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
- Exim - User Authentication
- Exim - User Authentication
- Exim - User Authentication

**Past Readings**

- 2014
- 2013