

C_HANATEC_17

1. What are the advantages of the DMO procedure? There are 3 ✓ answers to this question.

DMO is an inplace procedure by default, keeping the application server host. ✓

DMO allows an easy reset during the procedure. ✓

DMO allows a lower target release on SAP HANA database.

DMO combines several steps into one procedure. ✓

2. Which of the following system privileges can you assign to an SAP HANA database user? Note: There are 3 ✓ answers.

CREATE ANY ✓

EXPORT ✓

EXECUTE

CREATE SCHEMA ✓

DEVELOPMENT

3. Which prerequisites of the primary system and the secondary system are mandatory before you can activate the SAP HANA system replication with the read-enabled mode? Note: There are 2 ✓ answers.

The same number of active hosts and standby hosts must be installed

Both must have the same SAP HANA version ✓

An explicit read-only connection between both systems must be available ✓

The CPU architecture must be identical

4. What additional action do you need to perform after you created a new tenant in an SAP HANA system replication configuration? Please choose the ✓ answer.

Back up tenant database ✓

Copy tenant database.

Start tenant database.

Restart secondary system.

5. Which rules should you consider when creating a table distribution plan for SAP Business Suite on SAP HANA to get the best possible results?

There are 2 ✓ answers to
Keep all partitions on different hosts.
Keep the number of partitions per table high. ✓
Keep the number of partitioned tables low.
Keep the number of key columns low. ✓

6. Which SAP HANA database service can you stop from the system database? There are 2 ✓ answers to this question

Preprocessor ✓
XS Engine
Index server
Compile server ✓

7. A technical user is required when you register an SAP HANA system as a resource in SAP HANA cockpit 2.0.

Which system privileges do you assign to the technical user account on the target system?

CATALOG READ ✓
DATA ADMIN
MONITOR ADMIN
USER ADMIN

8. How can you perform a complete back up of an SAP HANA database system? Please choose the ✓ answer.

Back up the system database and all tenant databases individually. ✓
Back up the system database and all tenant databases in one step.
Back up the complete database system.
Backup the complete storage system.

9. You need to recover a tenant database backup from SAP HANA system 1 into SAP HANA system 2.

Which activities do you perform to restore the tenant? Note: There are 2 ✓ answers.

Create the tenant in the target database

Recover the tenant with the Initialize Log Area option ✓
Copy the transaction logs to the target database ✓
Start the recovered tenant database

10. Which file systems are supported for the SAP HANA database system?
There are 2 ✓ answers to this question.

GPFS ✓
EXT3 ✓
MPFS
Dxfs

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11. Which role do you need in order to assign users to groups in SAP HANA cockpit? Please choose the ✓ answer.

Cockpit User Administrator
Cockpit User
Cockpit Resource Administrator
Cockpit Administrator ✓

12. In a calculation view, what should you consider when you create an input parameter that derives its value from a user-defined function? There are 2 ✓ answers to this question.

The input parameter must be set to mandatory.
The function can return multiple values.
The function must be of the type scalar. ✓
The generated value can be overwritten at runtime. ✓

13. Which migration features are supported when using the Database Migration Option (DMO) feature of SAP Software Update Manager (SUM)?
There are 2 ✓ answers to this question.

The source and target database system are of the same type
The Primary Application Server can be moved to a target system
Landscape ✓
The target database is SAP Adaptive Server Enterprise (ASE) ✓
The source system is Application Server (AS) Java-base

14. Which system privilege must you have to manage black listed parameters in SAP HANA cockpit? Please choose the ✓ answer.

DATABASE ADMIN

WORKLOAD ADMIN

INIFILE ADMIN ✓

RESOURCEADMIN

15. You created data and log backups on the file system. Due to a hardware failure, you use the Recover Database app in SAP HANA cockpit 2.0 to recover the crashed SAP HANA database.

From which location does the Recover Database app read the recovery information by default?

\$(DIR_INSTANCE)/<hostname>/trace

\$(DIR_INSTANCE)/backup/data

\$(DIR_INSTANCE)/../global/hdb/custom/config

\$(DIR_INSTANCE)/backup/log ✓

16. You register a new resource in SAP HANA cockpit 2.0.

What prerequisite does the resource require?

A user with CATALOG READ privileges and SELECT on _SYS_STATISTICS schema ✓

A user with DATA ADMIN privileges and SELECT on _SYS_TELEMETRY schema

A multitenant configuration with SYSTEMDB

The target database on SAP HANA 2.0 SPS00 or higher

17. Reloading column tables in this way restores the database to a fully operational state more quickly.

However, it does create performance overhead, and may not be necessary in nonproductive systems, how can you deactivate the the reload feature?

Please choose the ✓ answer.

Edit the indexserver.xml file by setting the reload_tables parameter in the sql section to false

Edit the indexserver.xml file by setting the reload_tables parameter in the sql section to false

Edit the indexserver.ini file by setting the reload_tables parameter in the sql section to true

Edit the indexserver.ini file by setting the reload_tables parameter in the sql section to false ✓

18. Which parameters do you need to change before you can analyse the memory usage of running SQL statements? There are 2 ✓ answers to this question.

memory_tracking ✓

statement_memory_limit

enable_tracking ✓

use_in_memory_tracing

19. Which package of SAP HANA cloud platform provides a vast set of platform services for the most common pattern in software engineering, such as persistence, connectivity, identity and document management?

SAP HANA Infrastructure Services

SAP HANA Enterprise Cloud

SAP HANA AppServices ✓

SAP HANA DBServices

20. After confirming Lock now, which actions are still possible? Choose the ✓ answer

Releasing and importing transport requests via the Transport Manager (SE09) and Transport Management System (STMS)

88Creating and changing application data (e.g. VA01) and user master records SU01) ✓

Developing via ABAP workbench (SE80)

Applying SAP notes via Note Assistant (SNOTE)

21. Which features are provided by the Manage Full System Information Dumps app in SAP HANA cockpit? There are 2 ✓ answers to this question.

Diagnosis information ✓

Runtime environment ✓

End-to-end Trace
SAP HANA minichecks

22. SAP HANA system replication is configured and active between two SAP HANA systems.

After which action must you perform manual steps to synchronize the systems? Please choose the ✓ answer.

A restart of the primary system

A restart of the secondary system

An upgrade of the secondary system

An upgrade of the primary system ✓

23. Which privileges are assigned automatically when you create a technical user during the register resource procedure in SAP HANA cockpit? There are 2 ✓ answers to this question.

SELECT on the _SYS_TELEMETRY schema

RESOURCE ADMIN

SELECT on the _SYS_STATISTICS schema ✓

CATALOG READ ✓

24. Which of the following statements are true about SAP HANA Live?

There are 2 ✓ answers to this question.

SAP HANA Live for SAP Business Suite focuses on Enterprise Data Warehouse cases, and not on live operational reporting.

SAP HANA Live for SAP Business Suite is a Rapid Deployment Solution.

SAP HANA Live for SAP Business Suite is an accelerator.

SAP HANA Live for SAP Business Suite comprises of an Analytical Model. ✓

SAP HANA Live for SAP Business Suite comes with a comprehensive set of predefined models from across the SAP Business Suite. ✓

25. What do you have to consider when you perform a Tailored Data Center Integration (TDI) installation for a productive SAP HANA database system? There are 2 ✓ answers to this question.

Having the data and log volumes on the different disks. ✓

Obtaining the hardware certification from SAP for the existing hardware you are going to use. ✓

Obtaining C_HANATEC_XX Certification.

Having 10 GBit/s for storage zone and 1 GBit/s for internal zone for network connectivity.

26. How can you ensure that a consistent database status is saved using data snapshots? Please choose the ✓ answer.

Trigger a save point.

Create a fullback snapshot.

Create an internal database snapshot. ✓

Execute the hdbbackupdiag tool.

27. How can you shorten the delta merge runtime of a table?

Merge per column

Fully load the delta store into memory

Perform memory-only delta merges ✓

Partition the table ✓

28. You define the parameters for the password policy of an SAP HANA tenant database.

Where are these parameters stored?

indexserver.ini ✓

multidb.ini

global.ini

nameserver.ini

29. Which user management tasks can be performed by a Lightweight Directory Access Protocol (LDAP) server? There are 2 ✓ answers to this question.

User mapping

User creation ✓

Password policy configuration

Role assignment ✓

30. Which application do you use to reset the memory statistics before you analyze a tenant database using SAP HANA cockpit?

Manage Databases

Manage Services ✓

Resource Directory

Performance Monitor

31. Which of the following users are able to start and stop a distributed SAP HANA Database System? There are 2 ✓ Answers to this question.

ROOT user ✓

ADM user ✓

SYSTEM user

32. Which value for the Autostart parameter do you use to control the automatic start of an SAP HANA system? Please choose the ✓ answer.

On

0

Off

1 ✓

33. What is the ✓ sequence of the following four steps in the restart of the SAP HANA database system? Please choose the ✓ answer.

Aborted transactions are rolled back. 2. Open transactions are recovered.

3. Row tables are loaded into memory. 4. Column tables are loaded.

Aborted transactions are rolled back.

Row tables are loaded into memory. 3. Open transactions are recovered. 4.

Column tables are loaded.

Row tables are loaded into memory. 2. Column tables are loaded. 3. Open transactions are recovered. 4. Aborted transactions are rolled back. ✓

Row tables are loaded into memory. 2. Open transactions are recovered. 3.

Aborted transactions are rolled back. 4. Column tables are loaded.

34. How can you optimize the Database Migration Option (DMO) procedure downtime for a production system? There are 2 ✓ answers to this question.

Provide the measured table migration duration data for optimal table sequencing during benchmarking. ✓

Set the optimal number of R3load processes during benchmarking and the DMO procedure ✓

Use the Test Cycle option to find the optimal number of R3load processes in a test run.

Use the benchmarking option to find the optimal throughput during the DMO procedure.

35. Who owns an SAP HANA Deployment Infrastructure (HDI) role? Please choose the ✓ answer.

The SYSTEM user of the tenant database

The user who created the role

The _SYS_REPO technical user

The container-specific technical user ✓

36. What can you check with the SAP HANA Hardware Configuration Check Tool (HWCCT)? There are 2 ✓ answers to this question.

Kernel settings ✓

Network configuration

Memory configuration ✓

Missing OS patches

37. Where can you check the trace and log files when your SAP HANA database is NOT available? There are 2 ✓ answers to this question.

In the /usr/sap/<SID>/HDB<instance number>/<host>/trace path on the operating system ✓

In the Trace app of the SAP HANA Web-based Development Workbench

In the Diagnosis Files app of the SAP HANA cockpit for offline administration ✓

In the Troubleshoot Unresponsive System app of SAP HANA cockpit 2.0

38. Which connection types are allowed when you use system replication with the Active/Active option? There are 2 ✓ answers to this question.

Automatic round-robin statement routing

Explicit read and write on the secondary system

Explicit read only on the secondary system ✓

Implicit hint-based statement routing ✓

39. Which of the following events occur while the merge operation is running? There are 2 ✓ answers to this question.

The content of the first main storage and the committed entries in the first delta storage are merged into the new second main storage.

The content of the complete main storage is persisted to disk. ✓

Uncommitted changes in the first delta storage are rolled back.

All write operations go to the second delta storage. ✓

40. Which certificates can you manage in SAP HANA cockpit 2.0? There are 2 ✓ answers to this question.

Kerberos

SAML ✓

PKCS #12

509

41. You plan to migrate a non-SAP database to SAP HANA using the database migration option (DMO) of the Software Update Manager.

Which advanced DMO options can you adjust to speed up the migration?

There are 2 ✓ answers to this question.

SAPup processes

TP processes

SQL processes ✓

R3trans processes ✓

42. What is a prerequisite when you install the SAP Landscape Management tool? Please choose the ✓ answer.

SAP HANA XS Advanced

SAP NetWeaver Application Server Java ✓

SAP Fiori launchpad

SAP NetWeaver Application Server ABAP

43. Which SQL privileges can you grant to another user?

CREATE SCHEMA

ATTACH DEBUGGER

DATA ADM IN
CATALOG READ ✓

44. Which information can you collect by running the fullSystemInfoDump.py script when the SQL connection is available?

Please choose the ✓ answer

A selection of rows of schema _SYS_XS

A selection of .log files

A selection of .trc files ✓

A selection of rows of schema SAP<SID>

45. In single-host SAP HANA systems, you can use plain attached storage devices, such as Small Computers System Interface hard drives, solid-state drives (SSDs), or storage area networks (SANs).

However, to build a multi-host system with failover capabilities, the storage must ensure which of the following conditions?

There are 2 ✓ answers to this question.

SYSTEM users replaced by standby host

The failed worker host no longer has access to write to files ✓

The standby host has file access ✓

The standby host has access to write to files

46. Which tool do you use to investigate an SAP HANA system that is started but can't be reached using SQL? There are 2 ✓ answers to this question.

HANASitter

hdbcons ✓

HDBAdmin

Sapcontrol ✓

47. What can you directly assign to a user with the Manage Users app in SAP HANA cockpit? There are 2 ✓ answers to this question.

Role collections

Scopes

Roles ✓

Privileges ✓

48. How can you minimize the database migration option (DMO) downtime?

Run the benchmarking tool parallel to the DMO to automatically adjust the number of R3load processes

Use the benchmarking tool for a productive database migration with the DMO procedure

Provide the measured table migration duration for table sequencing during benchmarking

Adjust the number of R3load processes during benchmarking and the DMO procedure ✓

49. When can you load and unload individual tables and table columns manually in an SAP HANA tenant database? There are 2 ✓ answers to this question.

When you need to extend the scale-out memory

When you need to optimize the standby node memory.

When you need to measure total memory ✓

When you need to actively free up memory. ✓

50. A user is complaining about missing privileges when executing a query.

How do you configure the indexserver trace to obtain the missing privileges? Please choose the ✓ answer

Select trace level Warning for the authentication component.

Select trace level Error for the auditing component.

Select trace level Info for the authorization component. ✓

Select trace level Debug for the authenticationcodec component.

51. Which system privileges are required for administrating tenant databases when being connected to the system database? There are 2 ✓ answers to this question.

MONITOR ADMIN

DATA ADMIN

BACKUP ADMIN ✓
DATABASE ADMIN ✓

52. Out of complete SAP HANA platform, which from the following components are not part of SAP HANA Database? There are 3 ✓ answers to this question.

HWCCT
Database Services
Smart Data Access ✓
INA file loader ✓
EPM Services ✓

53. You installed an SAP Netweaver-based application on an SAP HANA database.

What is the default secure user store to store the password of the SAP<schema-id> user?

hdbuserstore ✓
xuser
Secure store in file system (SSFS)
ABAP secure store file system (SSFS)

54. Which best practices do you apply when you optimize the table distribution in a scale-out SAP HANA database? There are 2 ✓ answers to this question.

Table partitions can be distributed over all nodes. ✓
The row store can be distributed over all nodes. ✓
Cross-node joins must be avoided.
The columns of a table can be distributed over all nodes.

55. You need to periodically monitor if the SAP HANA primary system is online.

Which tool do you use?
systemreplicationStatus
HDBAdmin

hanasitter
landscapeHostConfiguration✓

56. Once you start the SAP HANA cockpit 2.0, From the Aggregated Health Monitor, navigate to the SAP HANA system overview pag This page displays the detailed status of the selected SAP HANA system.

Which of the following options are listed? There are 3 ✓ answers to this question.

Monitoring and Administration✓

Performance Management✓

Resource Management

Security✓

Memory Management

57. At the end of the SAP HANA Cockpit 2.0 installations, how can you obtain the URL of the SAP HANA cockpit and the SAP HANA cockpit manager?

Installation log file

COCKPIT_ADMIN user logs

Installation logs screen✓

Installation config screen

58. You created a restricted user in the DB1 database.

Which commands must you use to convert the restricted SAP HANA user to a standard SAP HANA user? There are 3 ✓ answers to this question.

ALTER USER <USERNAME> GRANT ROLE PUBLIC✓

ALTER USER <USERNAME> ENABLE CLIENT CONNECT✓

ALTER USER <USERNAME> ACTIVATE USER NOW

ALTER USER GRANT CREATE ANY ON OWN SCHEMA✓

ALTER USER <USERNAME> ADD REMOTE IDENTITY

59. What are prerequisites for changing the SSFS Master Keys? There are 2 ✓ answers to this question.

You have the system privilege I IN I FILE ADMIN✓

You have the credentials of the Operating system user <sid>adm that was created when the system was installed ✓

You have the credentials of the SYSTEM user

You have the server root privilege INIFILE ADMIN

60. Which option do you choose to protect your SAP HANA scale-out system using host autofailover?

System replication

Automatic savepoint

Storage replication

Standby node ✓

61. Your customer wants to know when the productive SAP HANA system was updated and to which version.

Where do you find this information? There are 2 ✓ answers to this question

In the SAP HANA database explorer for SAP HANA cockpit 2.0

In the catalog view of the SAP HANA Web-based Development Workbench ✓

In the General Information app of SAP HANA cockpit 2.0

In the administration editor of the SAP HANA studio ✓

62. Which target database does the SUM databases migration option provide by default? Note: There are 2 ✓ answers.

SAP MaxDB

SAP ASE ✓

SAP IQ

SAP HANA ✓

63. Which information is stored in the SYSTEMDB of an SAP HANA multitenant database container system? Note: There are 2 ✓ answers.

Topology data on the location of tables and table partitions

Monitoring data in the SYSTEMDB and all tenant databases ✓

Users and authorizations of the SYSTEMDB and all tenant databases

Landscape topology data on the system as a whole ✓

64. Which alert configuration properties can you configure in SAP HANA cockpit? There are 3 ✓ answers to this question.

Schedule period

Email alert notification ✓

Alert checker category ✓

Alert threshold values ✓

Schedule activation

65. What is a characteristic of the Delta Data Shipping operation mode in SAP HANA system replication? There are 2 ✓ answers to this question.

Delta data shipping takes place in addition to continuous log replay. ✓

Delta data shipping takes place with continuous read-only access to the secondary system.

Delta data shipping takes place in addition to continuous log shipping. ✓

Delta data shipping takes place every 5 minutes.

66. Which table partitioning types does SAP HANA support? There are 3 ✓ answers to this question.

Hash ✓

Composite

Range ✓

Round-robin ✓

Cluster

67. Due to a hardware failure of your persistence area, your SAP HANA database needs to be restored.

Which tasks do you perform to recover the complete system? Note: There are 2 ✓ answers.

Start the recovery from the tenant database using SAP HANA cockpit 2.0

Recover all the databases using Initialize Log Area option

Recover the system database before recovering all tenant databases ✓

Start the recovery from the system database SAP HANA cockpit 2.0 ✓

68. Which action do you perform when the data area in an SAP HANA database is running out of space?

Create a new tenant database
Extend the file system size in the operating system level
Extend the size of the database volume
Create a new database volume ✓

69. What are the supported operating systems for SAP HANA on IBM Power Servers? There are 2 ✓ answers to this question.
For SAP HANA 1.0, SUSE Linux Enterprise Server (SLES) 11 SP4 ✓
For SAP HANA 2.0, Red Hat Enterprise Linux (RHEL) 7.2
For SAP HANA 1.0, Red Hat Enterprise Linux (RHEL) 6. 10
For SAP HANA 2.0, SUSE Linux Enterprise Server (SLES) 12 and 15 ✓

70. SAP HANA, in the context of user management, allows you to do which of the following? There are 3 ✓ answers to this question.
Create a restricted user ✓
Assign a user to a user group
Create and delete users ✓
Lock and unlock users ✓

71. What must you do to convert an SAP HANA 1.0 single database system to an SAP HANA 2.0 multitenant database system?
Export/import application and customer data
Upgrade the SAP HANA database system ✓
Execute the SUM database migration option with system move
Create the system database manually

72. Which system privilege must you have to redistribute tables across the hosts in your scale-out system?
OPTIMIZER ADMIN
DATA ADMIN
WORKLOAD ADMIN
RESOURCE ADMIN ✓

73. Which operation is executed before a table is repartitioned?
Savepoint
Delta merge ✓

Snapshot
Reorganization

74. Which actions are always recorded when auditing is active? Note:

There are 2 ✓ answers.

Disable auditing ✓

Grant or revoke user

Modification of an audit policy ✓

Create or drop user

75. Which file system locations are suggested to install an SAP HANA multi-host system? There are 2 ✓ answers to this question.

hana/log/<sid> ✓

/hana/<hostname>

/hana/shared ✓

/hana/<sid>

76. Which script can you trigger from SAP HANA cockpit to collect diagnosis information?

HanaHwCheck.py

fullSystemInfoDump.py ✓

hanachecker.py

hanadumpviewer.py

77. What can you do to shorten the startup time of an SAP HANA system after a reboot?

Flag all columnar tables for preload.

Set the savepoint interval to a lower value. ✓

Set the preload column value in the Tables system table to FUL

Partition the row store across nodes.

78. Which tool do you use during the Database Migration Option (DMO) procedure to monitor table splitting? Please choose the ✓ answer.

The R3LDCTL

The Process Bucket monitor

The Log viewer ✓
The Observer Monitor

79. In the General Licensing Process which of the following statements are true regarding Temporary license keys? There are 2 ✓ answers to this question.

Temporary license keys are manually installed by the SAP HANA system
Temporary license keys are automatically installed by the SAP HANA system ✓

After 28 days, the temporary license expires and the system is locked down ✓

After 90 days, the temporary license expires and the system is locked down

80. You administer a single-host system with 100GB physical memory. The global allocation limit and the individual service allocation limit are set to 90%. Three services are running-Service 1 has 25 GB of memory allocated and service 2 has 40 GB allocated.

What is the effective allocation limit of service 3?

- 100 GB
- 90 GB
- 35 GB
- 25 GB ✓

81. When you use the database migration option reset procedure as a fallback scenario, which of the changes made during the migration are NOT reset? There are 3 ✓ answers to this question.

The SAP ABAP kernel on the application server

The DBACOCKPIT user on the SAP HANA database ✓

The updated BRTOOLS on the non-SAP database ✓

The deleted SAP BusinessObjects Business Intelligence data on the non-SAP database ✓

The shadow schema on the non-SAP database

82. Which SAP HANA features can you use to manage the database peak load? There are 2 ✓ answers to this question.

Admission control ✓
Capture and replay
Thread throttling
Workload classes ✓

83. In which SAP HANA configuration file can you view the assignments of hosts to their scale-out role?

Indexserve.ini
Nameserver.ini ✓
Multidb.ini
Saprofile.ini

84. Which prerequisites of the primary system and the secondary system are mandatory before you can activate the SAP HANA system replication with secondary time travel? There are 2 ✓ answers to this question.

The CPU architecture must be identical. ✓
An explicit read-only connect on between both systems must be available
Both must have the same SAP HANA version. ✓
Both systems are located in the same data center.

85. Which fault recovery features can you implement to make your SAP HANA 2.0 production system more resilient against local hardware errors and software faults? There are 2 ✓ answers to this question.

Service auto-restart ✓
Storage replication
Host auto-failover ✓
Auto log backups

86. You install a productive multi-host system with failover capabilities.

Which storage condition prerequisites must be ensured? Note: There are 2 ✓ answers.

The standby host has file access ✓
The standby host has NO file access
The failed worker host has access to write files
The failed worker host no longer has access to write to files ✓

87. Which of the following actions are audited by default in SAP HANA?

There are 2 ✓ answers to this question.

Deletion of audit entries from the audit trail ✓

Installation of SAP HANA license

Changes to system configuration

Changes to system configuration

Creation, modification or deletion of audit policies ✓

88. You create a new user by copying an existing user.

Which pre-delivered role of the existing user is automatically granted to the new user?

Modeling

Monitoring

Repository ✓

Runtime

89. Which properties can you adjust in SAP HANA Admission Control?

There are 3 ✓ answers to this question.

CPU threshold for rejecting requests ✓

Maximum request queue size ✓

Maximum parallel 10 requests

Memory limit for queuing requests ✓

SQL statement request memory limit

90. What are the prerequisites for using the Web user interface for HDBLCM? There are 2 ✓ answers to this question.

The SAP HANA database is revision 90 or higher ✓

The communication port 1329 is open

Internet Explorer - Version 8 or higher

The communication port 1129 is open ✓

91. To ensure that the database can be restored to the most recent committed state after a restart which of the following Indexserver components make sure such consistency and maintain durable changes?

Storage Engine ✓

Disk Storage
Relational Engines
Request Processing

92. After you start the SAP HANA database, what does the system do to ensure that it is in a consistent mode?

It determines and rolls forward aborted transactions

It rolls back write transactions that were open when the database was stopped ✓

It reloads a savepoint with the restored consistent state of the database

It rolls back changes of committed transactions that were NOT written to the data area

93. Which certificates do you require for a trusted secure communication between the client and the SAP HANA database? Note: There are 2 ✓ answers.

User certificate

Server certificate ✓

509 certificate

Root certificate

94. What do you do to prepare the database migration option of a Software Update Manager procedure? Note: There are 3 ✓ answers.

Move the SPAM update archive into the download folder ✓

Extract the SAP HANA Client installation archive ✓

Move the stack.xml update file into the download folder ✓

Extract the SAP HANA database installation archive

Move the R3trans update archive into the download folder

95. Which tool do you use to backup the root encryption keys?

rsecsfx

hdbuserstore

dbacockpit

hdbnsutil ✓

96. How can troubleshoot HANA installer when its crashes There are 2 ✓
answers to this question.

run hdblcm with the check_installation action

set the environment variable HDB_INSTALLER_TRACE_FILE to the trace
filename ✓

create the directory containing the trace file

activate the debug mode for the database trace