

# Koha ILS Disaster Recovery and Capacity Building



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# Disaster Recovery - Definition

- [http://en.wikipedia.org/wiki/Disaster\\_recovery](http://en.wikipedia.org/wiki/Disaster_recovery)
- 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.

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# Disaster Recovery - Best Practices


- Location of backups
- Understudy for the system administrator
- Clear, accurate and current documentation
- How often to backup
- What to backup

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# 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

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# Disaster Recovery - Koha @ SULIS - 2

- 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.
- **See:** [http://wiki.lib.sun.ac.za/index.php/SUNScholar/Disaster\\_Recovery/Backups](http://wiki.lib.sun.ac.za/index.php/SUNScholar/Disaster_Recovery/Backups)

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# Capacity Building

- A short note about capacity building
- In order to sustain the system over the very long term, then resources 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

[http://wiki.lib.sun.ac.za/index.php/SUNScholar/Capacity\\_Building/Digital\\_Repository\\_Systems\\_Management](http://wiki.lib.sun.ac.za/index.php/SUNScholar/Capacity_Building/Digital_Repository_Systems_Management)

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