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Exam : **E20-814**

Title : Symmetrix Solutions Expert Exam for Storage Administrators

Version : Demo

1.A company's administrator has implemented Symmetrix Access Control. The motherboard in the UNIX host with ADMIN privileges was replaced. After this change, the administrator was unable to issue any Symmetrix Management commands.
What is the next step the administrator should take?
A. Regenerate the Unique ID
B. Reboot the UNIX host
C. Reset the Access Control database
D. Reinstall Solutions Enabler
Answer: A

2.All applications running on an EMC Symmetrix VMAX array are experiencing poor performance.
The environment is characterized by:
-Dissimilar workloads
-Inefficient resource utilization
-Service levels not being met
What can be done to guarantee service levels of business critical applications.?
A. Implement dynamic cache partitioning
B. Balance throughput across ports
C. Re-map devices to evenly map the workload
D. Provision new storage for applications
Answer: A

3.SRDF/EDP is running in Adaptive Copy Disk mode from the source (R1) site to the secondary (R21) site.
Which SRDF mode is permitted between the R21 and the R2 sites?
A. Adaptive Copy Write Pending
B. Adaptive Copy Disk
C. Synchronous
D. Semi-synchronous
Answer: A

4.A company has activated a consistent clone replica of an Oracle database using hot backup mode on February 26th. The Oracle instance continues to run until March 6th. On March 7th, the company realizes that an application problem occurred on February 28th.
What is the most recent point to which the database can be recovered?
A. February 26th
B. February 28th
C. March 6th
D. March 7th
Answer: B

5.A company uses VMware ESXi servers and EMC Symmetrix VMAX storage arrays. The storage administrators use the VMware vSphere client on their Microsoft Windows desktops to manage the environment. They would like to use the EMC Virtual Storage Integrator Path Management plug-in.

Which path management activities will this plug-in allow?
A. Set multi-pathing policy for all Symmetrix devices
B. Set multi-pathing policy for individual Symmetrix devices
C. Change the multi-pathing ownership of all Symmetrix devices from NMP to PowerPath/VE
D. Change the multi-pathing ownership of individual Symmetrix devices from NMP to PowerPath/VE
Answer: A

6.A company has a vSphere environment consisting of eight ESXi hosts. Each host is running EMC PowerPath/VE and is connected to multiple FA ports on their Symmetrix. PowerPath/VE will not claim the disk devices presented by their storage array even though the devices are seen by the hosts.
What is the most likely solution?
A. Configure and register the PowerPath/VE license file
B. Check LUN masking on the array
C. Change the PowerPath/VE failover policy to Symopt
D. Uninstall and reinstall PowerPath/VE
Answer: A

7.An Oracle ASM disk group consists of two 50 GB LUNs and is currently in use. The Oracle database requires more storage space and has two 100 GB LUNs available.
What is the recommended way to organize ASM disk groups to make use of additional space?
A. Create a new disk group containing two 100 GB LUNs
B. Extend the current disk group to include the two 100 GB LUNs
C. Create two new disk groups containing one 100 GB LUN each
D. Double the disk group size by extending with one 100 GB LUN
Answer: A

8.A company is planning to migrate their Oracle database to EMC Symmetrix VMAX to support decision support system applications. They would like design guidelines to overcome the existing performance bottlenecks.
What is the key design guideline?
A. Redo logs and archive logs on separate spindles with RAID 5 protection
B. Redo logs and archive logs on the same spindles RAID 5 protection
C. Redo logs and archive logs on the same spindles with RAID 1 protection
D. Redo logs and archive logs on separate spindles with RAID 1 protection
Answer: D

9.A company uses EMC Symmetrix VMAX storage for their VMware vSphere environment. They intend to use SRDF/S for disaster recovery.
What is a consideration when mounting datastores on the remote site after a failover?
A. Keep the existing signature on the replica datastore
B. Assign a new signature to the replica datastore
C. Replica datastore must be mounted as read only
D. Original datastore must be unmounted before the replica datastore can be mounted
Answer: A

10.Storage administrators for an EMC Symmetrix VMAX need to increase allocated storage for Microsoft Exchange LUNs without interrupting its operation. Performing a virtual LUN migration causes a critical nightly clone operation to run for hours instead of minutes. This impacts later dependent jobs, preventing production operations from completing.
How can this impact to the nightly process be minimized?
A. Set a QoS value of 8 for MIR Copy Pace
B. Set a QoS value of 0 for MIR Copy Pace
C. Set SPC value of 1 on the Exchange LUNs
D. Set SPC value of 8 on the clone LUNs
Answer: A

11.A company intends to manage their EMC Symmetrix VMAX array with Solutions Enabler installed on a VMware Virtual Machine (VM). The VM will be hosted on an ESXi server.
What is the requirement with regards to Symmetrix gatekeeper (GK) devices?
A. VM should have access to GKs presented as RDMs in Physical Compatibility mode
B. VM should have access to GKs presented as RDMs in Virtual Compatibility mode
C. ESXi should have PowerPath/VE installed and access to GKs over multiple paths
D. ESXi should have access to GKs and the NMP path selection policy should be set to Round Robin
Answer: A

12.A customer is using Replication Manager using Microsoft Volume Shadow Service (VSS) to backup their Exchange 2010 environment hosted on a Symmetrix VMAX storage array. To improve performance of backup and maintenance tasks, which allocation unit size should be used to format the Exchange database and log volumes?
A. 32K
B. 64K
C. 4096
D. 8192
Answer: B

13.You are planning a cold migration of a virtual machine from one VMFS datastore to another. VAAI hardware acceleration is enabled and both datastores are on the same EMC Symmetrix array.
The virtual machine has RDMs attached to it.
When you perform the cold migration, the virtual disks move to their new location. However, it appears that the RDMs have been converted into virtual disks.
How do you migrate RDM data located on a Symmetrix array?
A. VMAX Virtual LUN Migration must be used
B. Migrate the virtual machine using Storage vMotion
C. Add the new RDM to the guest and manually move data
D. RDM must be presented in Virtual Compatibility mode
Answer: A

14.A company has implemented Microsoft Exchange Server 2010 in an SRDF environment with replicas

being taken at the disaster recovery (DR) site. During testing of this solution, they have failed over Exchange operations to the DR site. The Exchange mailbox server appears to come online, but user mailboxes are inaccessible. The Exchange Management Console shows all mailboxes marked with a small red "x" over the mailbox icons.
Which course of action will resolve this issue?
A. Ensure the Exchange mailbox server at the DR site can communicate with an Active Directory Domain Controller
B. Recover the database from the clone copies available at the DR site
C. Ensure that the World Wide Web service on the Exchange server at the DR site has started successfully
D. Recover the database from the remote clone copies available at the primary site
Answer: A

15.Some applications running on an EMC Symmetrix VMAX array are experiencing poor performance. A performance analysis reveals the following:
- Write response time is impacted
- Heat Map shows low front
- end utilization
- Heat Map shows high back-end utilization
What is the potential problem?
A. Logical volume write pending limit has been reached
B. System-wide write pending limit has been reached
C. Flexible dynamic cache partitioning has been implemented
D. Static dynamic cache partitioning has been implemented
Answer: A