

Disaster Recovery Planning

DISASTER SCENARIOS

Make sure your DR solution covers you for:

- Hardware failure
- Human error
- Software corruption
- Hackers and computer viruses
- Natural disasters

DR PLAN UPDATING

DR is a process and as such will be constantly evolving and changing as your business does. It is important that your DR plan is kept updated to maintain its effectiveness. It would be wise to review and update every 6 months, or, at a minimum, every year.

Make sure to update your plan if you:

- Have a change in key staff
- Have changes to Business function
- Implement new infrastructure or hardware
- Install new software, patches or version updates
- Find an issue during a DR test

DR CHECKLIST

Understand the DR Requirements

- Talk to each business department to get detailed and accurate information on their critical processes.
- Identify the systems and applications required to run those critical processes

Recovery Point Objective (RPO)

- Define RPO (actual tolerance for data loss in a disaster situation).

RPO =

Recovery Time Objective (RTO)

- Define RTO (maximum time you can spend on recovery/time taken to become operational again).

RTO =

Change Control

- Designate Change Control coordinator
- Allocate sequence of action steps and timeframes
- Define contact structure for each business department
- Create communication plan

Documentation

- Document the DR plan and process in detail including;
- Failover process
- Contact information
- Task owners and responsibilities
- BAU restoration process

Testing

- Designate a Test Plan Co-ordinator (to take overall responsibility)
- Decide on testing strategy (Graceful Switchover or Failover)
- Create testing schedule
- Schedule regular reviews (see list of update reasons)

RESOURCES

Watch Create Standby Database demo

https://www.youtube.com/watch?v=b-1n14uX4sE&list=UUvcE2Zoo9Lm_RbXB9VMKqVQ

Watch Failover demo

https://www.youtube.com/watch?v=8um3lIMjzIM&list=UUvcE2Zoo9Lm_RbXB9VMKqVQ

Watch Graceful Switchover demo

https://www.youtube.com/watch?v=mxtGOHjzvH4&list=UUvcE2Zoo9Lm_RbXB9VMKqVQ

Download Dbvisit Standby test licence -

<http://www.dbvisit.com/products/downloads/>

Further reading on Dbvisit Standby for Disaster Recovery -

http://www.dbvisit.com/products/dbvisit_standby_database_for_oracle_disaster_recovery/

Read about Disaster Recovery Solutions and Download DR Whitepaper –

http://www.dbvisit.com/solutions/disaster_recovery/

Read about the '9 Point Disaster Recovery Health Check' -

<http://blog.dbvisit.com/the-9-point-disaster-recovery-health-check-dbvisit-partner-series/>

Read about the 5 common causes of data loss -

http://www.dbvisit.com/news/The_5_common_causes_of_data_loss/

http://www.dbvisit.com/solutions/disaster_recovery