IN723 Lesson Plan

# Details

## Course: IN723 Advanced Networking

## Lesson Title: Multi Protocol Label Switching (MPLS)

# Objectives

The students will understand, evaluate and implement solutions for secure service provider peer to peer VPNs using MPLS.

# Resources

**MPLS FAQ for beginners**

<http://www.cisco.com/c/en/us/support/docs/multiprotocol-label-switching-mpls/mpls/4649-mpls-faq-4649.html>

**MPLS Literature**

<http://www.cisco.com/c/en/us/products/ios-nx-os-software/multiprotocol-label-switching-mpls/index.html>

# Readings / Video

**What is MPLS?**

<https://www.youtube.com/watch?v=E5Ud1m9h0yc>

**MPLS L3 VPN in a nutshell**

<https://www.youtube.com/watch?v=MEWIdO40U54>

**Lynda.com**

<https://www.lynda.com/CISSP-tutorials/MPLS/516601/570208-4.html>

# Lesson Content / Labs

* Presentations

\IN723 Advanced Networking\IN723 Topic7 MPLS\IN723 MPLS Lesson1

\IN723 Advanced Networking\IN723 Topic7 MPLS\IN723 MPLS Lesson2

* Labs

\IN723 Advanced Networking\IN723 Topic7 MPLS\MPLS Lesson 1 Lab - VIRL

\IN723 Advanced Networking\IN723 Topic7 MPLS\MPLS Lesson 2 Lab - VIRL

\IN723 Advanced Networking\IN723 Topic7 MPLS\MPLS Lesson 3 Lab - VIRL