Assessment of our current environment

SERVER NAME: **PSQL04A**

SQL SERVER Instance name: **PSQL04A**

CPU: 2 NUMA Nodes 32 Processors (16 each)

Memory: 168GB RAM

OS: Windows 2008 R2 Enterprise SP1

SQL Server: MSSQLSERVER 2012 Enterprise SP1

Drives Setup:

Data (F:) 356GB

Log (G:) 356GB

Backup (I:) 612GB

DB Backups:

Daily one full backup.

Daily one Tlog backup soon after Full backups.

Database Auto growth settings set as per database standards.

**Some Recommendations**:

1. Temp db datafile is located on F: drive

Temp db Log file is located on G: drive

(Separate drive is recommended data and log can be on one drive may be T:).

1. Memory settings:

SQL Server is currently is set to use entire memory available on server 168GB.

Recommendation is to set sql server use 75% (136GB) and 25% (32 GB) for OS.

1. Need inputs from Business and development teams to design backup policy.
2. Any other disaster recovery plans available? If yes, want to know about them else I will need some inputs on that too.
3. Storage: for data and log files looks good with 50% free available (I will know more as I get familiar). Backups drive has 50% free space depending on backup policy we finalize this might need additional space.