

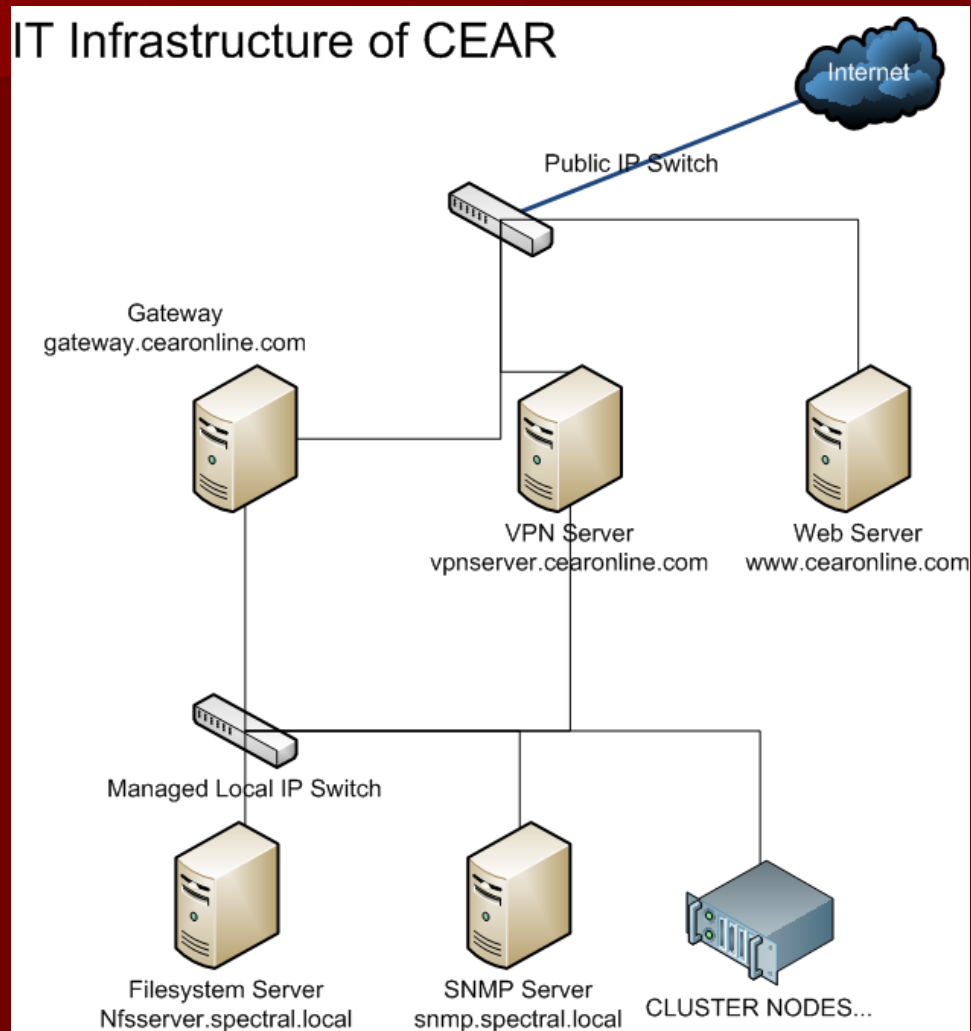
Status of CEAR Computing

Cluster, WebApps, CEAR Online

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Overview of CEAR Computing



Computing Cluster

- 3rd Generation Cluster
 - More than 1 year operation
- 40 nodes with 4-processor cores
 - 160 total CPU Core cluster
- Internet access, secured by VPN
- Networked File System
- Parallel MCNP5 Runs
 - Significant speed-up



Web Applications

- Brief description of WebApps
 - Apache
 - PHP
 - MySQL
 - Drupal
 - Gnuplot
 - Intel Fortran
- General plan for use of Drupal modules “WebApps” to license use of software
 - MCLLS Pro for X-Ray Fluorescence
 - PEAKSI for Radiation Spectra Analysis

CEAR Online

- How to Join
- Future Plans
 - Web Application access using Drupal
- Preview of Website
 - <http://www.cearonline.com/>