Congratulations! You passed!

TO PASS 50% or higher

Keep Learning

GRADE
100%

Data Recovery & Backups

LATEST SUBMISSION GRADE
100%

1. Question — 1 / 1 point

What options are available for storing backups, physically?

- ○ On-site only
- ○ Off-site only
- ◉ Both on-site and off-site
- ○ There's no need to store physical backups anymore

Correct
Nice job! You can either backup data to another system located on-site, or the backups can be sent to a remote system off-site. Ideally, these two would be combined to balance efficiency and risk.

2. Question — 1 / 1 point

What are the measures included in a disaster recovery plan?

- [x] Preventative
  - Correct: Great job! A disaster recovery plan should incorporate preventative, detection, and recovery measures.
- [x] Detection
  - Correct: Great job! A disaster recovery plan should incorporate preventative, detection, and recovery measures.
- [ ] Testing
- [x] Recovery
  - Correct: Great job! A disaster recovery plan should incorporate preventative, detection, and recovery measures.

Correct
Great, you got all the right answers.

3. Question — 1 / 1 point

Which of these are part of the five primary elements that make up a post-mortem report? Check all that apply.

- [x] A summary
  - Correct: Excellent! The report would include (1) a summary; (2) a detailed timeline of events; (3) an analysis of the root cause; (4) an explanation of steps taken for resolution and recovery; and (5) recommendations to prevent a similar event from occurring again.
- [ ] Backup procedures
- [x] A timeline
  - Correct: Excellent! The report would include (1) a summary; (2) a detailed timeline of events; (3) an analysis of the root cause; (4) an explanation of steps taken for resolution and recovery; and (5) recommendations to prevent a similar event from occurring again.
- [x] Resolution and recovery steps
  - Correct: Excellent! The report would include (1) a summary; (2) a detailed timeline of events; (3) an analysis of the root cause; (4) an explanation of steps taken for resolution and recovery; and (5) recommendations to prevent a similar event from occurring again.
- [x] A root cause description
  - Correct: Excellent! The report would include (1) a summary; (2) a detailed timeline of events; (3) an analysis of the root cause; (4) an explanation of steps taken for resolution and recovery; and (5) recommendations to prevent a similar event from occurring again.
- [x] Recommended future action items
  - Correct: Excellent! The report would include (1) a summary; (2) a detailed timeline of events; (3) an analysis of the root cause; (4) an explanation of steps taken for resolution and recovery; and (5) recommendations to prevent a similar event from occurring again.

Correct
Great, you got all the right answers.

4. Question — 1 / 1 point

Which backup type only backs up files that have changed since the last run?

- ○ Full backup
- ◉ Differential backup
- ○ Incremental backup
- ○ Partial backup

Correct
You nailed it! A differential backup only saves files that have changed since the last run.

5. Question — 1 / 1 point

Which is an advantages of off-site backups?

- ○ Data is more secure because of less outbound traffic.
- ○ There is less bandwidth usage.
- ◉ Data is safe in case of disaster.
- ○ There is quicker data access.

Correct
Great work! In the event of a disaster, any on-site backups risk being lost. Storing backups off-site creates physical redundancy for your data.

6. Question — 1 / 1 point

Budget constraints aside, what is the ideal backup solution?

- ◉ Both on-site and off-site backup
- ○ Off-site (cloud) backup
- ○ On-site backup
- ○ No backup

Correct
Woohoo! It's often recommended to have both on-site and off-site backups if it's within your organization's budget.

7. Question — 1 / 1 point

Which type of backup only saves the parts of data that have changed within files since the last backup took place?

- ○ RAID array
- ◉ Incremental backup
- ○ Differential backups
- ○ Complete backup

Correct
Woohoo! An incremental backup is when only the data that's changed in files is backed up. This is even more efficient in terms of both disk space and time required when compared to differential backups.

8. Question — 1 / 1 point

Which backup method saves copies of all important files and data at each backup?

- ○ Differential backups
- ◉ Complete backup
- ○ RAID array
- ○ Incremental backup

Correct
Well done! You can do a complete backup on a regular basis, which involves making a copy of the data to be backed up. The full, unmodified contents of all files is included in this backup mechanism, whether the data was modified or not. This is often very inefficient, if done often with unchanging files.

9. Question — 1 / 1 point

You are performing a network risk assessment to develop your disaster recovery plan. Which of these are examples of detection measures? Check all that apply.

- [ ] Conducting regular, automated backups
- [x] Monitoring system testing
  - Correct: Awesome! You absolutely need to test your monitoring and alert systems. Simulate the conditions your monitoring systems are designed to catch. Make sure the detection thresholds actually fire the alerts like they're supposed to.
- [x] Using an alert system for outages
  - Correct: Awesome! If uptime and availability is important for your organization, make sure you have a comprehensive system in place that can quickly detect and alert you to service outages.
- [x] Testing your own (and users') knowledge and readiness for disaster
  - Correct: Awesome! Alerts and monitoring are only useful if everyone knows how to respond to them! Make sure you perform regular disaster tests.

Correct
Great, you got all the right answers.

10. Question — 1 / 1 point

What are some of the purposes of a post-mortem? Check all that apply.

- [ ] To shame and punish mistakes
- [x] To understand the cause of mistakes and how to prevent them
  - Correct: Great work! The intention of a post-mortem is to understand the root cause of why the mistakes happened and how to prevent them from happening again.
- [x] To learn from and adapt processes for higher efficiency
  - Correct: Great work! The content in the post-mortem report might trigger a thought for some other team and make them realize they have a similar problem in their infrastructure. You may also identify areas that could be improved that are the responsibility of teams that weren't involved in the incident.
- [x] To foster a culture where it's OK to make mistakes
  - Correct: Great work! Sharing post-mortems with other teams at an organization helps encourage a culture of learning from mistakes.

Correct
Great, you got all the right answers.