: A

Question No : 11

A parallel service group named net_sg is online on SystemA, SystemB, and SystemC in a threenode cluster. The service group contains a critical NIC resource and a non-critical Phantom resource. If the network device specified in the NIC attribute fails on SystemA, the net_sg service group state is _____.

A. Faulted on SystemA, online on SystemB and SystemC
B. Faulted on SystemA, SystemB, and SystemC
C. Offline on SystemA, online on SystemB and SystemC
D. Partially online on SystemA, online on SystemB and SystemC

Answer: A

Question No : 12

You are adding a system to a running cluster. You have successfully performed these steps on the system that you are adding:

1. Installed, configured, and tested all application resources required

2. Installed VCS

3. Configured and started VCS communications (LLT and GAB)

What is the next step that you perform?

A. Update the resource attributes to enable resources to run on the new system
B. Update the service group attributes to enable groups to run on the new system
C. Change the cluster attribute for VCS user names to match accounts on the new system
D. Change the owner of the system attributes so that all cluster systems are the same

Answer: B

Question No : 13

Which directive is used in /etc/llttab to define a low-priority link?

A. Link
B. lowpri-link
C. Link-lowpri
D. lowpri

Answer: C

Question No : 14

Which file is created by vxfen startup script when I/O fencing starts?

A. vxfendg
B. vxfentab
C. vxfenmode
D. vxgabtab

Answer: B

Question No : 15

Which conditions must be met for the service group to fail over? (Choose three.)

A. AutoFailover must be set to default.
B. ManageFaults must be set to NONE.
C. The service group must not be frozen.
D. AutoStart must be set to default.

E. At least one failover target must be running.

Answer: A,C,E

Question No : 16

What should you do when modifying a resource attribute in an online service group?

A. Freeze the resource
B. Disable the resource
C. Disable the service group
D. Take the service group offline

Answer: B

Question No : 17

A newly created failover service group configured with resources remains offline when the cluster is started.

Which attribute should an administrator investigate to determine why the service group remains offline?

A. AutoStartList
B. AutoStartIfPartial
C. AutoStartPolicy
D. StartList

Answer: A

Question No : 18

A parallel service group named websg is online on sym1, sym2, and sym3 in a three-node cluster. The service group contains a critical NIC resource and a non-critical Phantom resource.

If the network device specified in the NIC attribute fails on sym1, what is the resulting state

for the websg service group?

A. faulted on sym1, online on sym2 and sym3
B. faulted on sym1, sym2, and sym3
C. offline on sym1, online on sym2 and sym3
D. partially online on sym1, online on sym2 and sym3

Answer: A

Question No : 19

Cluster systems are using a NIC teaming method. Both nic1 and nic2 have been used to create the virtual network interface named nic. The NIC resource is using the teamed nic device. If nic1 is the currently active interface, what is the effect on the NIC resource if nic1 fails?

A. You must use the MultiNIC resource for this configuration.
B. The operating system fails over the IP addresses from nic1 to nic2.
C. The NIC resource will fault causing the service group to fail over.
D. The NIC resource moves the IP addresses from nic1 to nic2.

Answer: B

Question No : 20

An administrator has removed a system from a running Veritas Cluster Server cluster so that the cluster now only has seven nodes. The administrator must ensure the cluster will start successfully after a complete cluster shutdown.

Which line should be in the /etc/gabtab file to successfully start the cluster?

A. gabconfig -c -n 7
B. clust start seed=7
C. gabconfig start seed=7
D. clust -c -n 7

Answer: A

Question No : 21

Under which condition can a service group be AutoDisabled?

A. When hashadow cannot restart HAD on a system
B. When the system is in a jeopardy membership
C. When a firm service group dependency exists between two service groups and the parent service group fails
D. When a firm service group dependency exists between two service groups and the child service group fails

Answer: A

Question No : 22

There is a two-node Veritas cluster with two independent heartbeat connections, and fencing is disabled.

What happens when one of the heartbeat connections is lost?

A. The cluster will disable service group failover on system fault.
B. The cluster will be fully functional, but will be unsupported.
C. The cluster will automatically configure a low-pri heartbeat over the public net.
D. The cluster will take all service groups offline until both heartbeats are restored.

Answer: A

Question No : 23

Which two options can be used to install Veritas Cluster Server on remote systems using the provided install script? (Select two.)

A. rdc
B. rcp
C. rsh
D. ssl
E. ssh