


6: Disaster Recovery Framework


WHY THIS FRAMEWORK IS IMPORTANT

There is nothing worse than facing disaster recovery. Everyone wants everything fixed and fixed now.

This framework focuses on uncovering gaps in a comprehensive disaster recovery plan. To maximize the value of this framework, list specific people (and backups) responsible for executing each element of the plan.

EXERCISE

 2 Hours

 Medium Difficulty

 Enterprise Architect
Security Manager

Does the organization have a defined disaster recovery plan?

- Yes
- No

Does that plan include the Kubernetes based deployments?

- Yes
- No

What is the current SLA for applications hosted in Kubernetes?

- 1 hour
- 4 hours
- 8 hours
- 24 hours
- 24+ hours

Is there a defined process for a disaster recovery event if a cluster is unrecoverable?

- Yes
- No

Does the organization maintain co-located DR clusters to limit downtime?

- Yes
- No

If yes, define the state of your disaster recovery site:

- Hot
- Warm
- Cold

Has a test disaster recovery event been performed?

- Yes
- No

If yes, indicate failover completion time range?

- 4 hours
- 8 hours
- 24 hours

Are the associated costs for a disaster recovery event known?

- Yes
- No

Does the organization feel confident that the current disaster recovery plan will be effective?

- Yes
- No

NEXT STEPS

Count the number of times you answered "Yes" and compare it to the number of times you answered "No." This will give you a sense of how prepared you are to recover from disaster.

After you map out the entire process from end to end, you should identify any concerns you might have with your current strategy. Discovering a few problem areas now can lead to a well designed solution later.