GINESYS

Hardware / Operating System Requirements

Component	Server Minimum	Workstation Minimum
Processor	Quad-core x64 architecture 2.8 GHz CPU	Dual-core x64 / x86 architecture 2.0 GHz CPU
Memory	8-GB RAM	4 GB RAM
Hard disk	200 GB or more of available hard disk space	50 GB or more available hard disk space
HDD count	Minimum 2 same capacity HDD	1 nos.
UPS	Online UPS with 30 minutes backup	Offline UPS with 15 minutes backup minimum
Operating System	Windows Server 2008 R2	Windows 7 (Service Pack 1)
Internet	2 mbps stable connection	Nil

Important Notes:

1. Above requirements are the minimum requirements for a 3-5 user typical workload.
2. Actual requirements may vary based on your product configuration, high availability requirements and work load.
3. Running GINESYS on less than minimum system configuration will have adverse effects on performance.
4. It is recommended to run GINESYS on good quality branded servers and not on assembled servers.
5. Desktop operating systems are strictly not supported on Server.
6. Lower versioned operating systems than mentioned for Server and Workstation are strictly not supported. E.g. Windows 2003, Windows 2008 on Server, Windows XP/Vista on desktop will not be supported.
7. Service packs and updates as released by Microsoft from time to time should be updated on systems on a regular basis
8. Anti-Virus and Network Security software if installed on the server will have to be configured and maintained by the customer so that necessary communications to and from GINESYS Server is allowed. GINESYS support if anticipates that any issue is being caused by such third party software may request the client to uninstall the concerned software while working on the ticket.
   List of communications to and from GINESYS Server
   a. OUTBOUND to Web Database (hosted by Customer or GINESYS) typically on TCP Port 1443
   b. OUTBOUND to GSL Licensing Server (license.ginesys.in) typically on HTTP Port 80
   c. OUTBOUND to GSL Usage Statistics Server (customerapi.ginesys.in) typically on HTTP Port 80
   d. OUTBOUND to GSL Patch Update Server (update1.ginesys.in / update2.ginesys.in) on ACTIVE Mode FTP port 21
   e. INBOUND to GINESYS Application Server on IIS typically on HTTP Port 80 (for Web Application)
   f. INBOUND to GINESYS Application Server for accessing application from File Share on TCP Port 445, 139
9. A steady internet connection is required for smooth operations and also remote support from GINESYS. Please note that support ticket will be kept on hold unless a steady 2 mbps connection is provided.

Software Requirements

Component	Installation Process	Server / Workstation / Both
GINESYS	GINESYS Installer / No Manual install	Server
Oracle 12c Standard Edition	Manual install	Server
Microsoft .NET Framework 4.5	GINESYS Installer / Manual install	Both
Oracle Data Access Components (ODAC) 12c (version 12.1.0.2.1)	GINESYS Installer / Manual install	Both
Internet Information Services (IIS) Server 7.5 or above	GINESYS Installer / Manual install	Server
SAP Crystal Reports Runtime 13 version 13.0.8 or above	GINESYS Installer / Manual install	Both
SQL Server 2012 Native Client	GINESYS Installer / Manual install	Server
SQL Server 2012 CLR Types	GINESYS Installer / Manual install	Server
SQL Server 2012 Shared Management Objects	GINESYS Installer / Manual install	Server
SQL Server 2012 Command Line Utilities	GINESYS Installer / Manual install	Server