

# ISC Learn Platform

TODO : format correctly all the offline docs

## Restore on Hasdrubal

Restoring a backup from NAS to Hasdrubal : this is with a separate servername but changing DNS CNAME learn.isc-vs.ch to hasdrubal.isc-vs.ch

## Restore on Rumba

Restoring a backup from NAS to Rumba : is with a separate servername but changing DNS CNAME learn.isc-vs.ch to rumba.isc-vs.ch

## Restore inplace on Hannibal

### Restore inplace on the current website with the last Infomaniak DATA snapshot features

~~Restoring the system snapshot : only for a system issue, it wont fix any applicative issue on the Moodle files~~

**EDIT : After repeated failed tests on Hasdrubal, the system snapshot can have serious issues, for now it is not reliable and can leave the VM with an unbootable system disk.**

Restoring the data snapshot : if the system is down, this can't be used, but on a scheduled Change, we can take a data snapshot to keep a backup of the /srv filesystem (Takes 2h30) and restore Moodle files on a new separate disk (1h on /dev/sdc : this is the way Infomaniak handles filesystem backups, we can't just rollback the current /dev/sdb disk...)

For DRP : only to use in last resort when more recent backup would be corrupted : data snapshots are generally more than weeks old when not taken just before a Change

### Restore on a second virtualhost

Restoring a backup from NAS to Hannibal : This is with a separate servername but changing DNS CNAME learn.isc-vs.ch to the new servername, then switch to it

### Restore inplace on the current website

Restoring a backup from NAS to Hannibal : Directly replacing corrupted files

## Restore backups from scratch on a new server

[What to do on a new server to get ISC Learn up and running from scratch with only a filesystem backup](#)

## Fallback Process

### Steps to get back to normal operation on Hannibal

#### Preparation

- Schedule a time window to fallback

#### On D-day :

- DB backup from the secondary
- Data backup from the secondary
- Transfer and restore data files to the primary Hannibal original location
- Restore DB dump
- Finish DB restoration from GUI / plugins self checks
- Clear caches and restart php8.3-fpm / apache2
- Test and validate everything is back to normal

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