

Exam4Test E20-863 Exams

EMC Networked Storage-NS Expert Exam Implementation Engineers



Practice Exam: E20-863

Exam Number/Code: E20-863

Exam Name: Networked Storage-NS Expert Exam Implementation Engineers

Questions and Answers: 112 Q&As

Exam Description

Order : [E20-863 Exam](#)

1. Exam4Test offer free update service for three month.

After you purchase our product, we will offer free update in time for three month.

2. High quality and Value for the E20-863 Exam.

Exam4Test **Practice Exams** for E20-863 are written to the highest standards of technical accuracy, provided by our certified subject matter experts and published authors for development.

3. 100% Guarantee to Pass Your **EMC Certification** exam and get your **EMC Certification Certification**.

We guarantee your success in the first attempt. If you do not pass the **EMC Certification** "E20-863" (Networked Storage-NS Expert Exam Implementation Engineers on your first attempt, send us the official result. We will give you a FULLY REFUND of your purchasing fee and send you another same value product for free.

4. Exam4Test EMC Certification E20-863 Exam Downloadable.

Our PDF or Testing Engine Preparation Material of EMC Certification E20-863 exam provides everything which you need to pass your exam. The EMC Certification Certification details are researched and produced by our Professional Certification Experts who are constantly using industry experience to produce precise, and logical. You may get "E20-863 exam" questions from different websites or books, but logic is the key. Our Product will help you not only pass in the first Networked Storage-NS Expert Exam Implementation Engineers(EMC Certification) exam try, but also save your valuable time.

Comprehensive questions with complete details about E20-863 exam.

E20-863 exam questions accompanied by exhibits. Verified Answers Researched by Industry Experts and almost 100% correct.

Drag and Drop questions as experienced in the Real EMC Certification exam. E20-863 exam questions updated on regular basis.

Like actual EMC Certification Certification exams, E20-863 exam preparation is in multiple-choice questions (MCQs). Tested by many real EMC Certification exams before publishing.

Try free EMC Certification exam demo before you decide to buy it in <http://www.Exam4Test.com>

High quality and Valued for the E20-863 Exam: 100% Guarantee to Pass Your E20-863 exam and get your EMC Certification Certification. Come to <http://www.Exam4Test.com> The easiest and quickest way to get your EMC Certification Certification.

original topic. With our completed EMC Certification resources, you will minimize your EMC Certification cost and be ready to pass your E20-863 test on Your First Try, 100% Money Back Guarantee included!

E20-863 Exam Study Guide

E20-863 exam is regarded as one of the most favourite [EMC Certification Certifications](#). Many IT professionals prefer to add E20-863 exam among their credentials. Exam4Test not only caters you all the information regarding the E20-863 exam but also provides you the excellent E20-863 study guide which makes the certification exam easy for you.

Exam4Test Engine Features

Comprehensive questions and answers about E20-863 exam

E20-863 exam questions accompanied by exhibits

Verified Answers Researched by Industry Experts and almost 100% correct

E20-863 exam questions updated on regular basis

Same type as the certification exams, E20-863 exam preparation is in multiple-choice questions (MCQs).

Tested by multiple times before publishing

Try free E20-863 exam demo before you decide to buy it in Exam4Test.com

Exam4Test Help You Pass Any IT Exam

[Exam4Test.com](#) offers incredible career enhancing opportunities. We are a team of IT professionals that focus on providing our customers with the most up to date material for any IT certification exam. This material is so effective that we Guarantee you will pass the exam or your money back.

Exam : EMC E20-863

Title : Networked Storage-NS Expert Exam Implemnetation Engineers

1. Click the Exhibit button.

A customer recently configured new network connections on a newly installed Celerra. The customer can access data on all interfaces but is reporting performance problems.

The customer sends you ifconfig outputs from the Celerra and client machines. What could be causing the performance issues?

- A. Celerra is running with packet reflect enabled.
- B. Maximum transmission units are not configured correctly.
- C. Client is running IPv4, which is not supported on the Celerra.
- D. Interface "eng" is on a different VLAN from the other interfaces.

Answer: B

2. Which characteristic has the greatest impact in determining Celerra system performance?

- A. Storage array
- B. Celerra platform
- C. File system layout
- D. Application workload

Answer: D

3. Click the Exhibit button.

A customer would like to better understand how AVM automatically creates file systems.

Given this CLARiiON configuration, how will AVM satisfy the following file system request (assuming no file systems already exist).

nas_fs -n testfs1 -create size=500G pool=clar_r5_performance -option slice=yes

A.A meta is placed on volumes d13, d9, d15, and d11, and a file system is created.

B.d7, d13, d9, and d15 are striped together, a meta is placed on the stripe, and a file system is created.

C.d8, d9, d10, and d11 are striped together, a slice is taken from the stripe, a meta is placed on the stripe, and a file system is created.

D.d8, d14, d10, and d16 are striped together, a slice is taken from the stripe, a meta is placed on the slice, and a file system is created.

Answer: D

4. What does the TCP Receive Window size setting specify?

A.Number of bytes a sender can transmit without receiving an ACK

B.Maximum number of bytes that can be received in a single frame

C.How much memory TCP allocates to store segment data in the router segment queue

D.Number of times TCP will retransmit a connect request (SYN) before aborting the attempt

Answer: A

5. NDMP2Disk has been implemented for a customer.

The customer wants to copy their backups to tape. What must they do?

A.Initiate a cloning process through the backup software.

B.Export the tape set from the VTLU and import it into the physical TLU.

C.Export the file system to the backup server and back up the file system to the tape.

D.Attach a tape drive to the Data Mover with the mounted file system, and run server_archive.

Answer: A

6. In what way does the Alacritech TOE Accelerator Card impact performance in an environment using jumbo frames?

A.Not supported

B.Improved performance

C.Degraded performance

D.No performance impact

Answer: D

7. A customer recently added a new department of approximately 100 people. The new department's data shares were created on the existing Celerra that is currently serving 1,000 users. Now the new users alone are experiencing performance problems when accessing the data shares.

The Celerra is configured with a single, four-port EtherChannel trunk using MAC addressing statistical load balancing. The customer has reported that one of the interfaces in the trunk has three times the packet count of the other ports in the trunk.

What might be causing the performance problem?

A.EtherChannel does not provide the same throughput as LACP.

B.There are not enough ports in the trunk to support the new user network traffic.

C.MAC addressing load balancing does not work correctly because packet reflect is enabled by default.

D.From the Celerra perspective, all new user network traffic appears to be from the same client MAC address.

Answer: D

8. A customer will be adding an ATA shelf for backup to disk operations. You suggest that they configure the shelf with RAID 3 groups.

Which shelf configuration is a valid option?

A.

B.

C.

D.

Answer: B

9. After implementing several File Retention Capable File Systems (CWORM) on a Celerra, several employees have

tried unsuccessfully to delete some of the files saved.

They then approached the system administrator to delete these files.

What is the first procedure that must be completed before the files can be deleted?

- A. Map the file system.
- B. Change the state to CLEAN.
- C. Change the state to DELETE.
- D. Change the state to EXPIRED.

Answer: D

10. A customer would like to add a NAS head to an existing CLARiiON array. The utilization of all of the disks in the array is roughly 50%. Navisphere Analyzer reports that the read throughput is typically equal to the cache hit. No forced flushing is occurring. The workload on the hosts that are using the array is large, sequential read I/O. You have been asked what the performance implications would be of adding the NAS device to the existing SAN. What is your response?

- A. In general, if the utilization of the disks is less than 85%, the addition of the NAS head should not degrade performance.
- B. Since forced flushing is not occurring, and the current applications are sequential in nature, the NAS head should not degrade performance.
- C. The NS will not degrade the performance of the existing SAN since a typical NAS workload consists of 80% sequential I/O, and 20% random I/O.
- D. A typical NAS workload could severely disrupt a sequential workload. Add the NAS to the CLARiiON only if the workloads are on different spindles.

Answer: D

11. A customer would like to try and maximize cache utilization when using their sequential read application via their Celerra to their CLARiiON storage array. They have set a prefetch value of N=2. Their file systems are all configured on clar_r5_performance storage pools.

How many more I/Os will be serviced from cache using this value instead of the default value?

- A. 30
- B. 32
- C. 60
- D. 63

Answer: D

12. A customer is going to deploy a Celerra gateway system to a CLARiiON storage array. They are planning to deploy four (4) file systems of 500 GB and five (5) file systems of 10 GB each.

What is the minimum amount of additional storage that needs to be allocated to allow for at least one automatic file system extension operation on all file systems?

- A. ~70 GB
- B. ~74 GB
- C. ~118 GB
- D. ~122 GB

Answer: C

13. A customer recently deployed another antivirus server into their existing environment, increasing the number of external checking servers to three (3). They also added an additional primary Data Mover, increasing the number of active Data Movers to three (3). Some tuning on their Data Mover parameters was done and their performance is less than was expected with the additional server.

You investigate the CAVA parameters and find that the customer has adjusted the value for the cifs maxVThreads parameter to 25 with all the others remaining at the default values.

What is the EMC recommended value for this parameter?

- A. 10
- B. 15
- C. 20

D.The value they used is correct.

Answer: C

14. You have configured a SHARE level security file system, and it has been running for six months. The customer wants to add the HOME directory feature to that file system.

You enable this service and it does not work. Why?

A.The .homedir file is not configured.

B.SHARE level security is not supported with HOME directories.

C.You cannot enable HOME directories on a production file system.

D.Customer does not have the HOME directory license key installed.

Answer: B

15. Click the Exhibit button.

Which stripe volume, v136 or laserct500stripe, would provide better general performance characteristics?

A.v136, because it resides on four different RAID groups and is SP balanced

B.v136, because the capacity of the stripe is much larger than laserct500stripe

C.laserct500stripe, because it resides within RAID group 9 (which is a RAID 5 8+1)

D.Both volumes would provide comparable performance since each contains four FC disk volumes

Answer: A

16. Your NS customer is using the default CLARiiON "prefetch multiplier" and "segment multiplier" settings.

In most cases, what will be the size of the prefetched data for the Celerra?

A.16 KB

B.32 KB

C.64 KB

D.128 KB

Answer: B

17. Click the Exhibit button.

A customer is using Celerra Replicator. For maintenance purposes, the customer must fail over their production FS to the remote site. After a successful failover, the customer is unable to access their share on the remote site.

What is a possible reason that the customer is unable to access the share?

A.The local cache on the Windows client needs to be updated.

B.There are still outstanding delta sets in the secondary SaVol.

C.Production FS is mounted to a different mountpoint on the remote site.

D.The customer is using internal usermapper as a secondary service instead of as a primary service.

Answer: C

18. A customer would like to try and maximize cache utilization when using their sequential read application via their Celerra to their CLARiiON storage array. They have set a prefetch value of N=2. Their file systems are all configured on clar_r5_performance storage pools.

How much more data will be prefetched using this value instead of the default value?

A.32 KB

B.64 KB

C.480 KB

D.512 KB

Answer: C

19. A customer uses quotas on existing Windows server and wants to implement tree quotas on their new Celerra.

The data is strictly home directories with no .pst files.

Which tool would you use to migrate this file system from the Windows server to the Celerra?

A.After creating tree quotas use fscopy to migrate data

B.CDMS assigning tree quotas once data is migrated

C.After creating tree quotas use emcopy to migrate data

D.Celerra Replicator assigning tree quotas once data is replicated

Answer: C

20. Click the Exhibit button.

A customer is experiencing poor performance when accessing data from the Celerra CIFS shares. SRT, or Service Response Time, is the time it takes the server to send the reply.

What conclusion can be made given the Ethereal capture shown?

A.Average SRT for read is too high.

B.Average SRT for writes is too high.

C.Maximum SRT for writes is too low.

D.Minimum of write SRT is not acceptable.

Answer: B

[More E20-863 Information](#)

Related E20-863 Exams

[E20-001](#) Storage Technology Foundations (Information Storage and Mgmt)

[E20-616](#) Symmetrix Installation and Troubleshooting Specialist

[E20-011](#) Storage Networking Design and Management

[E20-361](#) Network Attached Storage (NAS) Implementation Exam

[E20-351](#) Storage Attached Network (SAN) Specialist Exam

[E22-280](#) Avamar Backup and Data Deduplication Exam

[e20-850](#) CLARiiON Implementation Engineer Expert

[E20-501](#) Commercial Storage & Info Infrastructure Exam for Tech Archs

[E20-485](#) Content Management Application Architecture Exam

[E20-611](#) CLARiiON Installation and Troubleshooting Specialist

[E20-475](#) Content Management Systems Architecture

[e20-845](#) Business Continuity Expert Exam for Implementation Engineers

[E20-120](#) EMC Content Management Foundation Exam (CMF)

[E20-455](#) Content Management Web Application Programming Exam

[e20-822](#) CLARiiON Solutions Expert Exam for Storage Administrators

[E20-465](#) Content Management System Administration

[E22-201](#) Mainframe Local Replication Exam

[e20-617](#) DMX Migration

[E20-331](#) Symmetrix Business Continuity Implementation Exam for I.E.s

[e20-661](#) Networked Storage-NAS Installation and Troubleshooting Exam

Other EMC Exams

[e20-510](#) [E20-590](#) [e20-860](#) [e20-580](#) [e20-522](#) [E20-097](#) [e20-040](#) [E20-120](#)

[e20-070](#) [E20-405](#) [e20-530](#) [E22-280](#) [e20-380](#) [E22-250](#) [e20-540](#) [e20-855](#)

[e20-520](#) [E20-011](#) [E20-863](#) [E20-381](#)