E20-598 Q&As

Backup and Recovery - Avamar Specialist Exam for Storage Administrators

Pass EMC E20-598 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.leads4pass.com/e20-598.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by EMC Official Exam Center

QUESTION 1

By default, how many simultaneous client connections are supported by an EMC Avamar Virtual Edition server?

A. 8

B. 27

C. 35

D. 72

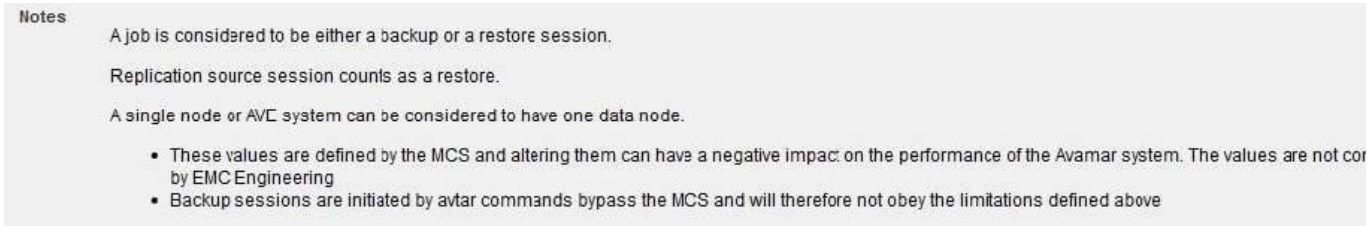
Correct Answer: A

Avamar Desktop/Laptop environments include more clients than traditional Avamar systems. The Avamar Administrator server allows a maximum of 72 concurrent backup connections for each active storage node. The Avamar server reserves one connection for restores.

The total number of client connections which can be made to the Avamar server will vary according to which operations are currently running, how the connection is made and the number of data nodes which are online.

Various parameters in the /usr/local/avamar/var/mc/server_data/prefs/mcserver.xml file govern this behavior.

The number of concurrent jobs for the whole grid will not exceed max_current_jobs.


Notes

A job is considered to be either a backup or a restore session.

Replication source session counts as a restore.

A single node or AVE system can be considered to have one data node.

- These values are defined by the MCS and altering them can have a negative impact on the performance of the Avamar system. The values are not cor by EMC Engineering
- Backup sessions are initiated by avtar commands bypass the MCS and will therefore not obey the limitations defined above

AVE 7 is#

```
</node>
<node name="wo">
  <map>
    <entry key="use priority aging" value="true" />
    <entry key="enforce max backup label len" value="true" />
    <entry key="adhoc snapup retry limit" value="3" />
    <entry key="no work response sec" value="60" />
    <entry key="use backup window priority" value="false" />
    <entry key="dynamic sleep" value="true" />
    <entry key="emit cacheprefix for datasets" value="false" />
    <entry key="backup window increment" value="2" />
    <entry key="completed job retention hours" value="72" />
    <entry key="replicator no work sleep" value="15" />
    <entry key="userinfo fetch enable" value="true" />
    <entry key="pageable no work response sec" value="240" />
    <entry key="max completed job entries" value="5000" />
    <entry key="backup window num periods" value="3" />
    <entry key="use client mcsaddr as hfsaddr" value="true" />
    <entry key="percent of gsan maxconn" value="75" />
    <entry key="green list update sec" value="30" />
    <entry key="enforce backup window" value="true" />
    <entry key="enforce backup end time" value="true" />
    <entry key="priority aging delay sec" value="60" />
    <entry key="vcb proxy no work sleep" value="15" />
    <entry key="proxyDirectivesXslFile" value="lib/proxyDirectives.xslt" />
    <entry key="no progress timeout min" value="15" />
    <entry key="sched snapup retry limit" value="3" />
    <entry key="percent of max concurrent jobs hfscheck" value="10" />
    <entry key="percent of max concurrent jobs" value="90" />
    <entry key="max green list iter" value="5" />
    <entry key="cancel normal window min" value="5" />
    <entry key="cancel extended window min" value="15" />
    <entry key="max concurrent jobs" value="500" />
  </map>
</node>
```

Multiple Avamar proxies can be deployed across a virtual infrastructure to optimize the s
efficiency of data protection. Irrespective of the number of proxies, they all share a single
data that is synchronized across proxies and the Avamar server. These virtual applia
deployed from a packaged OVA file in a matter of minutes, and can be deployed at strategic
or on each hypervisor node in the cluster to reduce the amount of IO and data transmissior
virtual infrastructure. Each proxy in an Avamar infrastructure can handle 8 simultaneous
with up to 48 proxies simultaneously executing backups under the management of a singl
Server (384 concurrent backups). Backups and restores are automatically load-balance
multiple Avamar proxies within the virtual infrastructure ensuring that simultaneous b
maximized. In other words, a VM backup workload will be assigned to a non-busy proxy any
the cluster. Given the high speed and minimal data transmission of Avamar backup, this
possible to capture backups for many thousands of virtual machines within a single
infrastructure managed by a single Avamar server (or Redundant Array of Independent Nod

```
<map>
  <entry key="use priority aging" value="true" />
  <entry key="enforce max backup label len" value="true" />
  <entry key="adhoc snapup retry limit" value="3" />
  <entry key="no work response sec" value="60" />
  <entry key="use backup window priority" value="false" />
  <entry key="dynamic sleep" value="true" />
  <entry key="backup window increment" value="2" />
  <entry key="emit cacheprefix for datasets" value="false" />
  <entry key="completed job retention hours" value="72" />
  <entry key="pageable no work response sec" value="240" />
  <entry key="max completed job entries" value="5000" />
  <entry key="backup window num periods" value="3" />
  <entry key="max jobs per node" value="30" />
  <entry key="green list update sec" value="30" />
  <entry key="enforce backup window" value="true" />
  <entry key="enforce backup end time" value="true" />
  <entry key="priority aging delay sec" value="60" />
  <entry key="vcb proxy no work sleep" value="15" />
  <entry key="proxyDirectivesXslFile" value="lib/proxyDirectives.xslt" />
  <entry key="no progress timeout min" value="15" />
  <entry key="sched snapup retry limit" value="3" />
  <entry key="percent of max concurrent jobs hfscheck" value="10" />
  <entry key="percent of max concurrent jobs" value="90" />
  <entry key="max green list iter" value="5" />
  <entry key="cancel normal window min" value="5" />
  <entry key="cancel extended window min" value="15" />
  <entry key="max concurrent jobs" value="480" />
</map>
```

Assisted Ref# https://emc--c.na5.visual.force.com/apex/KB_HowTo?id=kA0700000004Nlp

QUESTION 2

In EMC Avamar, what is the default setting for the checkpoint retention policy?

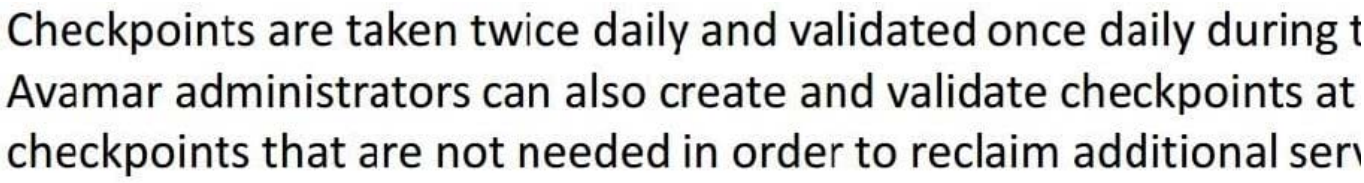
A. Retain the last two checkpoints and the last validated checkpoint

B. Retain the last two checkpoints and the last two validated checkpoints

C. Retain all checkpoints for the last three days

D. Retain the last five checkpoints and three validated checkpoints

Correct Answer: A



QUESTION 3

Which port is used by EMC Avamar for Management Console Database access?

A. 5555

B. 7778

C. 7781

D. 8443

Correct Answer: A

Port	Protocol	Service name	Source	Additional information
139	TCP	NETBIOS Session Service	Avamar proxy	Used for Avamar proxy communication.
161	TCP	SNMP	Data Domain system	This is the getter/setter port for SNMP objects from a Data Domain system. Required when storing Avamar client backups on a Data Domain system.
443	TCP	HTTP protocol over TLS/SSL	• Web browser clients • Reverse proxy web server • AvInstaller • Avamar Downloader Service host	Provides web browsers with HTTPS access to Avamar services. A reverse proxy web server can be used to limit access to this port.
700	TCP/UDP	Login Manager	• Web browser clients • Reverse proxy web server	
1080	TCP	3ware RAID management	Web browser clients	All nodes with legacy Axion-M or Axion-E hardware only. Only allow access from trusted administrator computers.
1234	TCP	Avamar installation utility HTTPS	Web browser clients	Only open this port for installation of the Avamar software. Only permit access from trusted administrator computers used during software installation. **Notice:** Close this port when installation of the Avamar software is complete. Avamar services do not listen on port 1234.
5555	TCP	PostgreSQL administrator server	• Utility node running Avamar Client Manager • PostgreSQL administrator client computers	Only open this port if you manage the Avamar server using Avamar Client Manager or if you must manage the PostgreSQL database from a remote computer. Limit access to trusted administrator computers.

QUESTION 4

A customer is unable to connect to their EMC Avamar server when using the Avamar Administrator GUI. If default settings are being used, which port must be open for a successful connection?

A. 5555

B. 7778

C. 8443

D. 8080

Correct Answer: B

Avamar utility node required ports

The following table describes the listening ports that must be open on an Avamar utility node or single-node server. For each row in Table 29, the listed port on the utility node or single-node server is the destination.

Table 29 Required ports on an Avamar utility node or single node server (page 1 of 3)

Port	Protocol	Service name	Source	Additional information
7778	TCP	RMI	Avamar Administrator management console	Limit access to trusted administrator computers.

QUESTION 5

An EMC Project Manager asks you to provide a deliverable that documents all details of an EMC Avamar server implementation. Which deliverable is used?

A. TS-Kit Configuration Guide

B. TS-Kit Test Plan

C. SVC Qualifier

D. Statement of Work

Correct Answer: A