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Architecture, Features & Performance Comparison Chart		
Architecture / Features / Performance	StoreGrid Service Provider Edition v2.2.5	Ahsay (OBS/OBM/ACB) 5.2.4
I. Architecture		
Memory Footprint & CPU utilization	C++ based. Low memory foot-print both when idle and also when backup is scheduled.	Java based, hence memory foot print is high even when idle
Supported Operating Systems	Windows / Linux / FreeBSD / Mac. Easy to port to other flavors of Unix	Windows / Linux / Unix / Solaris / Mac / Novell
RDBMS back end	Yes	No
Type of User Interface	Web browser based thin client on for both StoreGrid client & server	Browser based Server UI. Rich Client otherwise
Multi-threaded backups from client	Yes	Yes
SSL Communication between Client & Server	Available in 2.3 release (expected in the end of Q4 2007)	Yes. The basic data transport is via HTTP/HTTPS
Configurable ports	Yes	Yes (for the server webconsole only)
II. Features		
A) General Features		
Detailed Customer Management Module	Yes. Facilitates grouping of users under named customers for easy manageability	No. Supports only User management
Continuous Backup	Yes	No
File Level Restore from Client	Yes	Yes
File Level Restore from Server	Yes	Yes
Server Side Restore	Yes. Requires the backup encryption key to restore / browse the backed up data (for encrypted backups) which is a very secure.	Can restore to your remote system by using a Java Applet and accessing the webconsole. Can browse through the files without a backup encryption key. Not very secure.
Restore to any system with Client installed	Yes	Yes
Restore Delete Backed up files from Backup Server via client	Yes	Yes
Incremental Backups	Yes. StoreGrid's Intell Delta technology uses the well known Rsync algorithm and performs block level differential backup	Yes. Uses a proprietary algorithm with a choice for incremental or differential backup [In-File Delta]
Multiple Backup Schedules	Yes	Yes
Scheduling options	Yes. Extensive Scheduling options like a) continuous b) Run every few hours / minutes c) Run daily d) Run Weekly e) Run Once Only (Immediate) options are available	Yes. However, does not support the following schedules: a) backups every few hours/minutes b) Continuous backups.
Scheduling the Backups On Demand	Yes	Yes
Suspend a Backup Schedule	Yes	You can't Suspend / Deactivate a backup schedule. Rather, you can stop an active backup only.
Periodic Full Backup Schedules & Retention	Yes	Yes

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Retention Policy	Advanced retention module will be available with the v2.3 Release	Yes
End to End Encryption	Yes. Uses Blowfish algorithm with up to 448 bit encryption keys	Yes. Uses Twofish / DESede / AES
Compressed Data transfer	Yes	Yes
Ability to take seed backup locally & follow up with successive incremental backups over the network/internet	Yes. StoreGrid's Local To Remote migration module was created for exactly this purpose.	Yes
Backup Server Redundancy using Replication of the Backup Server	Yes	Yes
Seeding the Replication Server	Coming Soon in 2.3 Release	Not Known
File Versioning	Yes	Yes
Backup Schedule deletion	Yes	Yes
Changed Bytes Backup for a Range of File Sizes	All files from 0 Bytes to any Filesize can be configured for Intelli-Delta (Rsync based incremental backup)	Only files over 1 MB can be configured for In-File Delta (i.e., Incremental backup)
Large file Backups (Suspend/Interrupt and Resume from where it left)	Yes	Yes
Pre / Post command execution during backups	Yes	Yes
Network Mapped Drive Backups	Yes, mapped drives are listed when StoreGrid is installed as an Application (in Windows XP & Later). In Windows 2000, mapped drives work even if StoreGrid runs as a Service	Yes
Network Drive Backups [UNC Paths]	Coming Soon in 2.3 Release with mapping of Network Paths [UNC Paths] from StoreGrid itself	Yes. Available via Network Neighborhood
Point-in-time Restores	Yes	Yes
Automatic Software Updates	Coming Soon with v2.3	Yes
B) Application Specific Features		
Open File Support	Yes. Supports with Volume Shadow Copy Service (VSS) & Open File Agent	Yes. Supports with VSS & Open File Agent
Exchange / SQL Server Backup using NTBackup / Dump Utilities	Yes, with no additional cost	No
Advanced Exchange/SQL Server backups with API based Utilities [Information Storage Group & Mail-store]	Yes, Information Storage Group as well as Mail Store Level	Yes
EMail Client Backups	Yes. One click backup available for Outlook, Thunderbird, Opera, Outlook Express, Windows Mail	One-Click backup available for Outlook only, other email clients needs to be selected manually
One-Click Backup for other common tasks	Available for My Documents / IE & Firefox favourites / Desktop. Additional user plug-ins can also be configured	Available for Favourites folder / My Documents / Desktop
MySQL Backups	Yes both for Windows/Linux	Yes

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System state backup	Yes	Yes
C) Features related to Reporting		
RDBMS back end for better Reporting and storage of metadata	Yes	No. Reporting is Log based (not scalable)
Client Email Reports	Yes. In case of branded builds, the email reports are tagged with the Service Provider's logo	No
Email Reporting in Server	Yes. In case of branded builds, the email reports are tagged with the Service Provider's logo	Yes
Historical Backup / Restore / Replication Reports	Yes, all activities are recorded in database for better reporting	Yes. But the reports are available only as log file
Filtered Email Reports (only generated for prespecified circumstances like Success/Failure/Partial Backup, etc	Yes	No
Customer Invoice Module to run Invoices to Customers through various data plans	Yes, Customer Invoice Module available as part of StoreGrid (no extra charge). Exporting capabilities are to be added as part of WebServices API in future versions	User Usage report exportable as CSV, no Customer Invoice module
III. Performance		
Very Large file Backups (50GB) Full Backup	Yes	Could not be evaluated
Very Large file Backups (50GB) Intelli-Delta Backup	Yes	Could not be evaluated
1,980 Assorted files - Total data = 205 MB Backup Restore	01 Mins 12 Secs 46 Secs	5 Mins 01 Sec 45 Secs
1 GB Compressed File Full Backup Backup Restore	03 Mins 08 Secs 1 Min 26 Secs	14 Mins 42 Secs 1 Min 15 Secs
1 GB Text File (99% compression) Backup Restore	46 Secs 56 Secs	1 Min 18 Secs 1 Min 22 Secs
10 GB SQL Server Database Backup Backup Restore	8 Mins 50 secs 16 Mins 50 secs	46 Mins 57 sec. 19 Mins
10 GB Exchange Server Database Backup Backup Restore	27 min 57 secs 31 min 40 secs	1 hour 45 min 8 sec 37 min 23 sec