



## Administration of Veritas Storage Foundation™ High Availability 5.0 for Windows Exam Objectives

### SECTION 1

#### Manage Storage with Storage Foundation

- Describe the benefits of Storage Foundation for Windows (SFW).
- Describe the structural characteristics of a disk before and after it is placed under SFW control.
- Describe the benefits and uses of SFW mirrors.
- Describe the benefits of offhost processing with SFW and the flashsnap option.
- Describe how dynamic multipathing works with active-active and active-passive storage arrays.
- Identify the virtual objects that are created by SFW to manage data storage.
- Define RAID levels and volume layouts that can be created by SFW.
- Given a scenario, explain how to manage SFW objects.
- Given a cluster scenario, explain how to manage SFW objects.

### SECTION 2

#### Verify the Environment and Install Software

- Define the prerequisites to install SFW.
- Describe the optional features of SFW.
- Given a scenario, verify that the environment is suitable for SFW and which options would be required.
- Verify the environmental suitability for Storage Foundation High Availability for Windows (SFWHA), the requirements to cluster an application with SFWHA, and/or the process for verifying the installation of SFWHA.
- Given a scenario, describe the methods for installing SFW.
- Describe the process for verifying the installation of SFW.
- Define the prerequisites to install SFWHA.
- Given a scenario, describe the methods for installing SFWHA.

### SECTION 3

#### Configure and Manage Veritas Storage Foundation for Windows High Availability

- Describe the strengths and weaknesses of different cluster configurations.
- Describe intra-cluster communications.
- Describe how to configure and verify a cluster.
- Given a scenario, determine whether a system is configured correctly.
- Describe the configuration and types of notification within SFWHA.
- Describe how to configure a service group.
- Describe the different resources and how to configure them within a service group.
- Given a scenario, describe how resources behave within a service group.
- Given a scenario, describe how service groups behave within a cluster.
- Given a scenario, describe the effects of changes to default resource type definitions.
- Given a scenario, describe the procedure for modifying a running cluster.

### SECTION 4

#### Perform Advanced Configuration

- Given a scenario, determine which service group attributes to set.
- Given a scenario, determine which resource type attributes to set.
- Describe trigger locations and roles.
- Given a scenario, determine which failover policy is most appropriate.
- Given a scenario, determine the appropriate SFWHA Enterprise agent.
- Describe uses and implementation of the Veritas Cluster Server (VCS) Simulator.
- Describe how to manage user access to VCS.

## **SECTION 5**

### **Troubleshooting**

- Given a scenario, troubleshoot a service group.
- Given a scenario, troubleshoot SFW objects.
- Given a scenario, troubleshoot intra-cluster communications.
- Given a scenario, troubleshoot common cluster-wide outages.
- Given a scenario, troubleshoot resource fault behavior.
- Given a scenario, troubleshoot DMP option.
- Describe the troubleshooting tools for SFW.
- Describe the troubleshooting tools for SFWHA.

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