sdnog hosting project: infrastructure updates

Here, we share regular updates on the development, upgrades, and operational status of the infrastructure that supports the __sdnog community__ . This includes deployments of core services, network enhancements, performance improvements, and collaborative efforts with local and international partners.

12 May 2025 : RAM Upgrade and Faulty DIMM Replacement on Server

The suspect DIMM in slot A2 has been removed and replaced with a 32GB module from INX. The server has now been upgraded to 32GB of RAM. Slots A2 and B2 are populated identically to maintain dual-channel memory support.

19 May 2025: New backup system

INX has implemented a new backup system - we're now using proxmox backup server instead of a remote NFS mount from a NAS. so yesterday i cut the sdnog hosting infrastructure over to this. i also took this chance to upgrade the backup infrastructure to 10gb/s as this was limited to 1gb/s previously.

backups are now much faster - because they are incremental (and more backend speed) - the proxmox server has 32x gold cores at 3.6ghz, caching disks, more spindles, etc.   you can login to any of the server and hit "Run now" for any of the servers and you'll see this for yourself - the backup results are still being emailed to sysadmin@sdnog (attached one here)

i changed the backups storage from "keep 4 copies" to keep 14 copies because the disk space used is lower.

later this week, i'll deploy another server in a different location so that there is off-site backups; my plan is to set backups to run at 12h intervals, and create alternate backups so that morning backups (7am) stay onsite, but evening backups (7pm) go offsite. if you have better ideas, let me know.

28 May 2025: VM1 Stability Issue Due to Faulty DIMM

An issue has been identified with one of the two 32GB DIMMs installed in the VM1 server a few weeks ago. The server has experienced two crashes since the installation, with system logs

consistently indicating a fault in DIMM B1. A replacement DIMM is being sourced to resolve the issue.