

GNS Linux Management/Hosting Case Study

Our client is a Stamford based hedge fund. They run standard Microsoft based office automation software, as well as a Linux based Oracle database that supports some proprietary modeling and trading software that they wrote in Java, and run under Linux.

We designed and implemented their network and server infrastructure including a Postini-based mail solution, a file server for the office, the Linux calculation servers, and the Oracle database.

They host the production servers in their offices, and GNS manages them, GNS also provides a VM based DR solution in our New York City co-location center. The DR solution is accessible via dial-up VPN connections. We provided the following services:

- Installed and configured hardware, Linux-OS, Windows-OS, Oracle database, and necessary layered applications.
- Designed and implemented office network and firewalls including VPN connections to GNS.
- Implemented a comprehensive backup and DR strategy, including Oracle replication, VPN access for staff. Integrated DR strategy into firm-wide BCP processes. We support regularly scheduled DR testing.
- Provide ongoing service to support servers and database. Work with developers and production staff to tune database and support all their operational needs including daily batch processes.
- Installed and configured open source Samba software to allow development and operations staff to mount and view parts of the UNIX file system from their PCs.
- Automated regularly scheduled jobs. We monitor and support these jobs on a daily basis.
- Customized the GNS monitoring subsystem to monitor all aspects of the hardware, the operating system, the database, the applications, and the client's operational processes.
- Configured the GNS reporting subsystem to provide a weekly performance reports on the systems and the database. Reports are used for capacity planning and tuning.

GNS / Oracle Management and DR Hosting

