

Overall Performance



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Individual Responses

▼ Question 1: Correct

You are preparing to install Windows Server 2012 on a new server. The server has the following hardware:

- 2 TB RAM
- 16 64-bit Intel-VT processors
- 10 GB mirrored hard disk for the system partition

You will use the server for the following server roles:

- File and Storage Services
- Print and Document Services
- Windows Deployment Services

You want to select the minimum Windows Server 2012 edition to support the required roles and hardware.

Which edition should you install?

- ☐ Datacenter
- ☐ Essentials
- ☐ Foundation
- ➡ ☒ Standard

Explanation

Select the Standard edition of Windows Server 2012. The Standard or Datacenter edition is required to support more than 2 processors. Windows Server 2012 only supports 64-bit installations. The Standard and Datacenter editions support up to 64 processors and 4 TB RAM.

The Foundation edition supports only one processor and 32 GB RAM. The Essentials edition supports up to 2 processors and 64 GB RAM. All of the server roles that will be installed on the server are supported by all editions; however, you must use the Standard or Datacenter edition to support the number of processors and the total amount of RAM.

References

LabSim for Server Pro 2016, Section 2.1.
[AllQuestions_ServerPro_2017.exm SERVER 12 INST 01]

▼ Question 2: Correct

You are preparing to install Windows Server 2012 on a new server. The server has the following hardware:


- 32 GB RAM
- One quad-core Intel-VT 64-bit processor
- 100 GB mirrored hard disk for the system partition

You will use the server for the following server roles:

- File and Storage Services
- Print and Document Services

You want to select the minimum Windows Server 2012 edition to support the required roles.

Which edition should you install?

-  ☒ Foundation edition
- ☐ Essentials edition
- ☐ Standard edition
- ☐ Datacenter edition

Explanation

Select the Foundation edition of Windows Server 2012. The Foundation edition supports 1 processor and 32 GB of RAM. The Foundation edition can be used for most common server roles.

References

LabSim for Server Pro 2016, Section 2.1.

[AllQuestions_ServerPro_2017.exm SERVER 12 INST 02]

▼ Question 3: Correct

You are preparing to install Windows Server 2012 on a new server. The server has the following hardware:


- 64 GB RAM
- One quad-core Intel-VT 64-bit processor
- 100 GB mirrored hard disk for the system partition

You will use the server for the following server roles:

- DNS Server
- DHCP Server

You want to select the minimum Windows Server 2012 edition to support the required roles.

Which edition should you install?

- ☐ Foundation edition
- ☐ Datacenter edition
-  ☒ Essentials edition
- ☐ Standard edition

Explanation

Select the Essentials edition of Windows Server 2012. The Essentials edition supports up to 2 processors and 64 GB RAM. The Essentials edition can be used for most server roles and role services.

The Standard or Datacenter edition is necessary if the server requires:

- More than 25 simultaneous LAN connections
- Failover clustering
- More than 250 Routing and Remote Access connections
- More than 250 Remote Desktop Gateway connections

References

LabSim for Server Pro 2016, Section 2.1.

[AllQuestions_ServerPro_2017.exm SERVER 12 INST 03]

▼ Question 4: Incorrect

You are preparing to install Windows Server 2012 on a new server. The server has the following hardware:

- 4 TB RAM
- 8 64-bit Intel-VT processors
- 1 TB mirrored hard disk for the system partition

You will install Hyper-V on the server and create seven virtual servers, with each server running Windows Server 2012.

Which Windows Server 2012 edition should you install?

- ☐ Essentials edition
- ☐ Foundation edition
- ☒ ~~Standard edition~~
- ➡ ☐ Datacenter edition

Explanation

Install the Datacenter edition. The Datacenter edition is licensed by the processor and allows for an unlimited number of virtual servers running any edition of Windows Server 2012 (Foundation, Standard, or Datacenter editions).

You cannot install the Standard edition because it only supports two virtual server instances.

References

LabSim for Server Pro 2016, Section 2.1.

[AllQuestions_ServerPro_2017.exm SERVER 12 INST 04]

▼ Question 5: Incorrect

You are preparing to install Windows Server 2012 on a new server. The server has the following hardware:

- 32 GB RAM
- One quad-core Intel-VT processor
- 100 GB mirrored hard disk for the system partition

You will use this server for the DHCP server role and configure the server in a failover cluster with two nodes.

You want to select the minimum Windows Server 2012 edition to support the required roles.

Which editions could you install? (Select two.)

- ☐ Foundation edition
- ➡ ☐ Datacenter edition
- ➡ ☒ Standard edition
- ☒ ~~Essentials edition~~

Explanation

To support failover clustering, use either the Standard or Datacenter editions. The Foundation and Essentials editions do not support failover clustering.

References

LabSim for Server Pro 2016, Section 2.1.

[AllQuestions_ServerPro_2017.exm SERVER 12 INST 05]