Network Stream ODD 2017/2018

Bayu Kanigoro, S.Kom., M.T
CCC Network, Computer Science Program
School of Computer Science

introduction

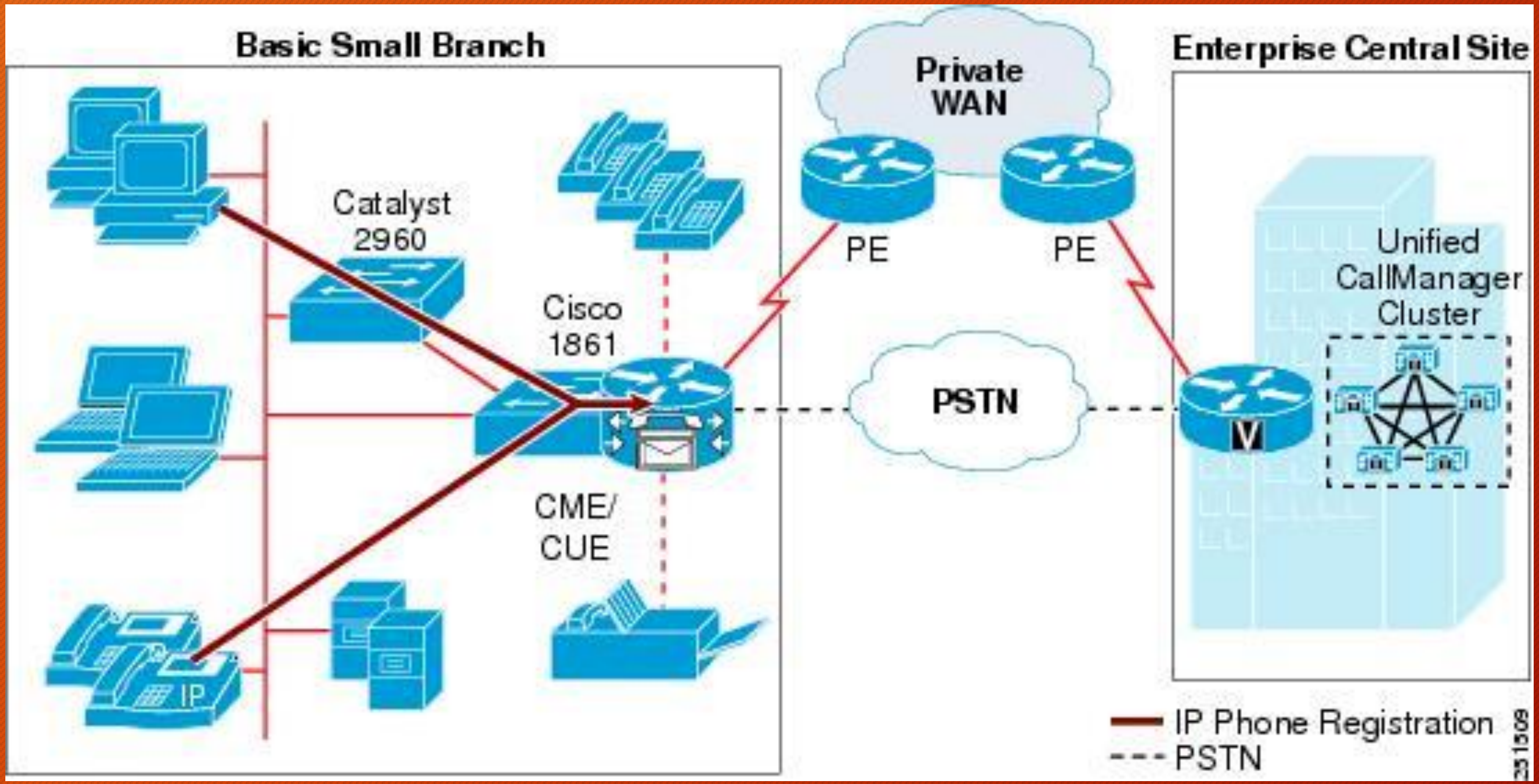
- Network stream is a focus on the development of computer networks in business entities, administer, manage and develop applications that utilize computer networks.
- In addition, students also gain expertise in administering and managing systems based on Windows and Linux operating systems.
- This specialization also demands student independence in conducting self-exploration to develop their skills so that they are ready to face challenges in the workplace and industry.

Subjects

- Network Design
- Network Programming
- Server Technology
- Linux Operating System
- Current Popular Network Technology

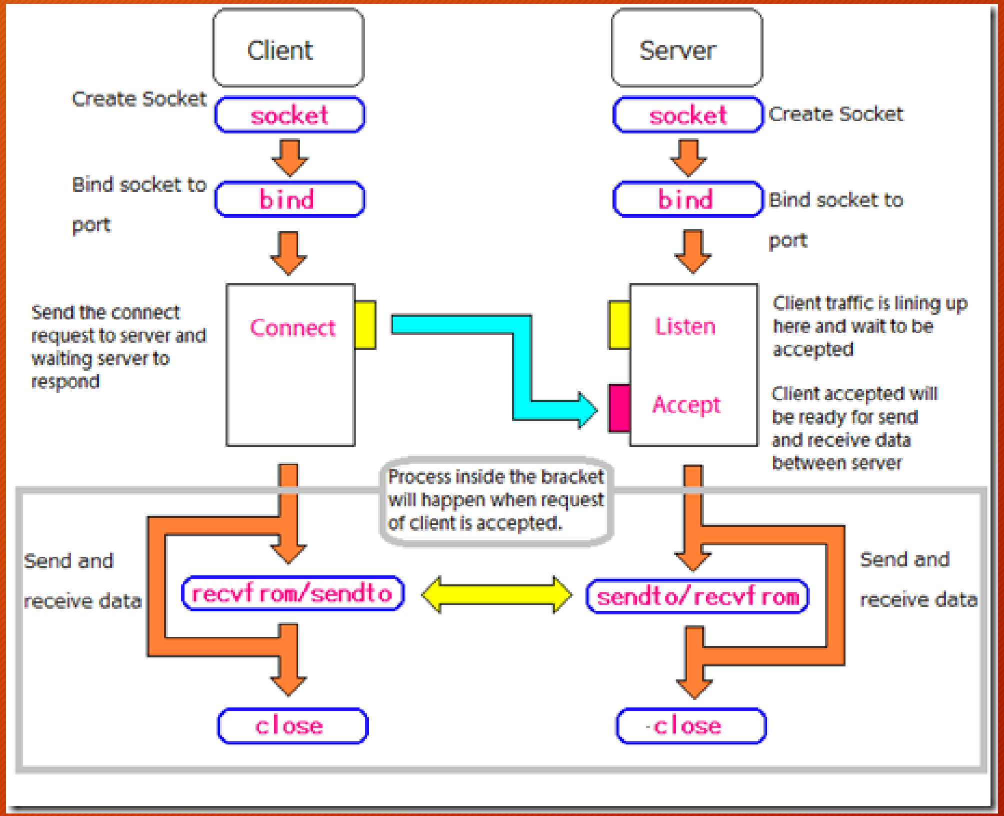
Network design

- This course will give you some knowledge to design a network topology and addressing.



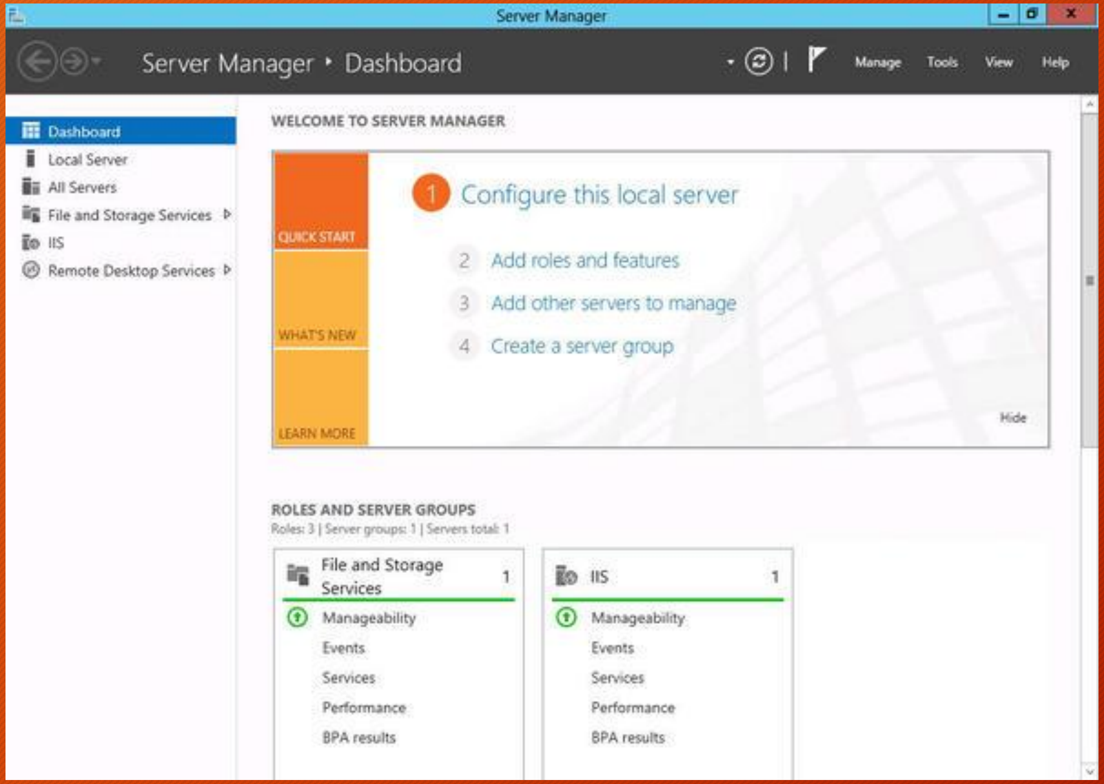
Network programming

This course will give you some knowledge to develop client-server application using network API.



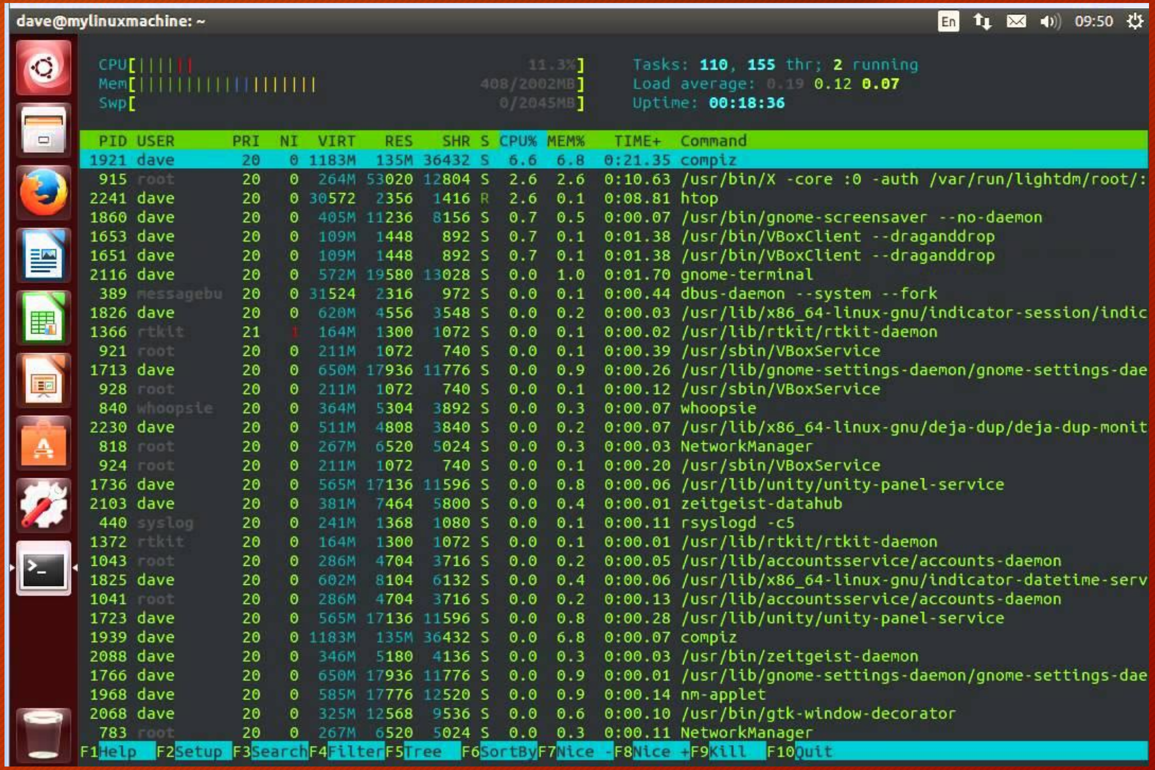
Server technology

This course will give you some knowledge and skill on how to manage Windows Server.



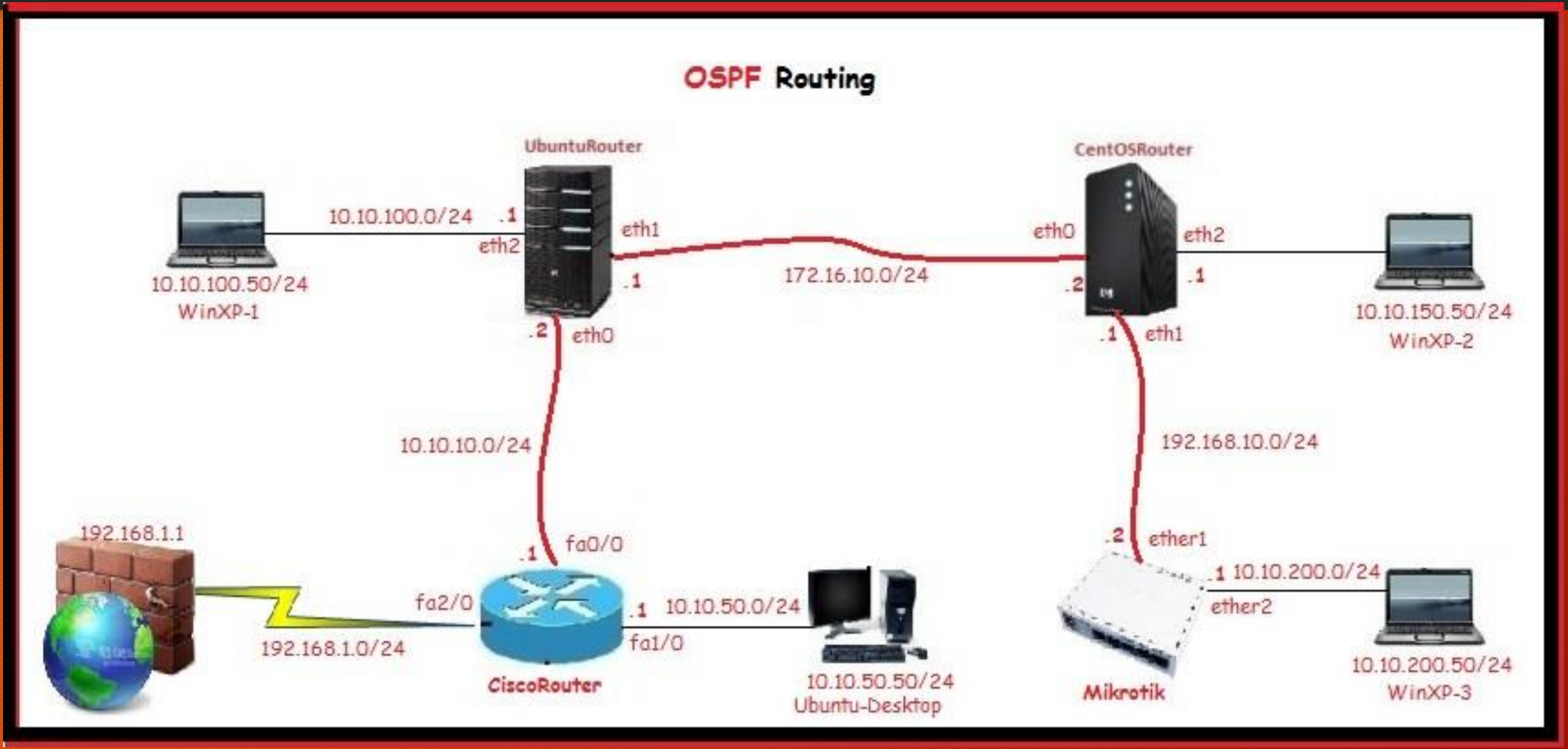
Linux Operating System

This course will give you some knowledge and skill on how to manage Linux based Server.



Current Popular Network Technology

This course will give you some knowledge and skill on how to manage computer network and Mikrotik devices.

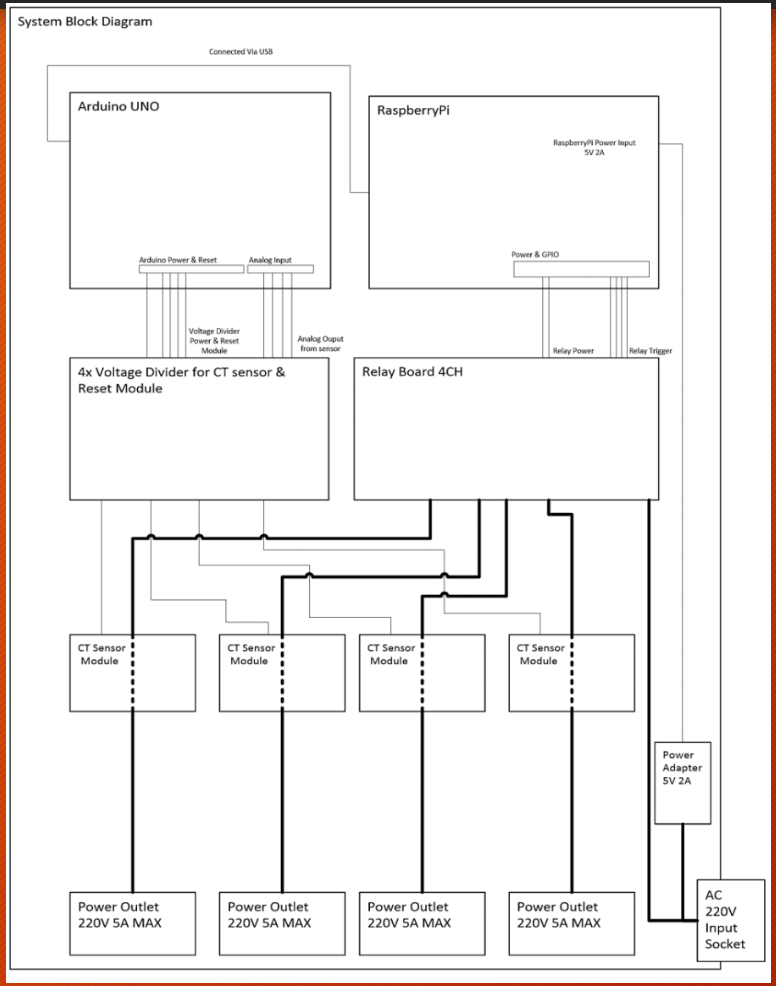


Student projects

Network Topology Generator and Device Security Assessment on Android Mobile Device.

Student project

Design and Implementation of Web Based Home Electrical Appliance Monitoring, Diagnosing, and Controlling System



career

Network Administrator

Network Engineer

Lecturer

Researcher

Research topic

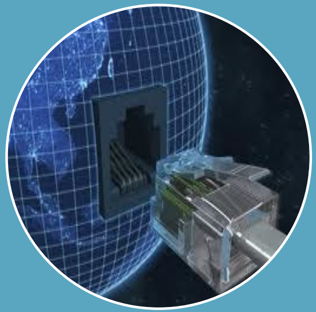
- Network Simulator
- Operating systems development
- Embedded Systems
- etc

Applied network

Mendalami teknologi jaringan komputer yang berbasis peralatan jaringan komputer CISCO (CISCO equipment)

Mata kuliah dasar untuk peminatan ini adalah Jaringan Komputer – A

Algoritma dan Pemproragam – A



Dengan menyelesaikan peminatan ini, mahasiswa akan memiliki pengetahuan dan ketrampilan mengelola jaringan komputer yang berbasis peralatan CISCO

Applied network

Proses Peminatan

- Akan dilakukan proses seleksi Peminatan Applied Networking
- Jika LOLOS akan diikutkan dalam kelas Applied Networking di Binus University
- Jika TIDAK LOLOS seleksi maka :
  - Opsi 1 : Akan diproses untuk peminatan selanjutnya (sesuai ketentuan yang berlaku untuk masing-masing peminatan tersebut), atau
- Opsi 2 : Mengikuti program credit earning melalui CCNA Course Binus Center

SyaratSeleksi Peminatan:

- Grade Nilai Akhir Algoritma dan Pemrograman = A
- Grade Nilai AKhir Jaringan Komputer = A
- IPK (s/d smt 3) >= 3.25
- TOEFL >= 500
- Jika peminat melebihi kapasitas maka nilai-nilai tersebut akan diranking

MATA KULIAH:

- Applied Networking 1
- Applied Networking 2
- Applied Networking 3

TOPIK SKRIPSI:

- Network Programming
- Socket Programming
- Network Based Application

Thank You