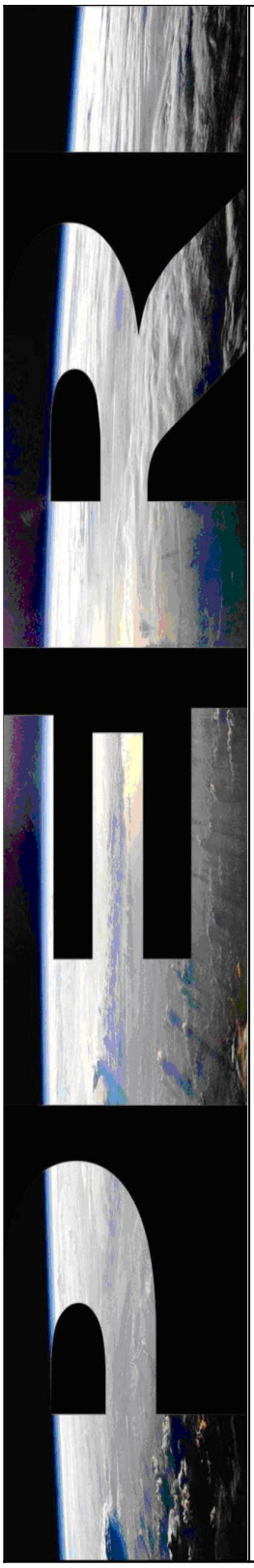
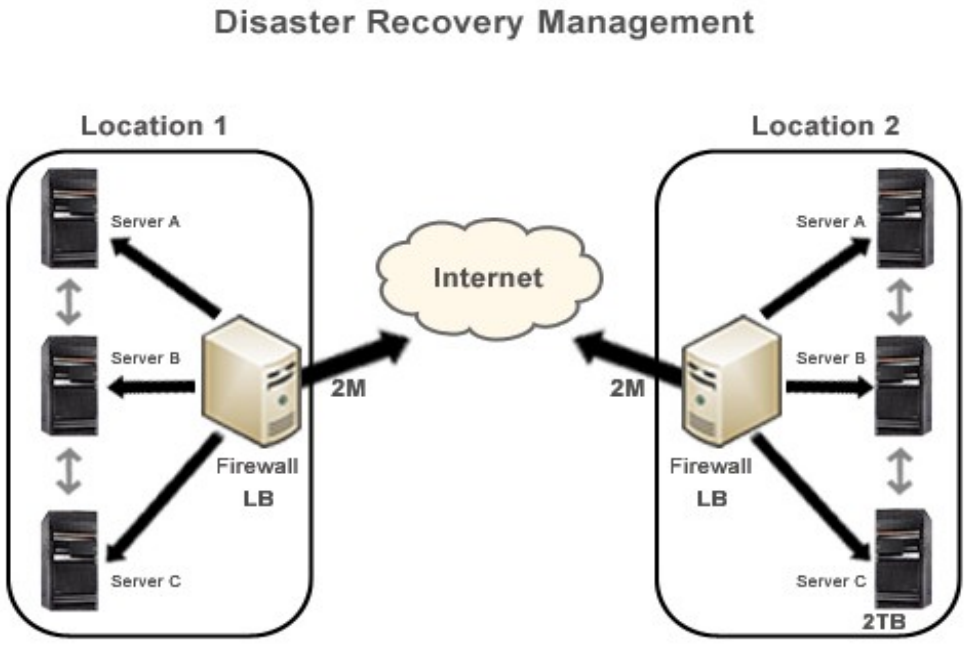


Disaster Recovery Management - Online Training Company

The customer is a national online training solutions provider offering various online courses to state employees on federal regulations. The customer needed simple but effective disaster/fail over recovery plan to back up and restore their online training facilities. They needed a redundant site that would act as a fail-over site in case of natural or man-made disasters. PERI proposed an off-site location fail-over data center plan keeping both the cost and complexity of management in mind.

Hardware Infrastructure Topology

The schematic describes two locations with servers in each location. The server's access is restricted by a firewall. The firewall also acts as High Availability (HA) system that can redirect accesses depending on the available internal servers. The servers are in the same internal network and each of them is capable of running its own firewalls for additional security. In case of hardware failure or unexpected or unscheduled downtime, the other server can instantly take over the operations.



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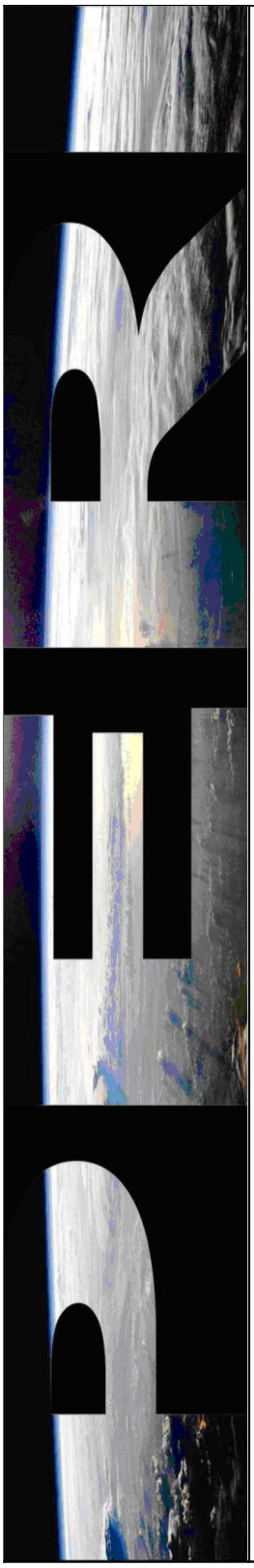

Hosting and Connectivity

Each data center is connected to the other data center using a secure high speed leased connection.

Primary Data Center

- Servers A - Primary servers hosting the application
- Servers B - Fail over servers with mirrored application and data
- Servers C - Backup servers with multiple mirrored disk volume

Servers C holds several dated versions of the periodic backups. If recovery is needed for auditing or compliance purposes, the data from Servers C can be easily restored within minutes.

Disaster Recovery Center (Mirrored site of Primary center)

The two sites periodically synchronize their respective data at pre-determined intervals of time.

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