CCVP Qos (642-642) Quick Learning

The following Quick Learning Modules are focused on a specific lesson or topic from the current QOS curriculum. This content is only accessible by Registered Users. If you have not yet registered, you will be prompted to register, before proceeding to access this content. **Introduction to Modular QoS CLI** By the end of this module you will be able to: · Define the purpose and uses of Modular QoS CLI · Describe the basic functions of class maps, policy maps and service policies · Describe how to configure class maps, policy maps and service policies using MQC commands · Monitor class maps, policy maps and service policies using MQC commands Watch Now **Congestion Management Configuring CBWFQ and LLQ]** By the end of this module you will be able to: · Explain the purpose, features and benefits of CBWFQ · Describe Class-based Weighted Fair Queuing (CBWFQ) features and explain how CBWFQ works using a block diagram · Explain the purpose, features and benefits of Low-Latency Queuing (LLQ) · Explain how LLQ works using a block diagram and identify situations in which LLQ is most appropriate for providing QoS · Configure CBWFQ and LLQ to manage congestion. Watch Now **Congestion Avoidance Introducing RED and WRED]** By the end of this module you will be able to you will be able to: · Describe RED and how it can be used to prevent congestion · Describe the elements of a RED traffic profile used to implement the RED packet-dropping strategy · Describe the different packet drop modes of RED · Describe the effects of using RED on TCP traffic by comparing TCP traffic flows both before and after the application of RED · Identify the points in a network where congestion avoidance mechanisms are commonly deployed in enterprise and service provider networks · Describe WRED and how it can be used to prevent congestion · Describe the traffic profiles used in WRED implementations · Identify the Cisco IOS commands required to configure CB-WRED and DSCP-based CB-WRED Watch Now