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IT Requirements Plan

**Server Platform**

* Physical System Requirements
  + 1 TB, RAID 1 iSCSI LUN
  + 2xL5630 (4 core, 8 threads)
* Virtual System Requirements
  + OS: CentOS 7.1
  + 2x Images
    - Web Server
      * 1 vCPU
      * 4 GB of RAM
      * 60 GB HDD
      * Node.js
    - Database Server
      * 4 vCPUs
      * 8 GB of RAM
      * 120 GB HDD
      * PostgreSQL
* Connectivity
  + 2x IP Addresses (one per server)
  + Would need connection to Marist LDAP\CAS System, Marist SQL and Marist TSM Server

**Reliability**

* Service needs to be up with the rest of the Marist systems (except for scheduled downtime)
* Service also needs to be responsive (as fast as the user’s internet can allow). There should be no need to be waiting for pages to load.

**Recoverability**

* Things will be backed up to Marist’s TSM server. TSM backups are completed once a day and are securely in Donnelly.
* Backups are accessible via the TSM client and can easily be restored by those who have the admin password to TSM.
* Any sort of temporary files are not of great importance, nor is the operating system. The database and Node application are what primarily need to be backed up.

**Security and Privacy**