

# Module 2 Assessment (SK0-005)

<b>Due</b> Apr 16 at 11:59pm	<b>Points</b> 20	<b>Questions</b> 20
<b>Time Limit</b> 45 Minutes	<b>Allowed Attempts</b> 2	

## Instructions

You have two attempts to take this assessment with the highest score being retained. The assessment has a time limit of 45 minutes.

Suggestion: take the assessment at the beginning of the module and then after the reading and assignments are done. You can then use the results of both to gauge your learning and retention.

Take the Quiz Again

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	19 minutes	18 out of 20

⚠️ Answers will be shown after your last attempt

Score for this attempt: **18** out of 20  
Submitted Apr 11 at 6:38pm  
This attempt took 19 minutes.

Question 1

1 / 1 pts

The installation of which server component can be limited by the form factor?

☐ Number of ram modules

☐ Storage capacity of storage devices

☒ Expansion cards

- ☐ Amount of CPU's and new line

**Question 2****1 / 1 pts**

Which type of components can be switched out while a server is running?

- ☐ Run the swappable
- ☐ Run changeable
- ☒ Hot-swappable
- ☐ Hot changeable

**Question 3****1 / 1 pts**

Sally is managing the construction of a new data center facility. What power phase should she use for her data center?

- ☐ 2-phase
- ☒ 3-phase
- ☐ Half phase
- ☐ 1-phase

**Question 4****1 / 1 pts**

Your company has ordered two new rack-mountable storage arrays and two new blade enclosures. The new equipment will be mounted into a single existing server rack that is almost already full of rack-mounted equipment. You have verified that the existing rack has enough space to accommodate the new equipment. What is the next thing you should verify?

- ☒ Maximum PDU load capacity
- ☐ Maximum BTU load capacity
- ☐ The number of blades within each enclosure
- ☐ The number of server operating systems that will be installed

### Question 5

1 / 1 pts

Which server form factor has the smallest physical footprint?

- ☒ Blade
- ☐ Rackmounted
- ☐ Tower
- ☐ Tablet

### Question 6

1 / 1 pts

Your server uses a rack-mounted disk array appliance configured with RAID 5.. Whenever one disk in the array fails, you must remove it and

replace it with a good drive. You would like to automate data rebuilding when a disk fails in the array. What should you configure?

- ☐ RAID 1
- ☐ RAID 0
- ☐ Hot disk
- ☒ Hot spare

### Question 7

1 / 1 pts

What electrical component is used to supply the correct voltage to equipment or facilities?

- ☐ ESD strap
- ☐ ESD mat
- ☒ Transformer
- ☐ Capacitor

### Question 8

1 / 1 pts

What is the difference between a power supply and an uninterruptible power supply (UPS)?

- ☐ A power supply is for systems that don't require a lot of power.



UPS solutions and power supplies are interchangeable; they are the same.



UPS solutions enable any connected systems to continue running and then gracefully shut down when there is a power outage.



An uninterruptible power supply requires single-phase power.

### Question 9

1 / 1 pts

What power connector is designed to prevent accidental disconnection?



Single-phase



Edison



Twist-lock



NEMA

### Question 10

1 / 1 pts

How are hot and cold air kept separated in a data center?



Separate rooms



Hot and cold aisles



Baffle Isles



Rack aisles

**Question 11****1 / 1 pts**

Which rack component ensures that cables don't get stretched when equipment is slid out from the rack?

- ☐ Rail kit
- ☐ Blade enclosure
- ☐ Blade backplane
- ☒ Cable management arm

**Question 12****1 / 1 pts**

Sandra has a server that requires a CPU upgrade. She has to find the new CPU herself. What factor would most affect her CPU choice?

- ☐ The model number of the CPU
- ☒ A CPU that is supported by the motherboard
- ☐ The amount of on-chip memory
- ☐ A CPU with at least one MB of L3 cache

**Question 13****1 / 1 pts**

What unit of measurement is used for racks and rack-mounted equipment?

- ☐ Centimeters
- ☐ The V measure
- ☐ Inches
- ☒ The U measure

**Question 14****1 / 1 pts**

What type of ram is commonly supported by server motherboards?

- ☒ ECC
- ☐ Non-ECC
- ☐ DDR6
- ☐ DDR7

**Question 15****1 / 1 pts**

What can result from a lack of humidity in a server room?

- ☐ Degraded server performance
- ☐ Power surges
- ☐ Corrosion
- ☒ ESD

**Incorrect****Question 16****0 / 1 pts**

What unit of measurement is normally used with a UPS power rating?

- ☒ Volt amperes
- ☐ Watt
- ☐ Kilowatt
- ☐ Megawatt

**Question 17****1 / 1 pts**

A UPS rack-mountable device measures 10U. The rack can accommodate up to 42U. Currently, the rack contains 3 rows of 7U storage devices and two rows of 2U servers. How many rows of 10U UPS devices can be mounted in the server rack?

- ☒ One
- ☐ None
- ☐ Two
- ☐ Four

**Question 18****1 / 1 pts**



What is the difference between a European power supply and a North American power supply?

- ☒ The voltage on which they normally run is different.
- ☐ The fan is on the opposite side of the casing.
- ☐ They have different internal power connectors.
- ☐ European power supplies rely on three-phase power.

### Question 19

1 / 1 pts

Which type of power connector is commonly used in North America?

- ☐ NUMA
- ☐ Edison
- ☐ Einstein
- ☒ NEMA

Incorrect

### Question 20

0 / 1 pts

What revisions of DDR DIMM memory have the same number of pins?  
(Choose two).

- ☐ DDR2
- ☐ DDR1

☒ DDR4

☒ DDR3

Quiz Score: **18** out of 20