

ISLEVER

E20-017

Information Availability Design Specialist Exam
for Data Center Architects

DEMO

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QUESTION NO: 1

The exhibit represents a Component Failure Impact Analysis (CFIA) for a company's IT infrastructure. Several Requests for Change (RFC) were raised.

CI	OLTP Service	File share	E-mail	Backup/archive
Servers/NAS devices	A	X	B	X
FC Switches	X	A	X	B
Storage arrays	B	X	B	X

X: CI Failure causes outage
 A: CI has an immediate backup ("hot-start")
 B: CI has an intermediate backup ("warm-start")

Which RFC should be considered a priority for implementation?

- A. Deploying a switch architecture with no single point of failure
- B. Clustering the backup server with multiple storage devices
- C. Configuring the NAS device in an active-active mode
- D. Adding more disk drives to the storage array

Answer: A

Explanation:

QUESTION NO: 2

As represented in the exhibit, a company has a system with three critical components.

System Components	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Component 1	24hrs	3pm-5pm	7am-Noon	24hrs	3pm-9pm	1am - 4am	24hrs
Component 2	7am-9am	24hrs	24hrs	24hrs	3pm -9pm	1am - 4am	24hrs
Component 3	24hrs	24hrs	7am-Noon	24hrs	24hrs	1am - 4am	9am-2pm

Key

Failure/Outage

Scheduled Maintenance

Each component must be functioning for the system to be operational. SLAs have been established between the business and IT that define normal hours of operations for service as 8 A.M. - 8 P.M., Monday through Friday.

What is the availability (percentage) of Component 1?

- A. 78
- B. 81.7
- C. 89
- D. 91.7

Answer: B

Explanation:

QUESTION NO: 3

A company has a system with three critical components as represented in the exhibit.

System Components	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Component 1	24hrs	3pm-5pm	7am-Noon	24hrs	3pm-9pm	1am - 4am	24hrs
Component 2	7am-9am	24hrs	24hrs	24hrs	3pm -9pm	1am - 4am	24hrs
Component 3	24hrs	24hrs	7am-Noon	24hrs	24hrs	1am - 4am	9am-2pm

Key

Failure/Outage
Scheduled Maintenance

Each component must be functioning for the system to be operational. Following an outage, certain components seem to take longer to restore back to service than others.

What is the mean time to repair (MTTR) for Component 3?

- A. 2 hours
- B. 3 hours
- C. 5 hours
- D. 10 hours

Answer: C

Explanation:

QUESTION NO: 4

As represented in the exhibit, a company has a system with three critical components. Each component must be functioning for the system to be operational.

System Components	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Component 1	24hrs	3pm-5pm	7am-Noon	24hrs	3pm-9pm	1am - 4am	24hrs
Component 2	7am-9am	24hrs	24hrs	24hrs	3pm -9pm	1am - 4am	24hrs
Component 3	24hrs	24hrs	7am-Noon	24hrs	24hrs	1am - 4am	9am-2pm

Key

Failure/Outage

Scheduled Maintenance

What is the scheduled availability (percentage) for the system?

- A. 84
- B. 86
- C. 88
- D. 90

Answer: C

Explanation:

QUESTION NO: 5

In which focus area of the Information Availability Design Framework can platform integrity be found?

- A. Store
- B. Automate
- C. Create copies
- D. Distribute

Answer: A

Explanation: