

Building a Business Switched Network

This real-world network infrastructure training course prepares learners to configure and support a real business network. This is an entry-level networking skills training to configure and support a real business network. There's an acknowledged difference between the things you learn while studying for an exam and the skills you actually need on the job. There's no place where that knowledge gap is on greater display than building a network from scratch for a customer.

[CBT Nuggets course material](#) →

WEEK 1

Plan your Switch Architecture and Setup

161 min.

Scope and Purpose: Building and Configuring a Business Switched Network	3
Connections: From Patch Panel to Switch	16
Connections: Small Office Switch Architecture	20
Connections: Midsize Office Switch Architecture	23
Connections: Determining a Switch Platform	18
Project Design: Connecting Building Switches	22

Access and Connect to your Switch

Overview	1
Management Configuration: Accessing Switch Management Interfaces	11
Management Configuration: Setting Up Console Connections from Windows	9
Management Configuration: Setting Up Console Connections from OS X (Apple)	7

Perform the Formalities of Switch Configuration

Overview	1
Project Configuration: Setting up a Base Configuration on a Switch	28

WEEK 2

153 min.

Project Configuration: Developing a Network Device Naming Convention	12
Project Documentation: Creating Documentation for Reals	27

Perform Common Switch Configurations

Overview	1
Project Configuration: Setting up Core Link Aggregation (LAG)	18
Project Configuration: Configuring LAG to an Edge Switch	22
Project Configuration: Configuring Core Spanning Tree	29
Project Configuration: Network Chaos and Spanning Tree to the Edge	20
Project Configuration: Switch Port Security	23

WEEK 3

	7 min.
Network Discovery	6