# QUESTIONS & ANSWERS

Kill your exam at first Attempt

**KILL EXAMS**

**Nutanix**

# NCSE-Level-1

*Nutanix Certified Systems Engineer (NCSE): Level 1*

## Question: 13

prospect uses Vmware, Oracle, and Microsoft products for a critical application. The prospect prefers an all flash array because they have significantly invested in servers for their Oracle environment to save on licensing costs.

which feature should be discussed to address this objection?
A. AHV
B. Hyper-V support
C. ABS
D. All flash nodes

**Answer:** C

## Question: 14

A prospects need to refresh their environment but has a very small budget for the project. Four years after their last infrastructure refresh, the prospect's datacenter is only running at 40% utilization. In addition, they have 25 satellite offices. Each office has a requirement to run 4 to 6 VM's locally.

Which two Nutanix platform capabilities should the SE highlight to address the prospect's concerns? (Choose two)
A. Multi-Site Management.
B. Pay as you grow.
C. Automated data storage tiering.
D. Software only.
E. Single node backup.

**Answer:** A,B

## Question: 15

An SE is meeting with a prospect that is refreshing infrastructure in 100 retail locations. Currently the stores use vSphere hosts connected to direct attached storage and are managed by 6 separate vCenter servers. On-site retail staff is unqualified to deal with any hardware break/fix issues.

Which two aspects of Nutanix solution should the SE highlight? (Choose two)
A. Self-healing infrastructure.
B. Data Locality.
C. Prism Central.
D. Cloud Connect.

**Answer:** A,C

## Question: 16

A customer is conceded that IT will not be able to take advantage of Nutanix's frequent feature releases due to the

man hour requirements of maintaining compliance with industry regulatory controls.

Which item should the SE discuss at the next customer visit with IT?
A. Data at Rest Encryption (Software)
B. Two-factor Authentication
C. Security Configuration Management Automation (SCMA)
D. Factory-installed self-encryption drives (SED)

**Answer:** C

Question: 17

A prospect's storage administrator is concerned about deploying Nutanix for their vSphere server virtualization environment due to anticipated increases to data retention for compliance purposes and associated costs.

Which Nutanix feature should an SE discuss to convince the prospect to move forward?
A. Linear scalability by adding more nodes
B. Acropolis Block Services
C. Adding Storage Only nodes
D. Extending storage container with existing SAN storage

**Answer:** B

Question: 18

A prospect is concerned about the suitability and design of using Nutanix for an upcoming Avaya IP Office migration.

Which type of document should the SE provide?
A. Best Practice Guide
B. Reference Architecture
C. Filed Advisory
D. Knowledge Base Article

**Answer:** B

Question: 19

An SE is working with a financial institution prospect on a VDI environment refresh. The institution currently has 5000 named VDI users, with a peak of 2800 concurrent users.

How many VDI VMs does the SE need to size for, factoring in an additional 10% for growth?
A. 2880
B. 3080
C. 5000
D. 5500

**Answer:** B

## Question: 20

A prospect is experiencing disk performance issues in their database environment. The prospect's databases currently run on physical servers and an iSCSI SAN with spinning disks.

Which two Nutanix features should an SE discuss with this prospect to address their disk performance issues? (Choose two)
A. Snapshots
B. Data Locality
C. De-duplication
D. Erasure Coding
E. All Flash Nodes

**Answer:** B,D

## Question: 21

Refer to the exhibit.

***Exhibit is Missing***

Based on the sizing scenario, what level of resiliency can be inferred about the configuration?
A. FTT1
B. N+0
C. N+1
D. N+2

**Answer:** D

## Question: 22

Refer to the exhibit.

| vInfo | vCPU | vMemory | vDisks | vPartitions | vFloppy | vCD | vSnapshots | vCluster | vTools | vRP | vHost |
|-------|------|---------|--------|-------------|---------|-----|------------|----------|--------|-----|-------|

Assuming a prospect is currently using Thick Provisioned virtual disk, at a minimum, which two tabs should be evaluated in an RVTools report to determine required resources for sizing? (Choose two.)
A. vInfo
B. vNetwork
C. vPartition
D. vCluster
E. vDisk

**Answer:** A,C

## Question: 23

A customer needs to expand an existing cluster to accommodate workloads. The workloads require 5TB of storage capacity (1.2TB of working set data), 64GB of memory, and 10 physical CPU cores.

Their current cluster is configured as follows:

• 4x NX-3060-G5 nodes

• Each node is configured with 2x E5-2620v4 processors (8 Cores each), 128GB RAM, 2x 960GB SSDs, and 4x 2TB HDDs

• The cluster is configured as RF2 and is sized for N+1 availability

• Each CVM is configured with 32GB of memory

To maintain optimal metadata balance and data availability, which configuration should be recommended?
A. 2x NX-3060-G5 – 2x E5-2620v4 processors, 128GB RAM, 2x 960GB SSDs, 4x 2TB HDDs
B. 1x NX-6035C-G5 – 2x E5-2620v4 processors, 128GB RAM, 1x 1920GB SSDs, 5x 4TB HDDs
C. 1x NX-3060-G5 – 2x E5-2620v4 processors, 128GB RAM, 2x 1920GB SSDs, 4x 2TB HDDs
D. 3x NX-1065-G5 – 2x E5-2620v4 processors, 128GB RAM, 1x 1920GB SSDs, 2x 4TB HDDs

**Answer:** A

Question: 24

An SE is conducting a first call presentation with their Account Executive and a prospect. The prospect needs to build a private cloud but has been unable to implement the solution in-house, since using their traditional architecture would require integrating server, storage and networking solutions from six different vendors.

The cost and complexity of that approach is too high. Also their current infrastructure is not built for scalability or performance.

The prospect has considered upgrading their traditional server and SAN storage platforms but could not meet requirements for scale and performance using this approach.

In what order should the SE present the critical product and technology portions of the First Customer Presentation to the IT Director?
A. Native convergence of traditional infrastructure.
Scalable distributed system.
Data locality and distributed data.
Application automation with Calm.
Xi Cloud Services.
B. Application automation with Calm.
Xi Cloud Services.
Native convergence of traditional infrastructure.
Scalable distributed system.
Data locality and distributed data.
C. Xi Cloud Services.
Application automation with Calm.
Native convergence of traditional infrastructure.
Scalable distributed system.
Data locality and distributed data.
D. Data locality and distributed data.

Scalable distributed system.
Native convergence of traditional infrastructure.
Xi Cloud Services.
Application automation with Calm.

**Answer:** D

Question: 25

Oracle HCL for Certified Joint Support with Nutanix has Oracle Linux and Oracle VM via iSCSI listed.

What Nutanix feature is used by this certified configuration?
A. OSS
B. AFS
C. ACS
D. ABS

**Answer:** D

Question: 26

A prospects main goal are to replace their mainframe environment, cut their datacenter footprint, and improve disaster recovery for mission critical applications.

Which collection of documents should the SE use to show the prospect how Nutanix can help them reach their goals?
A. Nutanix Bible.
B. Knowledge Base Articles.
C. Case Studies.
D. Best Practices Guide.

**Answer:** D