Course: CCNP Training

Duration: 40 Hrs (Changeable) | Fees: Individual / Batch

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- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
- CCNA, MCSA, CCNP
- AWS, GCP, Azure
- Odoo, SalesForce, Sap
- Microsoft Excel
- Ethical Hacking

IPv6

* IPv6 Introduction

* IPv6 Addressing

* IPv6 Address Types

* IPv6 Static Addressing

* IPv6 Static

* Default Routing

* OSPFv3 - IPv6 OSPF âž¢ EIGRP - IPv6

ROUTING REDISTRIBUTION

* Redistribution - Introduction

* EIGRP - RIP Redistribution

* OSPF - RIP Redistribution r

* OSPF - EIGRP Redistribution

EIGRP PROTOCOL

EIGRP CLASSIC

* EIGRP Routing

* EIGRP - Works explanation

* Verify EIGRP Process

* EIGRP Tables

* EIGRP Convergence

* Metric Path Calculation - PART 1

* EIGRP Configuration Metric Path Calculation - PART 2

* Successor - Feasible Successor

✳ Feasible Distance - Reporting Distance

✳ Feasibility Condition

EIGRP OPTIMIZATION

✳ EIGRP Load Balancing - Equal Cost

✳ EIGRP Load Balancing - unequal Cost

✳ EIGRP Stuck In Active

✳ EIGRP Stub

✳ EIGRP Summarization

EIGRP NAME MODE

✳ EIGRP Name Mode (THEORY)

✳ EIGRP Name Mode - Routing

✳ EIGRP Name Mode - Authentication ;

OSPF PROTOCOL

OSPF-BASIC

✳ Open Shortest Path First - OSPF

✳ OSPF - How it Works

✳ OSPF Neighbors

✳ OSPF Router -ID

✳ OSPF Link State Database -LSDB

✳ Exchanging LSDB

✳ Synchronize OSPF LSDB - Calculate Best Route

✳ Maintaining Neighbors - LSDB OSPF Tables

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OSPF SINGLE AREA

* OSPF Configuration - Syntax

* OSPF Wild card Mash

* OSPF Single Area-Prerequisite

* OSPF Single Area - Configuration

* OSPF Single Area - Verification

OSPF METRIC

* Calculate OSPF Best Routes

* OSPF Metric -Cost

* Changing Interface Bandwidth

* Default Reference Bandwidth - Limitations

* Manual Cost

* Auto Cost Reference Bandwidth

OSPF MULTI AREAÂ

* OSPF Single area - Limitations

* OSPF Multiple Areas

* Multiple Areas - Design Rules

* Multiple Areas - Configuration

* OSPFv2 Interface Advertisements

OSPF DR-BDR

* OSPF Network Types

* OSPF Broadcast Types - DR - BDR

* DR- BDR Elections

* OSPF DR-BDR - LAB

* OSPF Point to Point Links

OSPF ADVANCE

* OSPF Virtual Links

* OSPF LSA Types

OSPF STUBS

* OSPF STUBS

* OSPF STUBS - LAB

* OSPF Totally STUB

* OSPF Totally STUB - LAB

* NSSA - Not So Stubby Area

* NSSA - Not So Stubby Area - LAB

* Totally NSSA, STUBS REVIEW

AUTHENTICATION

* Routing Protocol Authentication

* EIGRP Authentication

* OSPF Authentication

* OSPF Interface level Authentication

ROUTE FILTERING

* Route Filtering - Introduction

* Passive Interface

* Passive Interface - LAB

* Distribution List

* IP Prefix-Lists

BGP ATTRIBUTES

* BGP Attributes

* AS-PATH - ORigin - NExthop

* BGP Weight A Local Preference

* Path Manipulation - Weight Attribute

* Weight Using Route-maps - LAB

* Understand IN - OUT Directions to Apply

* BGP Local Preference Attribute

* Local Preference with Route-Maps

VPN

* Virtual Private Networks

* VPN Types - Site to Site Remote Access

* VPN Logical Topologies VPN Default Lab Setup - Routers

* VPN Over Internet VPN Over Internet

* Generic Routing Encapsulation - GRE

MPLS

* MPLS introduction

* MPLS Labels - MPLS Stacks

* Sharing Label Information

✳ MPLS LDP Configuration

SWITCHING

✳ switching conceots

✳ initial configuration-commands

✳ virtual lan

✳ trunking

✳ dtp protocol

✳ inter vlan routing

(Click on Course for more details)

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- Thank You -

N.B:This syllabus is not final and can be customized as per requirements / updates.

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