Koha ILS Disaster Recovery and Capacity Building

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Disaster Recovery - Definition

- Disaster recovery (DR) is the process, policies and procedures that are related to preparing for recovery or continuation of technology infrastructure which are vital to an organization after a natural or human-induced disaster.
- Disaster recovery focuses on the IT or technology systems that support business functions, as opposed to business continuity, which involves planning for keeping all aspects of a business functioning in the midst of disruptive events.
Disaster Recovery - Best Practices

- Location of backups
- Understudy for the system administrator
- Clear, accurate and current documentation
- How often to backup
- What to backup
Disaster Recovery - Koha @ SULIS - 1

- Koha is a LAMP web application
- Therefore normal LAMP app backup applies
- Prepare a local backup to do the following:
  1. Backup the MySQL database
  2. Backup the webapp folders and files
- Write a script to do the backup
After local backup is done, prepare to copy the backup to the remote backup servers.

Various methods can be employed to do this.

We chose an "rsync" with "backuppc" method.

Capacity Building

• A short note about capacity building
• In order to sustain the system over the very long term, then resouces must be put in place to hire or easily consult with the following:
  1. Web 2.0 Hardware/Systems Technologist
  2. Web 2.0 Software/Webapp Technologist

See link below for more details