IN723 Lesson Plan

# Details

## Course: IN723 Advanced Networking

## Lesson Title: Layer 3 switching

# Objectives

The students will learn what the following features are, why they are needed, how they operate, how to configure them:

* Layer 3 switching
* Switch Virtual Interface
* Switch routed ports
* Layer 3 Etherchannel

# Resources

Layer 3 switch – broad overview

<https://www.lifewire.com/layer-3-switch-817583>

Switch evolution

<http://www.cisco.com/c/en/us/about/press/internet-protocol-journal/back-issues/table-contents-19/switch-evolution.html>

Configuring Etherchannel (L3)

<http://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3750x_3560x/software/release/12-2_55_se/configuration/guide/3750xscg/swethchl.html>

# Readings / Video

# Lesson Content / Labs

* Presentations

\IN723 Advanced Networking\IN723 Topic3 L3 Switch

* Labs

L3 Switching Lab - VIRL