# ST0-12W

# Veritas Cluster Server 5 for Windows (STS)

**Version 4.1**

# ST0-12W

**Topic 1, Volume A**

## QUESTION NO: 1

Which Veritas Cluster Server component corresponds to hardware or software components of an application service?

A. resource

B. service group

C. hybrid group

D. dependency

**Answer:** A

## QUESTION NO: 2

What are three possible types of Veritas Cluster Server service groups? (Choose three.)

A.      Failover

B.      Hybrid

C.      Parallel

D.      Singlenode

E.      OnOnly

**Answer:** A, B, C

**QUESTION NO:** 3

Which Veritas Cluster Server component is a template that defines the characteristics or attributes needed to define an individual component of an application service?

A. resource type

B. resource

C. agent scripts

D. service group

**Answer:** A

**QUESTION NO:** 4

What is the purpose of the hashadow process?

A. restarts the HAD process if it exits unexpectedly

B. tracks cluster membership

C. autostarts GAB and LLT

D. shadows and logs all HAD activities

**Answer:** A

**QUESTION NO:** 5

What is the Veritas Cluster Server service that maintains resource configuration and state information?

A. had

B. hastate

C. haconf

D. hacf

**Answer:** A

**QUESTION NO:** 6

You are the administrator of a set of three two-system Veritas Cluster Server clusters. You have been asked to create a design for changing this set to a single cluster of six systems. Which component will need to be replaced if it exists in the current cluster?

A. crossover heartbeat cables

B. VLAN-based heartbeats

C. failover service groups

D. Clustered Volume Manager

**Answer:** A

**QUESTION NO:** 7

A proposed Veritas Cluster Server configuration calls for two independent clusters, each with two systems. For testing purposes there is insufficient hardware to configure separate private heartbeat links. Which statement is true about sharing the heartbeat networks among the test clusters?

A. They CANNOT be shared as each cluster must always use a separate heartbeat network.

B. They can only be shared if you have shared disks between the clusters.

C. They can be shared if you assign different LLT cluster IDs to each of the clusters.

D. They can be shared if you ensure that all LLT node IDs are unique across the clusters.

**Answer:** C

## QUESTION NO: 8

How can you customize Veritas Cluster Server default behavior to provide an alert whenever there is only one heartbeat in a Veritas Cluster Server cluster?

A. You configure the injeopardy trigger and customize it to perform the required alerting.

B. The preinstalled violation trigger does this; no customization is required.

C. You configure the notifier to execute a customized script to perform the required alerting.

D. You develop a custom resource type and agent to monitor the Veritas Cluster Server heartbeat resources.

**Answer:** A

## QUESTION NO: 9

You are planning to cluster an application using shared storage in a SAN environment. What do you verify before configuring your cluster?

A. Shared storage is visible to all cluster systems.

B. iSCSI driver is loaded properly on all cluster systems.

C. Fibre switch is configured for heartbeat links.

D. Disk groups are configured for LDM backward compatibility.

**Answer:** A

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**QUESTION NO:** 10

You are adding a new system to an existing two-system cluster. The existing cluster uses direct connect heartbeats. What do you recommend be added to the configuration?

A. crossover cables

B. NIC trunking

C. redundant hubs

D. Internet access

**Answer:** C

**QUESTION NO:** 11

Which statement describes a valid notifier configuration?

A. SMTP or SNMP can be configured for each event type, regardless of the severity.

B. Events can trigger either SNMP or SMTP notices, but NOT both.

C. SNMP notices can be configured only for events of type Error and SevereError.

D. SMTP can only be used for Information and Warning events.

**Answer:** A

**QUESTION NO:** 12

During Veritas Cluster Server configuration, the Veritas Cluster Server 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 port number to use on the console

B. the severity of messages to send to the console

C. the location of the SNMP Veritas Cluster Server MIB

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

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

**Answer:** A, B

**QUESTION NO:** 13

Which two actions must you perform before installing Veritas Cluster Server? (Choose two.)

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

B.      identify the Cluster ID of any other Veritas Cluster Server cluster with heartbeat connections on the same subnet

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

D.      verify that all applications that are to be clustered are offline prior to installing Veritas Cluster Server

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

**Answer:** A, B

**QUESTION NO:** 14

You are installing a new VCS 5.0 cluster. You choose to configure the single sign-on feature. Where must the root broker system reside?

A. in the domain

B. in the cluster

C. on the installation system

D. on any networked system

**Answer:** A

**QUESTION NO:** 15

You are collecting information necessary for successfully designing a high availability solution for a company. Which two requirements impact the cluster design? (Choose two.)

A. knowledge of the application

B. single points of failure

C. the maintenance window

D. backup windows

E. location of boot disks

**Answer:** A, B

**QUESTION NO:** 16

You are the administrator of a set of three two-system Veritas Cluster Server clusters. You have been asked to create a design for changing this set to a single cluster of six systems. Which component will need to be replaced if it exists in the current cluster?

A. host-connected SCSI disks containing application data

B. SAN-based disks containing application data

C. parallel service groups

D. I/O fencing

**Answer:** A

**QUESTION NO:** 17

Which practice is contrary to highly available configurations?

A. A cluster system mounts network shares from systems outside of the cluster.

B. Server boot disks are local devices.

C. A cluster system is a server to clients outside of the cluster.

D. Local system storage is configured on the shared disk array.

**Answer:** A

**QUESTION NO:** 18

Which three system configuration items must be verified for Veritas Cluster Server compatibility? (Choose three.)

A.     the operating system and version

B.     the number of NICs on each system

C.     the amount of memory on each system

D.     the number of processors on each system

E.     the number of HBAs

**Answer:** A, B, C