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QUESTION & ANSWER

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Exam : **251-700**

Title : Implementation of HA Solutions for Windows using VCS 4.1

Version : Demo

1. You want to verify that systems are suitable for a VCS clustered application. Which three items do you verify on the systems? (Choose three.)

A. operating system licenses

B. operating system patch levels

C. amount of memory in each system

D. systems listed in VCS Hardware Compatibility List

Answer: BCD

2. Which two things need to be confirmed before installing VCS? (Choose two.)

A. verify that all required Operating System patches are installed on each system

B. verify that private Ethernet heartbeats reside on consecutive network subnets

C. identify the Cluster ID of any other VCS cluster with heartbeat connections on the same subnet

D. all applications that are to be clustered are offline prior to installing VCS

E. ensure that one system is set up as a license manager for all applications that will be clustered

Answer: AC

3. There is a requirement for an application to remain online when a public network interface fails in a two-system VCS cluster. Which hardware configuration is required to configure this behavior in VCS?

A. Multiple public network interfaces must be present on each system.

B. One network interface per system will work as long as two or more switches are present.

C. VCS will fail over the application any time any network interface fails on a system.

D. Multiple network interfaces must be on the same controller card on each system.

Answer: A

4. Which two security group memberships are required to add a system to a cluster? (Choose two.)

A. Domain Administrator in the domain

B. Enterprise Administrator in the domain

C. Local Administrator for the new system

D. Domain User in the domain

Answer: AC

5. You are planning to install both VERITAS Cluster Server and VERITAS Storage Foundation. You will also be changing the application environment over the course of the next 18 months. Increasing the number of _____ will require modification of the VCS configuration. (Choose three.)

A. highly available applications

B. file systems used by the highly available applications

C. disk groups used by the highly available applications

D. disks in the disk group used by the highly available applications

Answer: ABC

6. You are the administrator of a VCS cluster. You want to add another system to the cluster. Which two security group memberships are required on the new system to add the system to the cluster? (Choose two.)

A. Domain Administrator

B. Enterprise Administrator

C. Local Administrator

D. Domain User

Answer: AC

7. Which three elements are components of a base VCS installation? (Choose three.)

A. bundled agents

B. custom agents

C. PERL

D. GAB Drivers

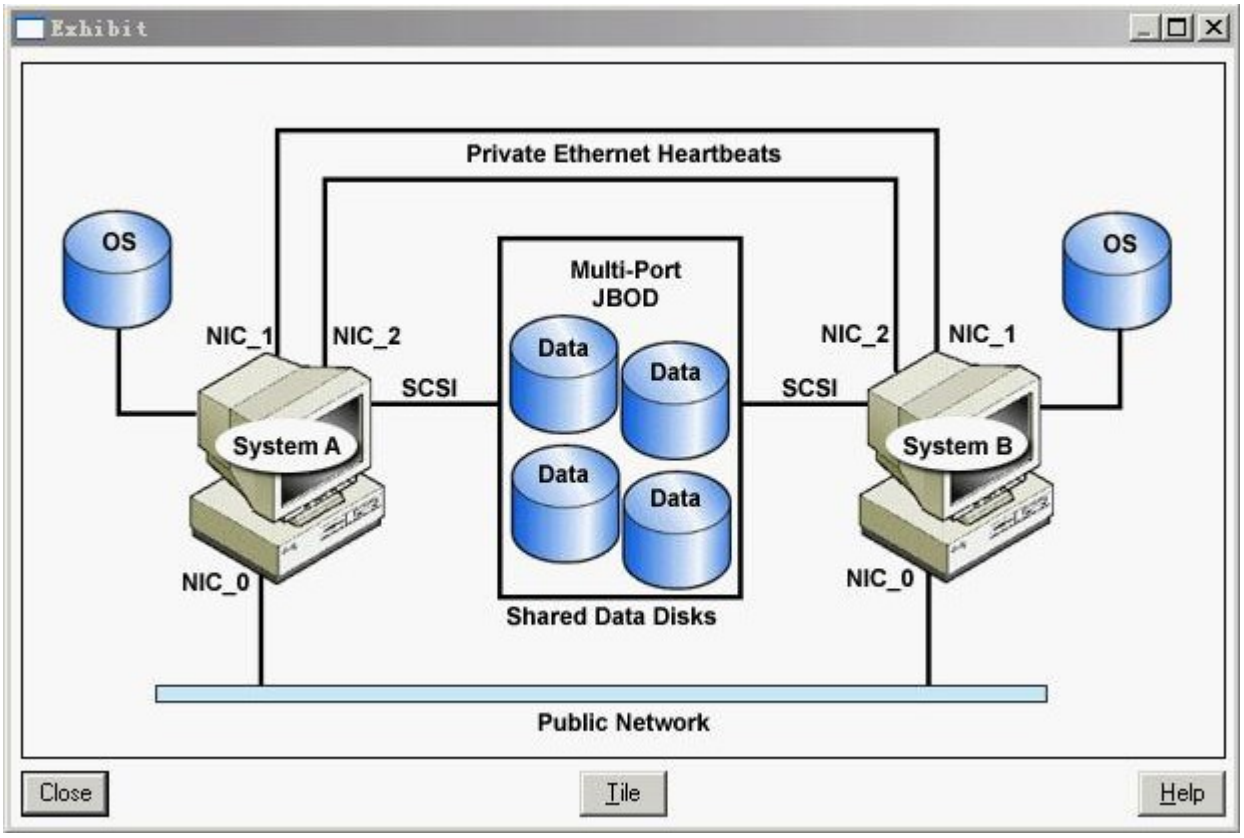
E. cluster simulator

Answer: ACD

8. Click the Exhibit button.

The diagram shows a proposed HA configuration.

What effect would configuring the public NIC to handle low-priority heartbeats have?



A. provides additional protection from split brain

B. improves LLT and GAB traffic load balance

C. prevents the cluster from going into jeopardy if both private heartbeats fail

D. provides additional availability for the public NIC

Answer: A

9. Which command is used to install VCS for Windows in an unattended mode?

A. setup.exe

B. vxinstall.exe

C. install.exe

D. vxsilent.exe

Answer: A

10. VCS needs to be patched on systems running in a production environment. There are two service groups currently running in a cluster that has two systems. VCS must be stopped on all systems in the cluster in order to apply the patch without any application downtime. What is the proper VCS command to accomplish this?

A. hastop -all

B. hastop -all -force

C. hapause -upgrade

D. hasys -stop

Answer: B

11. You can determine if resource attributes are valid in VCS by running the _____.

A. hares -probe command and checking the VCS probe log

B. hares -probe command and checking the VCS engine log

C. haprobe -resource command and checking the VCS resource log

D. haprobe -resource command and checking the VCS engine log

Answer: B

12. AutoStartList is dependent on which service group attribute?

A. SystemList

B. SystemPolicy

C. FailoverList

D. FailoverPolicy

Answer: A

13. During VCS configuration, the VCS notifier is to be configured to send messages to the SNMP console named snmpserv. Which two additional pieces of information are needed to configure the notifier

for SNMP? (Choose two.)

A. the location of the SNMP VCS MIB

B. the port number to use on the console

C. the e-mail address of the user to whom to send traps

D. the severity of messages to send to the console

E. the user name on the system in which to send the messages

Answer: BD

14. What are two functions of service group dependencies? (Choose two.)

A. provide a mechanism by which service groups can fail over based on network bandwidth availability

B. control VCS user parameters following events like faults, auto group start, and system shutdown

C. provide a mechanism by which two service groups can be linked by rules similar to the way that resources are linked

D. provide a mechanism by which two service groups can change their resource structure during failover

E. control where VCS brings a group online following events like faults, auto group start, and system shutdown

Answer: CE

15. How many systems in the cluster can the NotifierMngr run on at one time?

A. 1

B. 2

C. 4

D. an unlimited number

Answer: A

16. What is the maximum number of levels a group dependency tree can have?

A. two

B. three

C. four

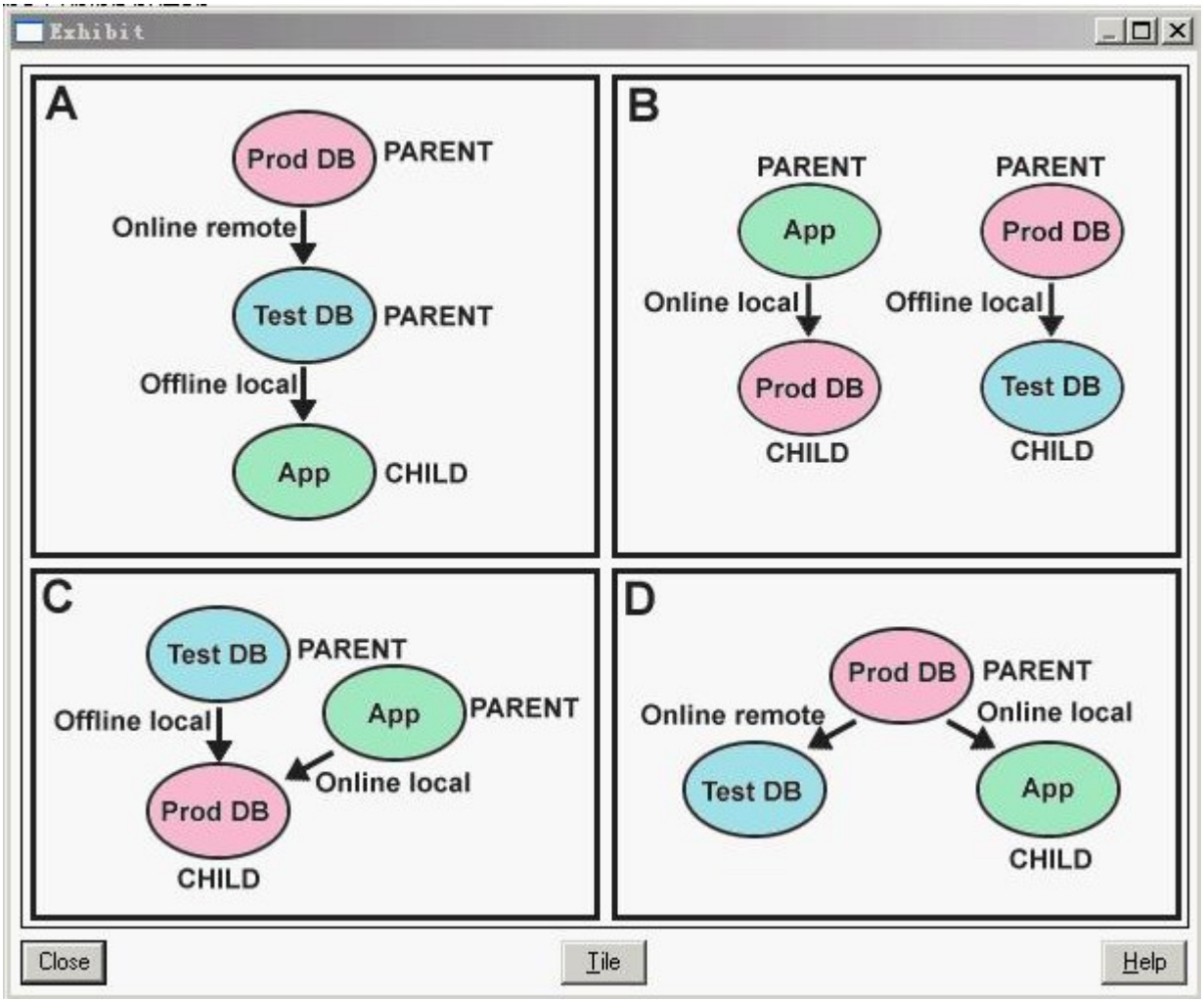
D. two sets of two levels

Answer: B

17. Click the Exhibit button.

There is a two-system cluster with an application that must run on the same system as the production database. A test database runs on the other system. If the production database fails then the test database must be taken offline, and the production database must be started on the failover system.

Which diagram shows the service group dependencies that represent this failover behavior?



A. Diagram A

B. Diagram B

C. Diagram C

D. Diagram D

Answer: C

18. Which gabconfig -a output indicates that systems 0, 1, and 2 have established cluster membership and shows that the HAD process is also active on all systems?

A. GAB Port Memberships

==========

Port a gen a3640003 membership 123

Port h gen fd570002 membership 123

B. GAB Port Memberships

==========

Port a gen a36e0003 membership 01

Port a gen a36e0003 jeopardy 1

Port h gen fd570002 membership 01

Port h gen fd570002 jeopardy 1

C. GAB Port Memberships

==========

Port a gen a3640003 membership 123

Port h gen fd570002 membership 12

Port h gen fd570002 visible ; 3

D. GAB Port Memberships

==========

Port a gen a3640003 membership 012

Port h gen fd570002 membership 012

Answer: D

19. Which VCS bundled agent can be used to mirror the state of a NIC resource to another service group?

A. Proxy

B. Phantom

C. IPMultiNIC

D. MnicReflect

Answer: A

20. In which service group are the resources for the Cluster Manager Web console found?

A. WebService

B. WWWService

C. ClusterService

D. ClusterWeb

Answer: C

21. All of the systems in a VCS cluster have two private heartbeat links and are connected to the public network, but the cluster does not have any available shared disks. What would DECREASE the chances of the cluster from entering jeopardy?

A. disk heartbeats

B. a service group heartbeat

C. a low-priority heartbeat

D. multiplexed heartbeats

Answer: C

22. Which command is used to verify that GAB is active on a cluster system?

A. gabstat -v

B. gabstat -a

C. gabconfig -v

D. gabconfig -a

Answer: D

23. A noncritical resource unexpectedly goes offline in an online service group on the SysA system. You have default settings for all other attributes in the group. What will be the state of the service group on SysA?

A. OFFLINE

B. ONLINE

C. PARTIAL_ONLINE

D. ADMIN_WAIT

Answer: C

24. An application uses static data that is currently stored on each system's local disks. VCS needs to start this application on multiple systems at the same time. Which VERITAS product feature or attribute allows for the same application to simultaneously be started on different systems?

A. VERITAS FlashSnap

B. the online local dependency

C. the parallelstart group attribute

D. parallel service groups

Answer: D

25. What are three components of a VCS Service Group? (Choose three.)

A. dependencies

B. heartbeats

C. resources

D. the system list

Answer: ACD

26. Which statement is true about configuring the child and parent relationships among the resources in a service group?

A. The parent resources require the child resources.

B. Child resources can only have three parent resources.

C. The child resources require the parent resources.

D. Parent resources can only have three child resources.

Answer: A

27. Which two statements describe the correct configuration of Exchange in a VCS cluster? (Choose two.)

A. Active/Passive with two systems and a single Exchange instance

B. Active/Active with two systems and three Exchange instances

C. Active/Active with four systems each running multiple Exchange instances

D. Any-to-Any with six systems where four systems each have a single Exchange system and two systems are designated failover targets

Answer: AD

28. What are two valid settings for FailOverPolicy? (Choose two.)

A. Priority

B. RoundRobin

C. Order

D. Failover

Answer: AB

29. What is the maximum number of Exchange Service Groups that can run concurrently on the same VCS cluster system?

A. 1

B. 2

C. 3

D. 4

Answer: A

30. You want to configure a resource to NOT initiate a group failover if the resource faults. Which attribute setting accomplishes this?

A. FailServiceGroup = 0

B. FaultServiceGroup = 0

C. Fault = No

D. Critical = 0

Answer: D