



SecurDigital[®]

Technical Synopsis Document

Unix Technical Specification Sheet

Effective April, 2009

Hardware Specifications

Up to 2500 Users

Recommended Specification

Minimum Specification

Up to 10000 Users

Recommended Specification

Minimum Specification

Operating System Requirements

Operating System

Operating system requirements

These hardware requirements for a SecurDigital Enterprise Server (GES) are based on the following SecurDigital services running on the SecurDigital Enterprise Server:

- SecurDigital Open Encryption Framework
- SecurDigital License Server
- SecurDigital Encryption Engine
- SecurDigital Attachment Service
- SecurDigital Mobile Data Service
- SecurDigital VOIP Service

Dell PowerEdge 2970, Dual Core AMD Opteron™ 2344HE, 4x512K Cache, 1.7GHz, 1Ghz HyperTransport

2x Intel Pentium 2 Processor with HT Technology (2.4GHz or higher)
8 GB DDR2 RAM, 667MHz, 4x512MB Single Ranked DIMMs
80 GB 7.2K RPM Serial ATA 3Gbps 3.5-in HotPlug Hard Drive
80 GB 7.2K RPM Serial ATA 3Gbps 3.5-in HotPlug Hard Drive

Dell PowerEdge 2970, Quad Core AMD Opteron™ 2344HE, 4x512K Cache, 1.7GHz, 1Ghz HyperTransport

2x Intel Pentium 4 Processor with HT Technology (2.4GHz or higher)
32 GB DDR2 RAM, 667MHz, 4x512MB Single Ranked DIMMs
160 GB 7.2K RPM Serial ATA 3Gbps 3.5-in HotPlug Hard Drive
160 GB 7.2K RPM Serial ATA 3Gbps 3.5-in HotPlug Hard Drive

This hardware configuration considers only the software required to run the Linux Operating System, SecurDigital Enterprise Server and SecurDigital services outlined above, and does not take into consideration any other services or software that may be running on the server. Please review the configuration of your server carefully.

- SecurDigital Open Encryption Framework can over time require up to 4 GB of RAM for the service alone.
- SecurDigital Mobile Data Service, can over time require up to 2GB of RAM for the service alone.
- SecurDigital Enterprise Server is supported on VMWare ESX 2.5.2 and above – Gen-i recommends using VMWare ESX 3.x.

SecurDigital Enterprise Server is supported on the following operating system platforms:

- Red Hat[®] Linux[®] Enterprise v4, ES, WS, AS and ES x86-64
- Red Hat[®] Linux[®] Enterprise v5 Red Hat[®]
- Linux[®] Enterprise v5.2 x86-6
- Red Hat[®] Linux[®] Enterprise v5.2 x86
- Novell SuSe Linux 10 SP2
- SUSE Linux Enterprise Server 10 x86-64
- Sun Solaris 10



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Database Requirements

The following database environments are supported by the SecurDigital Enterprise Server:

- MySQL Enterprise 5.0
- MySQL Enterprise 5.1
- MySQL Enterprise 6.0
- MySQL Cluster

Considerations

The server that will be hosting the SecurDigital Enterprise Server Configuration Database.