

# CCNA SP 640-875 SPNGN1 Study Notes 2015

Cisco IP NGN Architecture:

Application Layer: Mobile Access, Residential Access, Business Access

Services Layer: Mobile Services, Video Services, Cloud Services

Cisco IP NGN Infrastructure Layer: Access, Aggregation, IP Edge, Core

Full Mesh Topology:  $n * (n-1) / 2$

OSI Model:

Application

Presentation

Session

Transport

Network

Data Link

Physical

Ports

20/21 & TCP - FTP

22 & TCP - SSH

23 - TCP & Telnet

25 - TCP & SMTP

53 & UDP , TCP & DNS

67, 68 & UDP & DHCP

69 & UDP & FTP

80 & TCP & HTTP

110 & TCP & POP3

161 & UDP & SNMP

443 & TCP & SSL (HTTPS)

IP Theory

# Spnngn1 Study Guide

**Ian Pickup**



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