



GlobalNet Training & Consulting, Inc.

The exclusive home of official Todd Lammle Cisco authorized training

CCVP® 12-Day Training Boot Camp Course Outline

Monday :

Describe the function and interoperation of CUCM

Install and set up a CUCM cluster

Describe and configure Cisco Unified Communications Manager to support on-cluster calling

Tuesday:

Configure a route plan for Cisco Unified Communications Manager to support off-net calling

Describe and configure Cisco Unified Communications Manager media resources

Configure the Cisco Unified Communications Manager to support features and applications

Wednesday:

Manage Tcl and VXML call applications on a gateway

Describe and implement centralized call processing redundancy

Describe and configure a multi-site dial plan for Cisco Unified Communications Manager

Thursday AM:

Review and Test CUCM Single Site Deployments

Thursday PM:

Introduce CUCM in a Multi Site Deployment

Implement mobility in an IP Telephony network

Friday:

Implement bandwidth management and Call Admission Control

Describe and configure Cisco Unified Communications Manager media resources

Configure the Cisco Unified Communications Manager to support features and applications

Saturday:

Secure an IP Telephony network

Review and Test CUCM Multi Site Deployment

Sunday:

Introduction to IP QoS Fundamentals

Introduction to Modular QoS CLI and Auto-QoS



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Monday:

Classification and Marking
Implementing Congestion Management
Implementing Congestion Avoidance

Tuesday:

Traffic Policing and Shaping
Link Efficiency Mechanisms
QoS Best Practices

Wednesday AM:

Review and test QoS

Wednesday PM:

Troubleshoot call setup issues
Troubleshoot database issues

Thursday

Troubleshoot media resources
Troubleshoot voice quality issues

Friday AM:

Review and test TUC – End of Core Voice Technologies II boot camp.

Cisco CCVP Requirements:

CCNA R&S Must have current CCNA R&S to be awarded a CCVP

CCNA Voice Must have passed CVoice and received CCNA Voice to be awarded CCVP