

**Exam : E22-290**

**Title : EMC Data Domain Deduplication,  
Backup and Recovery Exam**

**Version : Demo**

**<http://www.test4actual.com>**

UPTIME= 06:08:46 up 93 days, 16:34, 0 users, load average: 2.69, 2.73, 2.64  
 Filesystem has been up 93 days, 16:24.

```

===== SERVER USAGE =====
Resource          Size GiB  Used GiB  Avail GiB  Use%  Cleanable GiB*
-----
/backup: pre-comp -      507993.8 -      -      -
/backup: post-comp 31934.0 31681.6   252.3   99%    557.2
/ddvar             189.0    6.9      172.5   4%
  
```

\* Estimated based on last cleaning of 2011/01/25 21:03:02.Filesys Compression

```

-----
From: 2011-01-24 06:00 To: 2011-01-31 06:00
      Pre-Comp Post-Comp Global-Comp Local-Comp Total-Comp
      (GiB)    (GiB)    Factor      Factor      Factor
      (Reduction %)
-----
Currently Used: 507993.8 31681.7 - - 16.0x (93.8)
vWritten:*
Last 7 days 38141.9 2326.4 5.6x 2.9x 16.4x (93.9)
Last 24 hrs 1444.9 198.8 2.5x 2.9x 7.3x (86.2)
-----
  
```

Based on the exhibit, What is the total aggregate compression factor on the EMC Data Domain system?

- A.7.3x
- B.16.0x
- C.16.4x
- D.93.8x

Answer: B

2.

```

# system show performance 24 hr 1 min
-----Throughput (MB/s)-----
Date      Time      Read Write Repl Network Repl Pre-comp
-----in/out-----in/out-----
2007/02/22 16:48:00  0.0 39.0  0.00/ 0.00  0.00/ 0.00
2007/02/22 16:49:00 55.5  0.0  0.00/ 0.00  0.00/ 0.00
2007/02/22 16:50:00 33.8 21.4  0.00/ 0.00  0.00/ 0.00
2007/02/22 16:51:00  0.0 45.8  0.00/ 0.00  0.00/ 0.00
  
```

When looking at the output from system show performance as illustrated in the exhibit, what does the information outlined in the box represent?

- A.Amount of data written tmemory over 1 minute
- B.Amount of data written tNVRAM over 1 minute
- C.Amount of data written tdisk over 1 minute
- D.Amount of data written tthe network over 1 minute

Answer: D

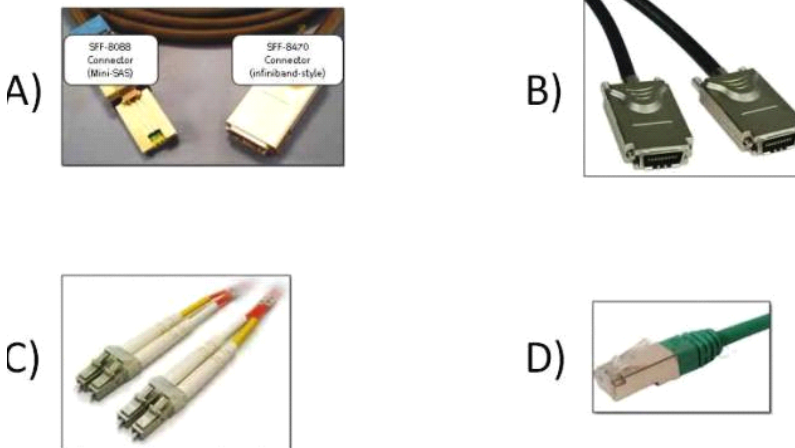
3. On an EMC Data Domain system, what is the role of file system cleaning?

- A.Remove unreferenced segments from physical storage

- B. Eliminate older snapshots if the file system exceeds 90% utilization
- C. Delete data from VTL cartridges that have been marked as expired
- D. Remove all traces of a file resolve classified message incidents

Answer: A

4. As illustrated in the exhibit, which cable connects one EMC Data Domain ES20 expansion shelf to another ES20 expansion shelf?



Answer: B

5.

# system show performance 24 hr 1 min

---Utilization---				Compression		-----Cache Miss-----				
proc	recv	send	idle	gcomp	lcomp	thra	unus	ovhd	data	meta
81%	18%	0%	0%	1.0	1.0	0%	33%	81%	18%	0%
88%	0%	0%	11%	1.0	1.0	0%	0%	31%	0%	0%
79%	10%	0%	9%	8.6	1.0	0%	0%	32%	0%	0%
62%	36%	0%	0%	26.7	1.0	0%	0%	0%	2%	0%

When looking at the output from system show performance as illustrated in the exhibit, what is represented by the value 26.7?

- A. Global compression over 1 hour
- B. Gz compression over 1 minute
- C. Global compression over 1 minute
- D. Gz compression over 1 hour

Answer: C

6. Which EMC Data Domain technology allows inline deduplication to occur fast and efficiently?

- A. SISL scaling architecture
- B. Data Domain Data Invulnerability Architecture
- C. DDBoost

D.SATA

Answer: A

7. A customer is implementing an EMC Data Domain system over CIFS using Symantec NetBackup. How would the Data Domain system be configured on the backup server?

A.adv\_file device

B.Jukebox

C.Storage unit

D.Backup-to-diskfolder

Answer: C

8. An organization currently writes backups to an EMC Data Domain system and then creates encrypted copies of their backups on tapes. These tapes are then shipped to a third-party offsite vault

They are now planning to deploy a second Data Domain system to a secure data center at their corporate headquarters as a replication target to replace the use of the offsite tapes. The two sites are connected through the Internet

Where should encryption be applied on the Data Domain systems to ensure a similar level of data security as achieved by their current process?

A.Encrypt the data at rest

B.Encrypt the replication context

C.Encrypt the data at rest and the replication context

D.Encryption is not required

Answer: B

9. What is the default behavior for messages log files in an EMC Data Domain system?

A.Every day at 06:00 a new log file is opened and the previous log file is deleted

B.Every Sunday at 03:00 a new log file is opened and the previous log file is deleted

C.Every Sunday at 03:00 a new log file is opened and the previous log file is renamed

D.Every day at 06:00 a new log file is opened and the previous log file is renamed

Answer: C