IT 3100: Systems Design and Administration I

Fall 2015 Readings

Recommended in class

- Aug 25  The GNU Manifesto

Student contributed notes

- [Aug 25] None (Your notes could be here!)

CGL’s notes

- Aug 24  Computer systems slides
- Aug 26  Computer users and groups
- Aug 28  File permissions
- Aug 31  DNS Communications slides
- Aug 31  DNS Authoritative Example
- Aug 31  DNS Authoritative Master Example
- Aug 31  DNS Authoritative Slave Example
- Aug 31  DNS Registrar Example
- Aug 31  DNS Debugging Tips
- Sep 11  SMTP Discussion
- Sep 11  SMTP Setup Outline
- Sep 11  SMTP Example Notes
- Sep 11  SMTP Example Screens
- Sep 11  SMTP Debugging Outline
- Sep 16  DNS Discussion
- Sep 16  DNS Caching Lookup Discussion
- Sep 16  DNS Caching Lookup Server
- Sep 16  DNS Client Discussion
- Sep 16  DNS Client
- Sep 21  HTTP Discussion
- Sep 21  HTTP Setup Outline
- Sep 21  HTTP Example Parameters
- Sep 21  HTTP Example Screens
- Sep 21  HTTP Debugging
- Sep 23  CPU Resources
- Sep 23  Memory Resources
- Sep 23  Disk Resources
- Sep 23  Scheduling Tasks
- Sep 28  Secure Communications Discussion
- Sep 28  Serving Remote Email Clients Discussion
- Sep 28  IMAP - dovecot imap Screens
- Sep 28  SMTP Remote Email Auth Discussion
- Sep 28  SMTP - exim4 remote auth Screens
- Sep 28  SMTP/IMAP - Remote Client Configuration Discussion
- Sep 28  SMTP/IMAP - Remote Client Configuration Screens
- Sep 30  HTTP Scripting Discussion
- Sep 30  HTTP Scripting Screens
- Oct 2  Disk Management Discussion
- Oct 2  Disk Management Screens
- Oct 7  SMTP Satellite Discussion
- Oct 7  SMTP Satellite Screens
- Oct 9  DBMS Introduction
- Oct 9  DBMS Install Steps
- Oct 9  DBMS Install Screens
- Oct 9  DBMS Tour of Data
- Oct 9  DBMS Management Screens
- Oct 9  DBMS Connection Steps
- Oct 9  DBMS Connection Screens
- Oct 9  DBMS Configure Network Access Screens
General recommendations

- GNU
- Ubuntu

DNS

- BIND 9
- Are those dots important?
- Online DNS Checking tool

SMTP

- Exim
- Exim - User Authentication

Past Readings

- 2014
- 2013