

**Course Description:** The Cisco Certified Voice Professional certification is a new certification focusing on Voice over IP technologies. The CCVP consists of 5 examinations and a current CCNA certification. CCVP Boot Camp course is split into three - one week classes. Each class runs at an accelerated pace, with extended hours, 8:00 AM to 8:00 PM each day. Each class covers two of the six courses needed to pass the CCVP examinations. The three weeks combined focus on presenting the core competencies associated with Cisco IP Telephony converged networks. The purpose of these courses is to provide the student with adequate knowledge needed to pass five key certification tests required to attain the advanced Cisco Certified Voice Professional (CCVP) certification.

**Who Should Attend:** This course is for Network Engineers who will be designing IP Telephony solutions that include the deployment of Cisco Call Manager software and associated VoIP equipment.

**Prerequisites:** Prior to attending this week of the BootCamp, the student should have: \* Interconnecting Cisco Network Devices (ICND); \* Cisco CCNA® certification recommended prerequisite; \* Building Cisco Multilayer Switched Networks (BCMSN); and \* Cisco Voice over IP (CVOICE).

**Benefits of Attendance:** Upon completion of this course, students will be able to:

- Deploy a Cisco CallManager server in a cluster by using a supported IP telephony deployment model
- Configure Cisco CallManager and the Cisco Catalyst switch to enable on-cluster calls and add users, phones, and Cisco IP Communicator to the Cisco CallManager database using manual configuration, auto-registration, or BAT
- Configure Cisco gateways and intercluster trunks, create hunt groups, and create a route plan in Cisco CallManager to enable calling to remote clusters so that the WAN is not oversubscribed, calls are preserved if the WAN fails, and user calling restrictions are in place
- Configure Cisco CallManager to enable features and services, including conferencing, music on hold (MOH), speed dials, Call Park, Call Pickup, Cisco Call Back, Barge, Privacy, Cisco IP Phone Services, Cisco CallManager Extension Mobility, Cisco CallManager Attendant Console, and Cisco IP Manager Assistant (IPMA) and also use these features on Cisco IP Phones
- Configure Cisco CallManager and the client PC to enable Cisco CallManager Attendant Console and Cisco IPMA