



Systems
Information
Technology

Cisco Course Catalog

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Big Data Analytics

ANCISB: DESIGNING, DEVELOPING, AND CONFIGURING CIS v1.0

Length: 5 days

Price: \$3,895.00

CLC: 39

Designing, Developing, and configuring CIS v1.0 is a 5-day course designed for the student to become familiar with the principles of data virtualization. This data virtualization training course will help Cisco training students learn the skills necessary to implement data virtualization including data source introspection, views, procedures, publishing, and to understand governance topics such as query optimization, caching, security.

ANCISV: ADVANCED DESIGNING, DEVELOPING, AND CONFIGURING CIS v1.0

Length: 4 days

Price: \$3,895.00

CLC: 39

Advanced Designing, Developing, and Configuring CIS (ANCISV) v1.0 is a four-day instructor-led course that addresses engineers and administrators who are already familiar with Cisco Data Virtualization “basics” and want to focus on advanced Cisco Information Server features. Prerequisites to this Cisco Virtualization training class include having a working understanding of databases and SQL concepts, basic Windows skills, along with a rudimentary understanding of Web Services and completion of Designing, Developing, and Configuring Cisco Information Server (ANCISB) v1.0. Develop your acumen by learning about Advanced Connecting and Transforming Data, Advanced Procedures, Advanced Operation, and Advanced Platform Experience.

ANDMA: ADVANCED BIG DATA ANALYTICS, ARCHITECTURE, MANAGEMENT, AND APPLICATIONS v1.0

Length: 4 days

Price: \$3,895.00

CLC: 39

Advanced Big Data Analytics, Architecture, Management, and Applications (ANDMA) v1.0 is a 4-day Cisco IT training course designed to prepare data center architects in major architecture design features to cater to different needs of application, data center, or deployment requirements. This Cisco online training course will enable the student to choose and design scalable, reliable, and intelligent data center solutions using Cisco UCS Integrated Infrastructure for Big Data and Analytics (formerly known as CPA for Big Data v4). The course will explain how the reference architectures are carefully designed, optimized, and tested with the leading big data software distributions to achieve a balance of performance and capacity to address specific application requirements. The Cisco Certified Architect course will cover big data architecture and Cisco end-to-end supported deployments. Lessons will include scaling to thousands of big data nodes with Cisco ACI, business analytics with Splunk and CSA, Lambda architecture for Cisco Integrated Infrastructure for Big Data and Analytics, SQL on Hadoop, Data Life Cycle management, and end to end automation with Cisco UCS Director Express for Big Data. The student will leave with an understanding of the benefits for supported environments with Cisco UCS Integrated Infrastructure for Big Data and Analytics.



ANDMB: BIG DATA ANALYTICS, ARCHITECTURE, AND MANAGEMENT V1.0

Length: 4 days

Price: \$3,895.00

CLC: 39

Big Data Analytics, Architecture, and Management (ANDMB) v1.0 is a 4-day course intended to enable the student to choose and design scalable, reliable, and intelligent data center solutions using Cisco UCS Integrated Infrastructure for Big Data and Analytics (formerly known as CPA for Big Data v4). The Big Data Analytics training course will explain how the reference architectures are carefully designed, optimized, and tested with the leading big data software distributions to achieve a balance of performance and capacity to address specific application requirements. This Cisco UCS training course will cover big data fundamentals and architecture. Lessons will explore Hadoop, streaming analytics, performance tuning and UCS Director Express for Big Data. The student will leave with an introductory understanding of the benefits of Cisco UCS Integrated Infrastructure for Big Data and Analytics.

Cisco Prime

CENPI: CISCO PRIME INFRASTRUCTURE TRAINING V3.2

Length: 5 Days

Price: \$3,895.00

CLC: 39

Configuring Enterprise Networks with Prime Infrastructure v3.2 (CENPI) is a 5-day instructor-led course that provides learners with the knowledge and skills to deploy, manage, and maintain a Cisco Prime Infrastructure 3.2 server. This Unified Access solution lets you manage a traditional wired and wireless network using a single network management tool. You manage a traditional wired and wireless network using a single network management tool. The Cisco Prime Infrastructure training labs put you in a realistic customer scenario and let you practice what you learned. Learn more about this Cisco Prime training and all of our CENPI courses we offer here at Systems Information Technology.

MENPI: MANAGING ENTERPRISE NETWORKS WITH CISCO PRIME INFRASTRUCTURE

Length: 5 Days

Price: \$3,750.00

CLC: 38

In this Cisco Prime Infrastructure training course, you will learn how to design, deploy, operate, and optimize enterprise networks with the Cisco Prime Infrastructure solution (PI). Cisco Prime Infrastructure is part of a Unified Access solution that converges traditional wired and wireless networks into a single network management tool. The Managing Enterprise Networks labs put you in a realistic customer scenario and let you practice what you learned using Cisco Prime Infrastructure 3.2. This MENPI training course's network management perspective has a heavier lean to the wired side of the network management. We suggest students have a working understanding of networks and networking terminology with regards to CCNA Routing and Switching.



Cloud

CCDAW: CISCO CLOUDCENTER DEPLOYMENT & ADMINISTRATION WORKSHOP

Length: 3 days

Price: \$3,295.00

CLC: 33

This is an instructor-led Cisco training course that will help you become familiar with the Cisco CloudCenter cloud management automation platform, with application modeling, deployment automation across multiple clouds, and other cloud automation features. This CCDAW learning course will also provide you with CloudCenter use cases and solutions, as well as management integration with Cisco UCS Director, Cisco ACI fabric, and other management tools. For learners seeking to understand the architecture, component, and operation of Cisco CloudCenter, we recommend reaching out to us at Systems Information Technology for additional information.

CLDACI: BUILDING THE CISCO CLOUD WITH APPLICATION CENTRIC INFRASTRUCTURE V1.0

Length: 5 days

Price: \$4,595.00

CLC: 46

Building the Cisco Cloud with Application Centric Infrastructure (CLDACI) v1.0 is a new 5-day ILT course designed to help students prepare for the CCNP Cloud certification, a professional level certification specializing in Cloud technologies. Our online Cisco training courses are designed and developed with the learner in mind, making sure that the material covers all of the information you'll need to know to complete your Cisco Cloud Certification. This Cisco CCNP course extensively covers the process of implementing public, private, and hybrid cloud based on Cisco ACI. You'll complete this CCNP training with the knowledge needed to advance your career and work in the Cisco Cloud environment.

CLDADM: INTRODUCING CISCO CLOUD ADMINISTRATION V1.0

Length: 5 days

Price: \$4,295.00

CLC: 43

Systems Information Technology Introduces Cisco Cloud Administration (CLDADM) v1.0, a 5-day training program that will help prepare you for the CCNA Cloud certification, an associate-level certification specializing in cloud technologies. Upon completing this course, you will be armed with the necessary knowledge and skills to perform the essentials of cloud administration and operations. Recommended prerequisites include CLDFND - Understanding Cisco Cloud Fundamentals v1.0. Data center engineers and network engineers will be pleased to learn that this Cisco Cloud training course is part of the CCNA Cloud certification track.

CLDDES: DESIGNING THE CISCO CLOUD V1.1

Length: 5 days

Price: \$4,295.00

CLC: 43

Designing the Cisco Cloud (CLDDES) is a new 5-day ILT course designed to help students prepare for the CCNP Cloud certification, a professional level certification specializing in Cloud technologies. This course is designed to provide students with the necessary knowledge and hands-on skills to design cloud deployments using the Cisco Cloud portfolio. It is highly recommended that students



have a good understanding of Cisco Cloud Fundamentals and Introduction to Cisco Cloud Administration upon entering this Cisco training course from Systems Information Technology.

CLDFND: UNDERSTANDING CISCO CLOUD FUNDAMENTALS v1.0

Length: 5 days Price: \$4,295.00 CLC: 43

Understanding Cisco Cloud Fundamentals (CLDFND) v1.0 is a 5-day training program that provides you with the necessary knowledge and skills to perform foundational tasks related to cloud computing and helps prepare you for the CCNA Cloud certification, an associate-level certification specializing in cloud technologies. Systems Information Technology recommends that students who take the CLDFND training come with a working knowledge of network fundamentals, compute fundamentals, and storage fundamentals. The Cisco Cloud training course will prepare students for real-world scenarios related to common cloud characteristics, cloud service models, cloud deployment models and more.

CLDINF: IMPLEMENTING AND TROUBLESHOOTING THE CISCO CLOUD INFRASTRUCTURE v1.0

Length: 5 days Price: \$4,295.00 CLC: 43

Implementing and Troubleshooting the Cisco Cloud Infrastructure (CLDINF) v1.0 is a newly created five-day instructor-led training designed to prepare you with the knowledge and hands-on experience to implement and troubleshooting Cisco cloud infrastructure. The hands-on labs give you the knowledge to configure various cloud infrastructure components, such as Cisco Unified Computing System (UCS), Cisco UCS Director (UCSD), Cisco UCS Director Bare Metal Agent (BMA), Cisco MDS switches, Cisco Nexus 5500 Series switches, Cisco Nexus Cisco Nexus 1000v and Cisco Cloud Services Router (CSR).

OCDCU: DEPLOYING OPENSTACK CLOUD – FUNDAMENTALS v3.0

Length: 3 days Price: \$3,895.00 CLC: 39

Deploying OpenStack Cloud - Fundamentals (OCDCU) v3.0 is a 3-day instructor-led Cisco training course designed for Systems and Field Engineers, Consulting Systems Engineers, Technical Solutions Architects, Integrators, and Partners. The course is targeted towards individuals who are responsible for installation, configuration, and the implementation of an OpenStack Cloud. This OpenStack course covers the key components and procedures needed to install, configure, and deploy OpenStack Cloud using Cisco Unified Computing System hardware.

This course will provide hands-on lab exercises utilizing Cisco Unified Computing System (UCS) hardware. Students will perform hands-on lab exercises that were created to teach the necessary skills to install, configure, and deploy an OpenStack Cloud on Cisco UCS hardware.

UCSDACI: DESIGNING AND DEPLOYING CISCO UCS DIRECTOR WITH ACI v5.4

Length: 5 days Price: \$4,595.00 CLC: 46

Designing and Deploying Cisco UCS Director with ACI (UCSDACI) v5.4 is 5-day instructor-led, hands-on course that enables participants to understand the different features of UCS Director software to





manage Physical and Virtual Infrastructure elements including ACI. Participants will get a chance to explore the Orchestration and Automation functions of Cisco UCS Director to effectively manage infrastructure and automate IT processes. Participants will get hands-on experience to install and configure Cisco UCS Director software. Also, participants will understand functionality around features such as Bare metal provisioning, Compute/Network/Storage Management, Orchestration including APIC, Cloupiascript, SSH and PowerShell Tasks, UCS Director Custom Tasks, etc.

Note: Running ACI 2.0 and UCS Director 5.5

If you're looking for effective UCS Director training to help further your understanding of this Cisco product, our Cisco training course from Systems Information Technology will help advance your IT career.

UCSDAV: ADVANCED UCS DIRECTOR ORCHESTRATION AND WORKFLOWS v1.0

Length: 2 days

Price: \$2,395.00

CLC: 24

This advanced UCS Director course is a 2-day hands-on workshop that enables participants to configure UCS Director software to manage integrated infrastructure. Participants of this Cisco UCS training course will be given a set of requirements to implement using the UCS Director solution on infrastructure using various scenarios. Grow in your understanding of Cloupiascript, creating custom tasks, deploying PowerShell Scripting, implementing SSH Scripting, and much more in this Cisco UCS class devoted to Advanced UCS Director Orchestration and Workflows.

Collaboration, Voice, and Video

ACUCM: ADMINISTERING CISCO UNIFIED COMMUNICATIONS MANAGER v11.0

Length: 3 days

Price: \$2,695.00

CLC: 27

Administering Cisco Unified Communications Manager (ACUCM) v11.0 is a 3-day training program that provides system administrators and networking professionals with an understanding of the Cisco Unified Communications Manager System. The Cisco IT training course teaches the concepts of IP telephony based in system administration, including its function, features, and configuration. This is an entry-level IP telephony course that begins with the basic concepts of IP telephony and very quickly moves the learner forward into an understanding of system concepts: clustering, creation of phones and users, route plans, digit manipulation, media resources, and phone features, which are all important to supporting IP telephony in the enterprise network. The course focuses on Cisco Unified Communications Manager version v11.x.

The course is geared to individuals that will be using and managing the system and performing administration for Level 1 and Level 2 support. Level 1 support is geared toward supporting phone users and making moves, adds, and changes to the desktop phone environment. Level 2 support is oriented to supporting changes in the organization, such as opening new office locations or relocating departments. The Cisco training course does not cover issues of initial deployment, new cluster deployment or international deployments. Also, the course does not cover issues with the underlying network that involve routers, switches, or Cisco IOS software configuration.





This information technology course includes various lab exercises to apply what was learned in each preceding lesson. Labs begin with a newly installed publisher and subscriber. The only element that is preconfigured is two MGCP gateways, for the headquarters (HQ) and branch (BR), and an intercluster trunk pointing to the neighbor's pod. Therefore, the student will become familiar with all the various concepts through the configuration of the elements in the lab environment.

ACUCM WITH AUC: ADMINISTERING CISCO UNIFIED COMMUNICATIONS MANAGER AND UNITY CONNECTION

Length: 5 days

Price: \$3,795.00

CLC: 38

Administering Cisco Unified Communications Manager (ACUCM with AUC) is a 5-day training program that provides system administrators and networking professionals with an understanding of the Cisco Unified Communications Manager System. This course teaches the concepts of IP telephony based in system administration, including its function, features, and configuration.

This is an entry-level course that begins with the basic concepts of IP telephony and very quickly moves the learner forward into an understanding of system concepts: clustering, creation of phones and users, route plans, digit manipulation, media resources, and phone features, which are all important to supporting IP telephony in the enterprise network. This UCS training course focuses on Cisco Unified Communications Manager v11.x. All labs are using CUCM v11.x.

This online Cisco IT class includes various lab exercises to apply what was learned in each preceding lesson. Labs begin with a newly installed publisher and subscriber. The only element that is preconfigured is two MGCP gateways, for the headquarters (HQ) and branch (BR), and an intercluster trunk pointing to the neighbor's pod. Therefore, the student will become familiar with all the various concepts through the configuration of the elements in the lab environment.

Our online Cisco training course is geared to individuals that will be using and managing the system and performing administration for Level 1 and Level 2 support. Level 1 support is geared toward supporting phone users and making moves, adds, and changes to the desktop phone environment. Level 2 support is oriented to supporting changes in the organization, such as opening new office locations or relocating departments. The course does not cover issues of initial deployment, new cluster deployment or international deployments. Also, the course does not cover issues with the underlying network that involve routers, switches, or Cisco IOS software configuration.

Administering Cisco Unity Connection (AUC) describes Cisco Unity Connection administration features, options, and configuration settings as they apply to the administrator. The course presents the Cisco Unity Connection with the focused goal of providing the administrators with the necessary skills to perform their day-to-day job functions using the Cisco Unity Connection system.

AUCCE1: ADMINISTERING UNIFIED CONTACT CENTER ENTERPRISE WITH CVP, PART 1 v11.0

Length: 5 days

Price: \$4,195.00

CLC: 42

Administering Cisco Unified Contact Center Enterprise Part 1 (AUCCE Part 1) is a 5-day instructor-led course intended for system engineers and customers who will be involved with day two support of a UCCE solution deployed in a CVP comprehensive environment.





AUCCE Part 1 course gives the learner an understanding of the requirements, resources and tools needed to perform routine adds, moves and changes in the inbound/outbound UCCE environment. This CCNA online training course is intended for those administering the solution, or who may be responsible for Level 1-2 support of the solution. This online IT training course also serves as a good stepping-stone for the corresponding Administering Cisco Unified Contact Center Enterprise Part 2 (AUCCE Part 2) course and should be considered as a prerequisite before taking Part 2. The overall goal of this online Cisco IT class is to build an effective administrator of the solution by exposing the technical requirements of the solution and utilizing the solution tools for effective operation. The learner will be exposed to CCE (ICM) and VXML scripting in this course to ensure basic competence with the solution.

AUCCE2: ADMINISTERING UNIFIED CONTACT CENTER ENTERPRISE WITH CVP, PART 2 v11.0

Length: 5 days

Price: \$4,195.00

CLC: 42

Administering Cisco Unified Contact Center Enterprise Part 2 (AUCCE2) is an Advanced 5-day instructor-led course for system engineers and customers who will be involved with day two support of a UCCE solution deployed in a CVP comprehensive environment. This Cisco UCCE course gives the learner an understanding of the requirements, resources, and tools required to perform complex adds moves, and changes in the inbound/outbound UCCE environment.

This course is intended for those performing advanced administration of the solution, or who may be responsible for Level 2-3 support of the solution. The AUCCE Part 1 course or equivalent prior experience is a prerequisite for attending this course. The overall goal of this online Cisco IT class is to develop advanced administration of the solution by a deeper exposure into the technical, operational requirements and the tools used to configure and ensure functionality.

CAPPS: IMPLEMENTING CISCO COLLABORATION APPLICATIONS v1.0

Length: 5 days

Price: \$3,695.00

CLC: 37

Integrating Cisco Unified Communications Applications (CAPPS) v1.0 is a 5-day training program that prepares the learner for integrating Cisco Unity Connection, Cisco Unity Express, Cisco Unified IM and Presence, and video into a Collaboration deployment. It describes voice messaging deployment scenarios, Cisco Unified Presence features, and troubleshooting mechanisms as well as Cisco Unified IM and Presence and Cisco Jabber integration options with Cisco Unified Communications Manager.

CICD: IMPLEMENTING CISCO COLLABORATION DEVICES v1.0

Length: 5 days

Price: \$3,695.00

CLC: 37

Implementing Cisco Collaboration Devices (CICD) v1.0 is a 5-day training program that follows the ICOMM blueprint. The primary difference is that video topics have been added to the course and Cisco Unity Express has been removed. CICD v1.0 also introduces a new type of lab called a Discovery lab. Discovery labs are a learning environment and enable students to learn about principles and technology in a more interactive, hands-on way. Discovery labs are located in the Student Guide embedded in the lessons and are intended to be performed by the students when they reach them





in the course. Discovery labs replace content from ICOMM with an interactive learning environment and are considered mandatory and should be treated as a part of the lesson.

CIPTV1: IMPLEMENTING CISCO IP TELEPHONY & VIDEO, PART 1 v1.0

Length: 5 days **Price: \$3,695.00** **CLC: 37**

Implementing Cisco IP Telephony & Video, Part 1 (CIPTV1) v1.0 is a five-day course that prepares the learner for implementing a Cisco Collaboration solution at a single-site environment. This course focuses primarily on Cisco Unified Communications Manager Version 10.x, which is the call-routing and signaling component for the Cisco Collaboration solution.

Lab exercises included in the course help learners to perform post-installation tasks, configure Cisco Unified Communications Manager, implement MGCP and H.323 and, SIP trunks, and build dial plans to place single site on-cluster and off-cluster calling for voice and video. Learners will also implement media resources, audio and video conferencing, and describe QoS.

CIPTV2: IMPLEMENTING CISCO IP TELEPHONE AND VIDEO, PART 2 v1.0

Length: 5 days **Price: \$3,695.00** **CLC: 37**

Implementing Cisco IP Telephony Video, Part 2 (CIPTV2) v1.0 is a five-day course that prepares the learner for implementing Cisco Unified Communications Manager, Cisco VCS-C, and Cisco Expressway series in a multisite voice and video network. It covers globalized call routing, URI call routing, global dial plan replication based on the ILS, Cisco Unified SRST, mobility features, calls admission control, integration of Cisco VCS and Cisco Unified Communications Manager, and Cisco Mobile Remote access on Cisco Expressway Series.

CIVND: IMPLEMENTING CISCO VIDEO NETWORK DEVICES, PART 1 AND PART 2 v1.0

Length: 5 days **Price: \$4,995.00** **CLC: 50**

Implementing Cisco Video Network Devices (CIVND) v1.0 5-day training program is an update to the Implementing Cisco Video Network Devices v1.0 (VIVND) course. It will help you prepare for the CCNA Collaboration certification. This course includes a combination of the self-paced (CIVND1) and classroom (CIVND2) learning for optimal instruction. This CCNA study is perfect for network administrators, systems engineers, and other IT professionals looking to advance their career.

Part 1 of Implementing Cisco Video Network Devices v1.0 (self-study material) provides you with the necessary knowledge to describe characteristics of Cisco video solutions and assess the requirements for a successful implementation of a video solution. The course describes the characteristics of a video solution and enables you to evaluate the general requirements for video deployments such as codec options, media formats, protocols, network impact, high-level architectural components, interactions, and requisites to the environment. The CCNA exam preparation is thorough and offers a robust knowledge of video network devices and how to use them in a practical setting.

Part 2 of Implementing Cisco Video Network Devices v1.0 (classroom portion) is designed to provide you with the necessary knowledge and skills to implement various Cisco video endpoints in





converged Cisco video infrastructures. It will describe Cisco Business Video solutions and enable you to implement and troubleshoot Cisco Unified Communication and Collaboration, TelePresence, and Digital Media Player in different Cisco Business Video solution architectures.

The software applications that are covered in this course include:

- Cisco Unified Communications Manager
- Cisco Unified Communications Manager IM and Presence
- Cisco TelePresence Video Communication Server
- Cisco TelePresence Multipoint Controller Unit
- Cisco TMS Server

Part 1 is a self-study PDF course bundled in with Part 2 which is the 5-day instructor-led class. The CCNA online training is used in conjunction with in-person learning, so you get the best of both worlds. If you have questions about this or any of our other CCNA exam preparation courses, contact our team. We will provide you with answers and ensure you are getting the CCNA study that you need.

CSPARK: SPARK COLLABORATION WORKSHOP

Length: 2 days

Price: \$2,295.00

CLC: 23

Cisco Spark is an app-centric, cloud-based service that provides a complete collaboration suite for teams to create, meet, message, call, care, whiteboard, and share, regardless of whether they're together or apart—in one continuous work stream before, during, and after meetings. Being able to understand how this works and what the features are is the key focus of this 2-day course. Systems Information Technology's CSPARK training should be taken by students who have a working understanding of Cisco Collaboration Products. This Cisco Spark Training will help students be able to describe Cisco Spark, comprehend Cisco Spark Meetings, and grasp Cisco Spark Messaging, among much more. This course is intended to be taken by system engineers, system administrators, architects, and channel partners.

CTCOLLAB: TROUBLESHOOTING CISCO IP TELEPHONY AND VIDEO v1.0

Length: 5 days

Price: \$3,395.00

CLC: 34

Troubleshooting Cisco IP Telephony Video (CTCOLLAB) v1.0 is a five-day Cisco IT training course that prepares the learner for troubleshooting Cisco Unified Communications Manager, Cisco VCS-C, and Cisco Expressway series in a multisite voice and video network. The CTCOLLAB training course teaches troubleshooting methodology, triage, resources, tools, and fixes at the integrated system or solution level for Cisco Collaboration Solutions. Troubleshooting Cisco IP Telephony Video covers troubleshooting of Cisco Unified Communications Manager, VCS Control, and VCS Expressway, issues with Call Setup, issues with ILS, Cisco Unified Communications Manager Mobility Features, Cisco TelePresence Management Suite, and issues with Voice Quality and Media Resources.





DCJAB: DEPLOYING CISCO JABBER

Length: 2 days

Price: \$1,995.00

CLC: 20

Deploying Cisco Jabber (DCJAB) is a 2-day training program designed to provide the necessary skills to deploy a Cisco Jabber on-premise solution. During class, we will train Cisco Unified Communications administrators to meet the deployment requirements by configuring DNS, CUCM and IM&P servers, profile pictures, and Microsoft Active Directory in preparation for deployment of an on-premise Cisco Jabber solution.

If you're an IT professional seeking to learn more about Cisco Jabber cloud deployment or Cisco Jabber training itself, this course offered by Systems Information Technology is a valuable experience.

DUCCE: DEPLOYING CISCO UNIFIED CONTACT CENTER ENTERPRISE V10.0

Length: 5 days

Price: \$3,995.00

CLC: 40

Deploying Cisco Unified Contact Center Enterprise (DUCCE) v10.0 is a 5-day instructor-led Cisco training program presented by training partners to system engineers and customers who will be involved with day-to-day interaction with the Cisco Unified Contact Center Enterprise (CCE) product. This course will give you an understanding of the Cisco Unified CCE deployment capabilities, processes, fault tolerance, installation, and basic troubleshooting. You will accomplish this by installing the Cisco Unified CCE software and introducing Cisco Unified CCE troubleshooting tools.

IUC: IMPLEMENTING CISCO UNITY CONNECTION V8.0

Length: 3 days

Price: \$3,495.00

CLC: 35

Implementing Cisco Unity Connection (IUC) v8.0 is a 3-day training program that describes Cisco Unity Connection installation, networking, and advanced features, options, and configuration settings. This course presents Cisco Unity Connection with the focused goal of providing engineers and installers with the necessary skills to perform the installation and setup of the Cisco Unity Connection 8.x system.

QoS: IMPLEMENTING CISCO QUALITY OF SERVICE V2.5

Length: 5 days

Price: \$3,395.00

CLC: 34

Implementing Cisco Quality of Service (QoS) v2.5 is a 5-day training program that provides learners with in-depth knowledge of QoS requirements, conceptual models such as best effort, IntServ, and DiffServ, and the implementation of QoS on Cisco platforms. The curriculum covers the theory of QoS, design issues, and configuration of various QoS mechanisms to facilitate the creation of effective administrative policies providing QoS.

Case studies and lab exercises included in the course help learners to apply the concepts from the individual modules to real-life scenarios. The course also gives learners design and usage rules for advanced QoS features. This gives the learners the opportunity to design and implement efficient, optimal, and trouble-free multiservice networks.





UCCXA: CISCO UNIFIED CONTACT CENTER EXPRESS ADVANCED V4.0

Length: 5 days

Price: \$3,895.00

CLC: 39

Cisco Unified Contact Center Express Advanced (UCCXA) v4.0 is a 5-day Cisco UCCX training program. Students of this Cisco UCCX training course build on the knowledge and scripting experience gained in the prerequisite UCCXD course by exploring more advanced techniques in scripting as well as the overall Unified Contact Center Express (CCX) v8 functionality. This UCCX training will take the skills that you learned in the previous class to the next level of expertise. You'll learn to implement features that extend the functionality of Unified CCX using many of the tools available in the Premium version of the product. You will also invoke behaviors that involve web-based applications, such as Web Callback Option and Leave a Message in Queue. Our Cisco Contact Center Training offers skill building that can help you advance your career or help keep your company's contact center running smoothly. Our UCCX training is hands-on and paced to keep you challenged and engaged. Join the many other IT professionals who have benefitted from our Cisco UCCX training!

There is a major focus on hands-on labs so you can fully grasp scripting and best practices as well as troubleshooting and repairing broken scripts.

UCCXD: DEPLOYING CISCO UNIFIED CONTACT CENTER EXPRESS V6.0

Length: 5 days

Price: \$3,895.00

CLC: 39

Deploying Cisco Unified Contact Center Express (UCCXD) v6.0 provides the student with hands-on experience and knowledge of tasks typically performed during contact center deployment. This 5-day course includes the deployment of Cisco Unified Contact Center Express v11x (Cisco Unified CCX) and Cisco Unified IP Interactive Voice Response (Cisco Unified IP IVR) as contact center solutions. Tasks include planning, installation, and configuration, scripting, and troubleshooting.

By the end of this Cisco UCCX training course, students will be able to provide a comprehensive overview of the entire Cisco Unified Contact Center Express product suite.

VII: CISCO VIDEO INFRASTRUCTURE IMPLEMENTATION V2017

Length: 5 days

Price: \$4,995.00

CLC: 50

Video Infrastructure Implementation (VII) v2017 replaces the Implementing Cisco TelePresence Video Solutions (VTVS2) course to help students prepare for the Cisco TelePresence Video Specialist Certification. This Cisco TelePresence training course is designed to teach technicians to install/configure, operate, and maintain core visual communication components for both premise and cloud-based video and TelePresence solutions. Cisco video/UC infrastructure including Expressway (or VCS), Unified Communications Manager (UCM), Cisco Meeting Server (CMS), TelePresence Server, Conductor and TMS will be configured to work in premise-based solutions as well as with Cisco Spark and Cisco WebEx cloud solutions. Systems engineers, collaboration tools engineers, communications engineers, along with network video operators and administrators are strong candidates for taking this Cisco Video Infrastructure Implementation course.





VTVS1&2: IMPLEMENTING CISCO TELEPRESENCE VIDEO SOLUTIONS, PART 1 & 2

Length: 5 days

Price: \$4,995.00

CLC: 50

Implementing Cisco TelePresence Video Solutions (VTVS1&2) is a 5-day training program that is designed to explain implementing, supporting, and troubleshooting Cisco TelePresence video solutions. Our Cisco Telepresence training courses are designed to help you meet measurable objectives and develop the skills that you need for your career. This Cisco Telepresence Training combines e-learning with the in-person classroom experience, so learners have an opportunity to gain hands-on experience and refine their skills.

The e-Learning portion of this Cisco training course (VTVS1) teaches field engineers to deploy Cisco TelePresence Video Express Authorized Technology Provider (ATP) solutions. You will learn features, functions, design, and deployment planning for Cisco endpoint product sets including C-Series, MX Series, and EX Series systems. The course prepares you for the proctored 500-007 Implementing Cisco TelePresence Video Solutions, Part 1 (VTVS1) exam.

The classroom portion of this Cisco Telepresence training course (VTVS2) teaches you how to configure, operate, and maintain core visual communication components, including Cisco TelePresence endpoints, gatekeepers, multipoint control units (MCUs), and management software. Additionally, you will learn to add Cisco TelePresence to existing Cisco Unified Communications Manager (CM) environments. The course prepares you for the 500-006 Implementing Cisco TelePresence Video Solutions, Part 2 (VTVS2) exam.

Data Center and Virtualization

ACINTRO: INTRODUCTION TO CISCO ACI

Length: 3 days

Price: \$2,395.00

CLC: 24

Some of the characteristic challenges that you may experience with a classic data center include time-consuming application deployment, error-prone switch-by-switch configuration, and problematic application performance monitoring. Cisco ACI helps resolve these typical data center issues by significantly reducing customer application deployment time and improving IT alignment with business objectives and policy requirements.

In Introduction to Cisco ACI (ACINTRO), you will practice developing essential skills for setting up a basic Cisco ACI Fabric. You will discover how data center components correspond to ACI Fabric components, and you will gain a deeper knowledge of the operation of an EPG, bridge domain, VRF, AEP, and many other features of ACI through the process of configuring a basic ACI Fabric. Hands-on labs will guide you through basic steps to set up switches, group devices by application, apply policy at an application level, and give application-level visibility for troubleshooting. By the end of this class, you will have a strong fundamental foundation to help you further develop your ACI admin abilities, such as troubleshooting issues that could arise.





ACITS: TROUBLESHOOTING THE CISCO ACI FABRIC

Length: 2 days

Price: \$2,095.00

CLC: 21

Classic data centers integrate many different components from many different environments, creating a very complex and decentralized approach to troubleshooting application deployment. Just as ACI allows for centralized management focused on application needs, you can troubleshoot your ACI Fabric from a centralized location with the requirements of the application in mind. This two-day Cisco ACI training will introduce you to common ACI troubleshooting practices. You will use the ACI GUI and show commands in the CLI to identify faults in this Cisco ACI troubleshooting course. You will troubleshoot FA policies, app profiles, VMM domains, L3 OUT, and contracts, as well as analyze health scores to determine the current condition of the Fabric. This Cisco ACI troubleshooting training will help you be able to identify faults and determine the current condition of faults to determine the appropriate next step.

APPNAV: IMPLEMENTING & CONFIGURING APPNAV AND WAAS v6.2

Length: 5 Days

Price: \$4,195.00

CLC: 42

In this Cisco training course from Systems Information Technology, students will learn how to install and configure the Virtual Environment associated with the Cisco APPNAV and Cisco WAAS products. Students will also learn how to implement, integrate, and manage Cisco WAAS, Cisco APPNAV, and design a Cisco WAAS solution. Implement each of the Cisco WAAS application optimizers for maximum performance. Troubleshoot a Cisco WAAS solution via Policy Routing Akamai Connect. With simple-to-understand course modules, Systems Information Technology makes it easy to increase your proficiency with these Cisco products.

CNACI: CLOUD NATIVE CONTAINER NETWORKING & ACI

Length: 3 days

Price: \$2,695.00

CLC: 27

This 3-day course is designed to give attendees an end-to-end introduction to the structural changes taking place in infrastructure and networking architecture driven by native cloud systems, with the goal of understanding how modern networking technologies in general, and Cisco ACI in particular, are helping to power the rapid adoption of application containers. We recommend students have a working understanding of Cloud Native space, Cisco ACI, and Container Networking. This Cisco ACI training course is intended for technical managers, developers, IT and QA staff, professional services staff, and DevOps personnel, among others.

CWAAS: CISCO WIDE-AREA APPLICATION SERVICES v3.0

Length: 3 days

Price: \$3,695.00

CLC: 37

Cisco Wide-Area Application Services (CWAAS) v3.0 is a five-day instructor-led course. This course teaches learners how to design and deploy a solution using Cisco WAAS that improves application performance over the WAN while enabling infrastructure consolidation. The learner will also understand Cisco WAAS optimization technology, design considerations, network integration, and system troubleshooting aspects as they relate to CWAAS. We at Systems Information Technology





recommend entering this course if you have a fundamental knowledge of VMware server virtualization technologies, WAN optimization, and Microsoft Windows networking technologies. Ideal candidates for Cisco WAAS training students include network administrators, engineers, and designers, along with channel partners, resellers, customers, employees, system engineers, and more.

DCFSA: FLEXPOD FOR DATA CENTER SYSTEMS ADMINISTRATION V2.0

Length: 5 days

Price: \$3,995.00

CLC: 40

FlexPod for Data Center Systems Administration (DCFSA) v2.0 is a 5-day instructor-led training program designed for the student to become experienced with the planning, design, and implementation of a FlexPod integrated platform that includes NetApp® unified storage systems, Cisco® Unified Computing System™ servers, Cisco Nexus® fabric, and VMware® vSphere virtualization platform. Using real-world scenarios and examples, this course will explore all of the components of the FlexPod system and guide you through the installation, management, and troubleshooting of the platform as a whole, as well as all of the individual Cisco, NetApp, and VMware components.

DCFUND: DATA CENTER FUNDAMENTALS

Length: 5 days

Price: \$4,595.00

CLC: 46

Cisco Data Center Fundamentals (DCFUND) will cover the fundamentals of Cisco Data Center Environment. It is a five-day course on Ethernet communication functions and standards OSI and TCP/IP models: the routing process on Nexus switches and compares storage connectivity options in the data center, Fiber Channel name server, and fabric login (FLOGI) process. The course will look at Configuring Cisco Unified Computing System Configure, Cisco Data Center Virtualization, Configure Cisco Data Center networking, Configure Cisco automation and orchestration. Also, we will verify the Cisco Application-Centric Infrastructure. The hands-on lab exercises will focus on the Cisco Data Center Network Technologies Configuration, Cisco Unified Computing System and Cisco Nexus Series Switches Using SSH.

This class combines both Cisco Data Center Networking (DCICN) and Cisco Data Center Technologies (DCICT) into 5-days.

Required Exams: 200-150 DCICN and 200-155 DCICT

DCID: DESIGNING CISCO DATA CENTER INFRASTRUCTURE V6.2

Length: 5 days

Price: \$3,795.00

CLC: 38

Designing Cisco Data Center Infrastructure (DCID) v6.2 is a five-day training course about designing data centers with Cisco components and technologies. The course covers network designs with virtualization, Layer 2 and Layer 3 technologies, routing protocols, and data center interconnects design options. Also covered are device virtualization technologies such as virtual data centers and network function virtualization with virtual appliances including virtual switches, virtual routers, and virtual firewalls. Storage and SAN design are covered, with an explanation of Fibre Channel networks and Cisco Unified Fabric. Design practices for the Cisco Unified Computing System (UCS) solution





based on Cisco UCS B-Series and C-Series servers and Cisco UCS Manager are also covered. Network management technologies include UCS Manager, Cisco Prime Data Center Network Manager, and Cisco UCS Director. Learn more about the CCNP Data Center and achieve data center certification with this data center training course from Systems Information Technology.

DCII: TROUBLESHOOTING CISCO DATA CENTER INFRASTRUCTURE V6.2

Length: 5 days **Price: \$4,395.00** **CLC: 44**

Implementing Cisco Data Center Infrastructure (DCII) v6.2 is a five-day instructor-led course that is designed to help you prepare for the Cisco CCNP® Data Center certification and professional-level data center roles. The focus of this skills-building course is the implementation of LAN, SAN, and Data Center Unified Fabric using Cisco MDS switches, Cisco Nexus switches, and Cisco Nexus 2000 Series Fabric Extenders (FEXs). The course provides rich, hands-on experience of implementing Cisco data center infrastructure.

From the basics of data center networking concepts to storage concepts and virtualization, the information presented in this valuable Cisco training course will help you increase your Cisco Data Center proficiency.

DCIT: TROUBLESHOOTING CISCO DATA CENTER INFRASTRUCTURE V6.2

Length: 5 days **Price: \$4,395.00** **CLC: 44**

Troubleshooting Cisco Data Center Infrastructure (DCIT) v6.2 is a 5-day DCIT course that will prepare you for the Cisco CCNP Data Center certification exam and professional-level data center roles. The focus of this skills-building, CCNP Data Center training course is troubleshooting of LAN, SAN, Cisco Data Center Unified Fabric, Cisco Unified Computing System (UCS), and Cisco Application Centric Infrastructure (ACI). The DCIT course provides rich, hands-on experience in resolving problems on Cisco MDS switches, Cisco Nexus switches, Cisco fabric extenders (FEXs), Cisco UCS, and Cisco ACI.

DCMDS: CONFIGURING CISCO MDS 9000 SERIES SWITCHES V2.0

Length: 5 days **Price: \$4,195.00** **CLC: 42**

Configuring Cisco MDS 9000 Series Switches (DCMDS) v2.0 is a 5-day instructor-led course that is presented by Cisco Learning Partners to their end-user customers. This Cisco MDS training course is a five-day program that is designed for systems and field engineers who implement storage networking solutions with the Cisco MDS 9000 Series switch platform. This Cisco DCMDS course covers the key concepts and procedures that you need to know to install, configure, and manage the Cisco MDS 9000 Series switch platform to improve the availability, scalability, performance, and manageability of the SAN.

DCNX1K: CONFIGURING THE CISCO NEXUS 1000 V2.0

Length: 3 days **Price: \$2,895.00** **CLC: 29**

Configuring the Cisco Nexus 1000V (DCNX1K) v2.0 is a three-day instructor-led product training course designed for network engineers who install and configure Cisco Nexus 1000V Series





Switches. The course covers the key components and procedures you need to know to install and manage Cisco Nexus 1000V Series Switches and to configure and troubleshoot its product features. If you're a network, system, or a consulting systems engineer, a server administrator, a network designer, administrator, or manager, this Cisco online training course is specifically designed for you.

DCNX5K: CONFIGURING CISCO NEXUS 5000 SWITCHES V3.1

Length: 5 days **Price: \$3,695.00** **CLC: 37**

Configuring Cisco Nexus 5000 Switches (DCNX5K) v3.1 is a 5-day ILT training program that is designed for systems and field engineers, consulting systems engineers, technical solutions architects, and Cisco integrators and partners who implement and configure Cisco Nexus 5000 Series Switches and Cisco Nexus 2000 Series Fabric Extenders.

The Cisco Nexus training course provides the key components and procedures that are needed to install, configure, manage, and troubleshoot Cisco Nexus 5000 Series Switches and Cisco Nexus 2000 Series Fabric Extenders in the LAN, SAN, and unified fabric environments.

During instruction, the learner will be exposed to the configuration of advanced technologies, such as Fibre Channel, QoS, and FCoE, but will not be required to have experience with these technologies to successfully complete the Cisco Nexus ILT class.

The Configuring Cisco Nexus 5000 Switches training course covers initial configuration of Fibre Channel, QoS, and FCoE on Cisco Nexus 5000 Series Switches. For a deeper understanding in Fibre Channel, QoS, and FCoE, students are encouraged to explore additional training in those areas.

DCNX7K: CONFIGURING CISCO NEXUS 7000 SWITCHES V3.1

Length: 5 Days **Price: \$3,995.00** **CLC: 40**

Configuring Cisco Nexus 7000 Switches (DCNX7K) v3.1 is a 5-day Cisco Nexus training program that will cover the key components and procedures needed to install, configure, manage, and troubleshoot the Cisco Nexus 7000 Switch. Through hands-on labs using NX-OS version 6.2(6b) code, you will gain an understanding of the day-to-day operation of the switches, including key features and functions. This Nexus 7000 training will help you develop the skills you need to work with the Cisco Nexus 7000 Switch, skills that businesses around the world need now.

Additionally, we have enhanced the standard Cisco labs to include more in-depth exploration of sought-after technologies including FabricPath, OTV, LISP, vPC, FCOE QOS, and troubleshooting. All configurations are performed on the Nexus 7000, with the latest version of the NX-OS code, 6.2(6b).

DCNX9K: CISCO NEXUS 9000 DESIGN AND CONFIGURATION

Length: 2 Days **Price: \$2,195.00** **CLC: 22**

Cisco Nexus 9000 Design and Configuration (DCINX9K) is a 2-day course designed to teach the next-generation Cisco Nexus 9000 Series Switches, which are highly programmable and high density. In fact, 1/10/40G Ethernet switches offer the highest performance and extensibility to 100GE switching and lowest cost-per-port. They offer extremely high flexibility and programmability for next-





generation automation and orchestration. Cisco Nexus 9000 Series Switches build on existing NX-OS technology to bring two new data center network deployment options to customers.

You will learn about the first deployment option, known as Standalone Mode. This mode offers significant extensions to NX-OS in the area of programmability, including:

- A RESTful API, Python scripting, Linux BASH access, and direct ASIC-level access for traffic flow monitoring
- Support for open-systems automation and orchestration DevOps platforms, including Puppet, Chef, and Cisco's onePK
- Support for software-defined networking (SDN) and emerging overlay network technologies, including VXLAN, OpenFlow, and the OpenDaylight Controller

Through lecture and hands-on labs, this Cisco 9K design course about the hardware architecture of the Nexus 9000 and the new programmability features and interfaces that have been added to NX-OS. We highly recommend that you have prior knowledge of NX-OS and the Nexus 5000, 6000, or 7000 platforms.

DCNXA: CISCO NX-OS FOR IOS ADMINISTRATORS V2.0

Length: 5 Days

Price: \$3,995.00

CLC: 40

The Cisco NX-OS for IOS Administrators (DCNXA) v2.0 is a five-day instructor-led course designed for network administrators who are migrating from a traditional Cisco IOS environment to routing and switching platforms that use the Nexus Operating System (NX-OS). This course covers the key components and procedures you need to know to install and manage Cisco Nexus 9000, 7000, 5000, 2000 and 1000v series switches. This course will also cover important troubleshooting procedures for these platforms as well.

DCUCA: ADMINISTERING CISCO DATA CENTER UNIFIED COMPUTING SYSTEM V1.0

Length: 4 days

Price: \$3,695.00

CLC: 37

Administering Cisco Data Center Unified Computing System (DCUCA) is a 4-day instructor-led course. In this Cisco UCS server training course, you will become experienced with the administration and troubleshooting of Cisco Unified Computing System (UCS) B-Series and C-Series servers. This custom-built Cisco UCS training class was developed by Systems Information Technology using the best lessons from all available Cisco server courses to maximize the learning experience for individuals who want to focus on day-to-day administration using Cisco UCS Manager as the primary interface.

Using real-world scenarios and examples, this Cisco training course will explore all of the components of the UCS B-Series and C-Series solutions from day to day administrative point of view. Learn C-Series standalone, C-Series under UCS Manager, B-Series administration, troubleshooting, and management tools used to support basic UCS and multi-cluster support with UCS Central.





DCUCI: IMPLEMENTING CISCO DATA CENTER UNIFIED COMPUTING v6.2

Length: 5 days

Price: \$3,695.00

CLC: 37

Implementing Cisco Data Center Unified Computing (DCUCI) v6.2 is a 5-day course designed to prepare you for the Cisco CCNP Data Center certification exam and professional-level data center roles. The focus of this skills-building course is on deploying, securing, operating, and maintaining the Cisco Unified Computing System (UCS) and UCS C-Series Rack Servers for use in data centers. The extensively hands-on course covers configuring and managing Cisco UCS servers using unified I/O networking for LAN and SAN connectivity, virtualizing server hardware identifiers to enable rapid recovery of server operating system images, automating UCS deployments using UCS Central Software and Cisco Integrated Management Controller (IMC) Supervisor, configuring fault tolerance, implementing role-based access control (RBAC), backing up and restoring system configurations, and using the monitoring and troubleshooting tools in Cisco UCS Manager and Cisco IMC.

DCUCSC: DEPLOY, MANAGE & SCALE CISCO UCS DOMAINS WITH UCS CENTRAL

Length: 2 days

Price: \$2,195.00

CLC: 22

Deploy, Manage, and Scale Cisco UCS Domains with UCS Central (DCUCSC) is a 2-day training program. Cisco UCS Central provides a scalable management solution for growing Cisco UCS environments. Cisco UCS Central simplifies the management of multiple Cisco UCS domains from a single management point through standardization, global policies, and global ID pools. Cisco UCS Central does not replace Cisco UCS Manager, which is the policy-driven management for single UCS domain. Instead Cisco UCS Central focuses on managing and monitoring the UCS domains on a global level, across multiple individual Cisco UCS Classic and Mini management domains worldwide. During this 2-day lab-driven course, students will become familiar with, deploy, configure, and manage multiple UCS domains with UCS Central.

DCVAI: IMPLEMENTING CISCO DATA CENTER VIRTUALIZATION & AUTOMATION

Length: 5 days

Price: \$4,395.00

CLC: 44

In this course, you will prepare for the Cisco CCNP Data Center certification exam and for professional-level data center roles. The focus of this skills-building course is on the implementation and deployment automation of Cisco Application Centric Infrastructure (ACI) and Cisco Nexus switches. The course provides rich, hands-on experience in building a data center solution based on Cisco ACI. It is required for students to have a good understanding of the VMware environment as well as a knowledge of a data center networking concepts, storage concepts, and data center virtualization. More information on these Cisco training course prerequisites can be found below.

Increase your proficiency with Implementing Cisco Data Center Virtualization and Automation with this DCVAI course from Systems Information Technology.





HXICA: CISCO HYPERFLEX IMPLEMENTATION & ADMINISTRATION

Length: 3 days

Price: \$3,195.00

CLC: 32

Cisco HyperFlex Implementation and Administration (HXICA) is a 3-day training program designed to provide an understanding of how Cisco HyperFlex HX-Series combines compute, storage, and networking into an easy-to-use system that brings new levels of speed and efficiency to IT. We recommend students have a familiarity with a basic implementation of Cisco Data Center Storage Server/Compute along with network Virtualization Infrastructure (in addition to other suggested prerequisites found below). The Cisco HyperFlex course contains modules that cover Hyperconverged Infrastructure, Cisco HyperFlex Systems Hardware and Software Architecture, and much more. We recommend administrators, engineers, architects, and channel partners look into this position.

OCDCU: DEPLOYING OPENSTACK CLOUD – FUNDAMENTALS V3.0

Length: 3 days

Price: \$3,895.00

CLC: 39

Deploying OpenStack Cloud - Fundamentals (OCDCU) v3.0 is a 3-day instructor-led Cisco training course designed for Systems and Field Engineers, Consulting Systems Engineers, Technical Solutions Architects, Integrators, and Partners. The course is targeted towards individuals who are responsible for installation, configuration, and the implementation of an OpenStack Cloud. This OpenStack course covers the key components and procedures needed to install, configure, and deploy OpenStack Cloud using Cisco Unified Computing System hardware.

This course will provide hands-on lab exercises utilizing Cisco Unified Computing System (UCS) hardware. Students will perform hands-on lab exercises that were created to teach the necessary skills to install, configure, and deploy an OpenStack Cloud on Cisco UCS hardware.

SDA9KP: SD-ACCESS & CATALYST 9K PROGRAMMABILITY

Length: 3 days

Price: \$3,350.00

CLC: 34

This three-day course covers SD-Access and the Cisco Catalyst 9000 Series switch programming. The student will learn how to create production solutions that run on or interact with IOS-XE on the Catalyst 9000 switches. Students will learn how to use advanced Cisco tools including DNA Center, APIC-EM, ISE, and Network Data Platform to implement SD-Access. Systems Information Technology recommends students have a working knowledge with Catalyst 9000 Switches, with ideal candidates for this Cisco SDA training course including anyone who is interested in course content, channel partner SEs, network admins, engineers, and architects, and others.

SDAINT: INTRODUCTION TO SD-ACCESS & DNA CENTER

Length: 2 days

Price: \$2,495.00

CLC: 25

DNA Center and SD-Access offer Cisco's next-generation programmable digital network to help automate common network access security features and streamline the redundant, complex configuration required to allow different groups of users access to the network infrastructure. This





network security training course allows network administrators to quickly allow differentiated access for end users on the network while allowing the network to react automatically to day zero and other types of attacks. Students who enroll in this course should have a basic understanding of Cisco CCNA Routing & Switching, of Software Defined Networks, and have experience with Cisco IOS, IOS XE, and CLI.

SDAISE: SOFTWARE DEFINED ACCESS & ISE INTEGRATION FOR POLICY DEPLOYMENT & ENFORCEMENT

Length: 3 days

Price: \$3,350.00

CLC: 34

There are many challenges today in managing the network because of manual configuration and fragmented tool offerings. Manual operations are slow and error-prone, and these issues will be exacerbated due to the constantly changing environment with more users, devices, and applications. With the growth of users and different devices types coming into the network, it is more complex to configure user credentials and maintain a consistent policy across the network. If your policy is not consistent, there is the added complexity of maintaining separate policies between wired and wireless. As users move around the network, it also becomes difficult to locate users and troubleshoot issues. The bottom line is that the networks of today do not address today's network needs. This SDA course addresses these issues.

Software-Defined Access (SD-Access) is the industry's first intent-based networking solution for the Enterprise built on the principles of Cisco's Digital Network Architecture (DNA). SD-Access provides automated end-to-end segmentation to separate user, device and application traffic without redesigning the network. SD-Access automates user access policy so organizations can make sure the right policies are established for any user or device with any application across the network. This is accomplished with a single network fabric across LAN and WLAN which creates a consistent user experience anywhere without compromising on security.

SPACI: ACI FOR SERVICE PROVIDERS

Length: 5 days

Price: \$4,595.00

CLC: 46

ACI for Service Providers (SPACI) is a 5-day Cisco ACI training course that provides ACI use cases for Service Provider environments including policy-driven configurations and design details, multi-tenant internal and external network integration and migration, routing protocol exploration, security implications, and disaster recovery solutions. Students in the ACI training course will perform various scenario-driven configurations and testing in lab exercises using hand-on labs. The Cisco online training course entails students learning how to simplify complex routing deployments and reduce the time and cost required to provision customer networking needs while maintaining both ACI and non-ACI networks. Students will learn to support site redundancy including disaster recovery solutions both at the customer site and public cloud provider levels while maintaining the integrity of customer data and hardening of sensitive information. This is an ideal Cisco online training course to build your skill set and prepare for Cisco ACI certification.





UCSDACI: DESIGNING & DEPLOYING CISCO UCS DIRECTOR WITH ACI v5.4

Length: 5 days

Price: \$4,595.00

CLC: 46

Designing and Deploying Cisco UCS Director with ACI (UCSDACI) v5.4 is 5-day instructor-led, hands-on course that enables participants to understand the different features of UCS Director software to manage Physical and Virtual Infrastructure elements including ACI. Participants will get a chance to explore Orchestration and Automation functions of Cisco UCS Director to effectively manage infrastructure and automate IT processes. Participants will get hands-on experience to install and configure Cisco UCS Director software. Also, participants will understand functionality around features such as Bare metal provisioning, Compute/Network/Storage Management, Orchestration including APIC, CloupiaScript, SSH and PowerShell Tasks, UCS Director Custom Tasks, etc.

Note: Running ACI 2.0 and UCS Director 5.5

If you're looking for effective UCS Director training to help further your understanding of this Cisco product, our Cisco training course from Systems Information Technology will help advance your IT career.

UCSDAV: ADVANCED UCS DIRECTOR ORCHESTRATION & WORKFLOWS v1.0

Length: 2 days

Price: \$2,395.00

CLC: 24

This advanced UCS Director course is a 2-day hands-on workshop that enables participants to configure UCS Director software to manage integrated infrastructure. Participants of this Cisco UCS training course will be given a set of requirements to implement using the UCS Director solution on infrastructure using various scenarios. Grow in your understanding of Cloupia Script, creating custom tasks, deploying PowerShell Scripting, implementing SSH Scripting, and much more in this Cisco UCS class devoted to Advanced UCS Director Orchestration and Workflows.

UCSDF: CISCO UCS DIRECTOR FOUNDATION v6.0

Length: 5 days

Price: \$3,895.00

CLC: 39

The Cisco UCS Director Foundation (UCSDF) version 6x course is a five-day instructor-led, hands-on, Cisco UCS training course. This Cisco UCS Director training course will enable Cisco end-customers and authorized Cisco System Engineers (SEs) to understand the concepts, architecture, and use cases that are related to the Cisco UCS Director deployment. This UCS Director Foundation course will also prepare learners to implement basic Cisco UCS Director Deployment solutions. The focus is to ensure that students can implement the core features of the Cisco UCS Director that most implementations require. Students should already be familiar with basic Data Center Concepts as a recommended prerequisite to this course.

UCSMINI1: UCS MINI IMPLEMENTATION AND DEPLOYMENT

Length: 2 days

Price: \$1,995.00

CLC: 20

The Cisco UCS Mini is an "All in One Solution" offering the same innovations associated with unified infrastructure and optimizes this for entry-level server, remote office, branch office deployments or





where physical separation of devices is required within a data center. UCS Mini delivers servers, storage, and 10 Gigabit networking in an easy-to-deploy, compact form factor.

This 2-day UCS Mini course is designed to provide in-depth day one knowledge of the Cisco UCS Mini solution, for Field Engineers, Channel Partners and any engineering staff tasked with implementing and deploying the Cisco UCS Mini Solution. This hands-on UCSMINI1 training will help any data center engineering staff, understanding the UCS Mini's key features, their configuration steps in the UCS management interfaces, and the physical specifications of the hardware.

UCSMINI2: UCS MINI ADMINISTRATION & TROUBLESHOOTING

Length: 2 days

Price: \$1,995.00

CLC: 20

Cisco UCS, originally designed for the data center, is now optimized for branch and remote offices, point-of-sale locations, and smaller IT environments with Cisco UCS Mini. The solution is ideal for customers who need fewer servers but still want the comprehensive management capabilities provided by UCS Manager and UCS Central. Cisco UCS Mini delivers servers, storage, and 10 Gigabit networking in an easy-to-deploy, compact form factor. This 2-day UCS Mini training course is designed to provide an in-depth day two knowledge of the Cisco UCS Mini solution. This hands-on, intensive training in Administration and Troubleshooting helps the student, understanding the key features, configuration steps, configuration interfaces, and the physical specifications of the Cisco UCS Mini's associated hardware. This course will also focus on many common issues in the unified fabric, chassis, servers, and how to identify and resolve these issues.

VDCDI: VERSASTACK FOR DATA CENTER DESIGN & IMPLEMENTATION

Length: 4 days

Price: \$3,995.00

CLC: 40

VersaStack for Data Center Design and Implementation (VDCDI) is a four-day training program. The Cisco-IBM VersaStack validated virtual data center design represents the latest converged infrastructure featuring the Cisco Unified Computing System computing, Nexus 9000, MDS and Nexus 1000V networking, IBM Storwize 7000 storage and VMware virtualization platforms. This four-day VDCDI training is intended for network architects, system engineers, channel partners, resellers, server, network, SAN and storage administrators that will be planning, designing, implementing and managing VersaStack solutions. VersaStack for Data Center Design and Implementation will combine planning and design activities that establish key system parameters with the end-to-end configuration and management of a physical VersaStack environment. Upon completion of the VDCDI training program, attendees will have designed and configured compute, network, storage, and virtualization platforms and emerging with a detailed, practical methodology for swift, repeatable VersaStack deployments.

VERSASTACK: VERSASTACK IMPLEMENTATION FOR FIELD ENGINEERS

Length: 3 Days

Price: \$2,995.00

CLC: 30

The Cisco-IBM VersaStack validated virtual data center design represents the latest converged infrastructure featuring the Cisco Unified Computing System computing, Nexus 9000, MDS and Nexus 1000V networking, IBM Storwize 7000 storage and VMware virtualization platforms. This





three-day Cisco VersaStack Training course is intended for network architects, system engineers, channel partners, resellers, server, network, SAN and storage administrators that will be planning, designing, implementing and managing VersaStack solutions. VersaStack Implementation for Field Engineers will combine planning and design activities that establish key system parameters with the end-to-end configuration and management of a physical VersaStack environment. Upon completion of the Systems Information Technology program, attendees will have designed and configured compute, network, storage, and virtualization platforms and emerging with a detailed, practical methodology for swift, repeatable VersaStack deployments.

VSDESIGN: INTRODUCING VERSASTACK FOR CISCO & IBM PARTNER SES DESIGNING & VERSASTACK SOLUTION

Length: 2 days

Price: \$2,495.00

CLC: 25

Designing the VersaStack™ Solution is 2-day intensive training with hands-on labs that prepare the Cisco or IBM Partner Systems Engineers to properly position and design the VersaStack Solution while comparing it to various Integrated Infrastructure Solutions. A thorough explanation of the benefits and advantages of using VersaStack with Cisco Nexus 9000 and Cisco MDS Switches will help you understand the Cisco-IBM ecosystem while allowing you to visualize how Cisco UCS and IBM Storwize work together to enhance compute, network, and storage in the data center. Cisco UCS Director and IBM Storwize will be introduced as the management tools for the VersaStack solution. The lecture and hands-on-labs will provide you with a better understanding of the VersaStack solution providing you with the ideas and information needed to increase sales and explain the value of VersaStack to customers. Consider Systems Information Technology for all of your Cisco Nexus Training and online IT course needs.

IoT

IoTAM: CISCO IOT FOR ACCOUNT MANAGERS

Length: 1-day

Price: \$1,495.00

CLC: 15

Cisco IoT for account Managers: upon completion of this one-day course, the students will have a broad understanding of the IoT and IoE ecosystem, architecture and business drivers. Students will learn how to identify IoT business opportunities, how to talk to IoT decision makers and how to propose Cisco IoT solutions.

Students will learn about the main Cisco IoT applications, Cisco IoT uses cases and respective solutions and will be able to propose the Cisco IoT products and portfolio to help meet customer business needs. Students will gain the knowledge about the Cisco IoT components and IoT architecture with intelligent IoT application services for predictive analytics and the Cisco competition architecture.

The students will learn how to integrate IoT with the data center, cloud computing, and Service Provider network into a common infrastructure for intelligent IoT services. The Cisco IoT course includes training information on the majority of Cisco IoT solutions and applications including the





IoT Fog computing applications, IOx applications, Big Data analytics applications, Smart cities and many other industrial IoT applications.

Network Design

ARCH: DESIGNING CISCO NETWORK SERVICE ARCHITECTURES V3.0

Length: 5 days **Price: \$3,195.00** **CLC: 32**

Designing Cisco Network Service Architecture (ARCH) v3.0 is 5-day training program where the student will learn the conceptual, intermediate, and detailed design of a network infrastructure that supports desired network solutions over intelligent network services to achieve effective performance, scalability, and availability. This is an advanced course designed for CCNA and CCDA certified personnel or those with equivalent experience in routing and switching Cisco networks. You will learn how to apply Cisco network solution models and recommended design practices, to provide viable and stable enterprise internetworking solutions.

Additionally, you will learn the concepts that are necessary to design converged enterprise networks. You will also cover enterprise campus, data center, e-commerce, IP addressing and routing, security solutions, VPNs, IP multicast, and security in a borderless cloud environment.

DCUCS: CONFIGURING DATA CENTER UNIFIED COMPUTING V3.0

Length: 5 days **Price: \$3,595.00** **CLC: 36**

Configuring Data Center Unified Computing (DCUCS) v3.0 is a 5-day product training course designed to familiarize data center engineers, architects and Cisco partners with the Cisco UCS B-series and C-series products. This Cisco UCS training prepares individuals for implementing and maintaining Cisco UCS hardware with a strong emphasis on best practices. The Configuring Data Center Unified Computing course also addresses relevant additional features added by Version 2.1 Cisco UCS Software Release. We recommend students who intend to enroll in this Cisco UCS online training course have a working understanding of servers, routing and switching, storage area networking knowledge, and server virtualization knowledge.

DESGN: DESIGNING FOR CISCO INTERNETWORK SOLUTIONS V3.0

Length: 5 days **Price: \$3,195.00** **CLC: 32**

Designing for Cisco Internetwork Solutions (DESGN) v3.0 is a 5-day training program where the student will learn how to design a strong and effective network as you prepare for your Cisco Certified Design Associate (CCDA) certification. Our enhancements to Cisco's authorized content, combined with case-study practice and our exclusive exam practice homework, will prepare you for the exam in only four days.

If you're interested in becoming a Cisco Certified Design Associate, this is the best Cisco training course offered by Systems Information Technology. With our unique and effective approach to IT





consulting and training, ready more below our internetworking technologies, course expectations, and various prerequisites from Systems Information Technology.

DNADDC: DEPLOYING AND ADMINISTERING CISCO'S DIGITAL NETWORK ARCHITECTURE (DNA) AND INTELLIGENT WAN (IWAN)

Length: 5 days

Price: \$3,995.00

CLC: 40

Deploying and Administering Cisco's Digital Network Architecture (DNA) and Intelligent WAN (iWAN) is a 5-day course designed for network administrator and technical personnel involved in designing, implementing, operating and optimizing Wide Area Networks based on Cisco's Intelligent WAN (iWAN) principles, technologies, and features. It enables learners to understand how iWAN solves many challenges related to today's branch office deployments and what the main components of iWAN are, including Transport Independent WAN connectivity (IPSec DMVPN and MPLS), Intelligent Path Control (with performance routing), Application Optimization (with AVC and WAAS) and Secure Connectivity (Strong encryption, firewalls, CWS).

As part of iWAN deployment, participants will be faced with Application Policy Infrastructure Controller - Enterprise Module or APIC-EM, as a management platform and automation tool. At the beginning of the course, students will review Cisco's Digital Network Architecture or DNA as open and extensible, software-driven architecture that accelerates and simplifies enterprise network operations. DNA, as a programmable architecture frees IT staff from time-consuming, repetitive network configurations tasks, so they can focus instead on innovation that positively transforms their business. Relationships between DNA and iWAN will be discussed in the course. Labs are built using the latest platform versions and related architecture components including ISR, ASR, IOS XE, WAVE, vWAAS, APIC-EM, AppNav, etc.

DNAIE: CISCO DIGITAL NETWORK ARCHITECTURE IMPLEMENTATION ESSENTIALS v2.0

Length: 5 days

Price: \$4,395.00

CLC: 44

Evolve your network engineer skills with the Cisco DNA course: Digital Network Architecture Implementation Essentials (DNAIE) v2.0. This Cisco DNA training program provides students an insight into Cisco Digital Network Architecture (DNA) and its solution components. The Cisco DNA training course highlights the need for digitization in networks and the guiding principles of DNA. This DNAIE course also provides hands-on labs to demonstrate DNA automation using Cisco APIC-EM and virtualization using Cisco Network Functions Virtualization (NFV). View additional course details and objectives below, along with a brief explanation as to who the ideal course candidates might be.

IP6FD: IPV6 FUNDAMENTALS, DESIGN AND DEPLOYMENT v3.0

Length: 5 days

Price: \$3,395.00

CLC: 34

IPv6 Fundamentals, Design, and Deployment (IP6FD) v3.0 is a 5-day training program offered by Systems Information Technology and delivered by an expert authorized Cisco Certified Systems Instructor (CCSI) to better prepare you or your company for the inevitable shift from IPv4 to IPv6. The IPv6 Fundamentals, Design, and Deployment (IP6FD) v3.0 course is an instructor-led course that





is presented by Cisco Learning Partners to their end-user customers. This five-day IP6FD training course aims at providing network engineers and technicians that are working in the enterprise sector with the knowledge and skills that are needed to study and configure Cisco IOS Software IPv6 features. The IPv6 training also provides an overview of IPv6 technologies, covers IPv6 design and implementation, describes IPv6 operations, addressing, routing, services, transition, and deployment of IPv6 in the enterprise as well as in service provider networks, and includes case studies useful for deployment scenarios.

NPDC: NETWORK PROGRAMMABILITY FOR THE DATA CENTER v1.0

Length: 5 days

Price: \$4,495.00

CLC: 45

Network Programmability for the Data Center (NPDC) v1.0 is a five-day instructor-led course. This course teaches how to automate an end-to-end Cisco Data Center consisting of Nexus 7000 and 9000 switches. This course also includes Cisco ACI and UCS platforms using state of the art Model Driven API's. Applying CCIE-style learning methods, the NPDC course places emphasis on learning via hands-on labs and hands-on demonstrations. The terms "proof-by-Python" and "proof-by-JSON or XML" will frequently be used throughout the Data Center training course. It is recommended that students who take this course have the knowledge and skills of a CCNP professional, in addition to having completed the Programming for Network Engineers (PRNE) ELT or equivalent Python programming experience. This NPDC training is intended for Data Center engineers who wish to learn how to deploy network programmability and automation using various Cisco platforms.

NPDESI: DESIGNING AND IMPLEMENTING CISCO NETWORK PROGRAMMABILITY

Length: 5 days

Price: \$3,995.00

CLC: 40

The Cisco Network Programmability Design and Implementation Specialist addresses the evolving role of network engineers towards more programmability, automation, and orchestration, enabling them to leverage the powerful level of abstraction provided by controller-based architectures to create real added value. Preparing for the 300-550 exam, students' knowledge and skills will be tested in relation to Network programmability fundamentals, APIs, and more. Other areas of study include automation protocols, data models, operations, and controllers.

NPDEV: DEVELOPING WITH CISCO NETWORK PROGRAMMABILITY v4.0

Length: 5 days

Price: \$3,595.00

CLC: 36

This course is for software developers looking to automate network infrastructure and utilize APIs and toolkits to interface with SDN controllers and individual devices. You will learn about topics covered by the 300-560 NPDEV exam, leading to the Cisco Network Programmability Developer Specialist Certification. With multiple Webex Live Online sessions available for IT professionals like you to further your career with Cisco Network Programmability, Systems Information Technology makes this subject material easy to understand and apply to obtain your desired Cisco certification.





NPEN: NETWORK PROGRAMMABILITY FOR THE ENTERPRISE V1.0

Length: 4 days

Price: \$4,495.00

CLC: 45

Network Programmability for the Enterprise (NPEN) v1.0 is a four-day instructor-led-course. This NPEN training course teaches how to automate common Cisco enterprise platforms such as IOS-XE and IOS-XR routers as well as ASA firewalls. Systems Information Technology's Network Programmability for the Enterprise course also includes coverage of the automation capabilities of the APIC Enterprise Module or "APIC-EM". Applying CCIE-style learning methods, the NPEN training places emphasis on learning via hands-on labs and hands-on demonstrations. The terms "proof-by-Python" and "proof-by-JSON or XML" will frequently be used throughout the course. Find additional course details below, including suggested prerequisites, course objectives, and ideal student-candidates.

VIPTELA: VIPTELA / CISCO SD-WAN DEPLOYMENT AND TROUBLESHOOTING

Length: 2 days

Price: \$2,495.00

CLC: 25

This Viptela training is targeted to engineers and technical personnel involved in deploying, implementing, operating and optimizing Cisco SD-WAN solution (Viptela), both in enterprise and Service Provider environments, including advanced features for Multi-tenant deployment, QoS, application performance routing, configuration templates, control policies and troubleshooting common operating issues. The Cisco SD-WAN course is lab-intensive, and objectives are accomplished mainly through hands-on learning. Students taking this Viptela training course should be familiar with Wide Area Networks (WANs) in a variety of ways, which can be found below. Ideal candidates for this course include engineering and planning teams who evaluate WAN evolution, personnel involved in SD-WAN Design, Implementation and Operation, and others.

Networking

ACIMIG: CISCO AGI MIGRATION

Length: 3 days

Price: \$3,595.00

CLC: 36

Cisco's experience and knowledge gained from typical ACI clients' compelling events and expected business outcomes proves that users can adopt different transition paths to ACI. In this 3-day Cisco ACI training course, we will discuss specifically how to migrate to ACI using two different methods: Network mode and Application mode. In addition, the ACI learning class will discuss virtualization migration, fabric path migrations, and other migration topics. It is recommended that students have a basic, working understanding of Cisco ACI to fully grasp the ACI course content.

ACISTK: ACI INTEGRATION AND OPENSTACK

Length: 3 days

Price: \$3,595.00

CLC: 36

ACI Integration and OpenStack (ACISTK) is a 3-day course providing an introduction to ACI, OpenStack and the tools needed for proper integration. This course will educate the students about





ACI integration with OpenStack and will include hands-on labs, which will reinforce the concepts covered. Students are expected to have a basic understanding of ACI Architecture, be familiar with OpenStack, have fundamental Linux skills, and a working understanding of general networking, subnets, and VLANs. This course will help you understand OpenStack concepts, OpenStack System Architecture and Components, ACI Design, Architecture, and Concepts, plus much more.

ARCH: DESIGNING CISCO NETWORK SERVICE ARCHITECTURES V3.0

Length: 5 days

Price: \$3,195.00

CLC: 32

Designing Cisco Network Service Architecture (ARCH) v3.0 is 5-day training program where the student will learn the conceptual, intermediate, and detailed design of a network infrastructure that supports desired network solutions over intelligent network services in order to achieve effective performance, scalability, and availability. This is an advanced course designed for CCNA and CCDA certified personnel or those with equivalent experience in routing and switching Cisco networks. You will learn how to apply Cisco network solution models and recommended design practices, to provide viable and stable enterprise internetworking solutions.

Additionally, you will learn the concepts that are necessary to design converged enterprise networks. You will also cover enterprise campus, data center, e-commerce, IP addressing and routing, security solutions, VPNs, IP multicast, and security in a borderless cloud environment.

BGP: CONFIGURING BGP ON CISCO ROUTERS V4.0

Length: 5 days

Price: \$3,695.00

CLC: 37

Configuring BGP on Cisco Routers (BGP) v4.0 is a 5-day Cisco BGP training program that is designed to give you an in-depth knowledge of BGP, the routing protocol that is one of the underlying foundations of the Internet. You will explore the theory of BGP, configuration of BGP on Cisco IOS routers, and detailed troubleshooting information.

Our labs provide you with the skills needed to configure and troubleshoot BGP networks in both enterprise and service provider environments. You'll also learn BGP network design issues and usage rules for various features as well as how to design and implement efficient, optimal, and trouble-free BGP networks.

DESGN: DESIGNING FOR CISCO INTERNETWORK SOLUTIONS V3.0

Length: 5 days

Price: \$3,195.00

CLC: 32

Designing for Cisco Internetwork Solutions (DESGN) v3.0 is a 5-day training program where the student will learn how to design a strong and effective network as you prepare for your Cisco Certified Design Associate (CCDA) certification. Our enhancements to Cisco's authorized content, combined with case-study practice and our exclusive exam practice homework, will prepare you for the exam in only four days.

If you're interested in becoming a Cisco Certified Design Associate, this is the best Cisco training course offered by Systems Information Technology.





DNADD: DEPLOYING AND ADMINISTERING CISCO'S DIGITAL NETWORK ARCHITECTURE (DNA) AND INTELLIGENT WAN (iWAN)

Length: 5 days

Price: \$3,995.00

CLC: 40

Deploying and Administering Cisco's Digital Network Architecture (DNA) and Intelligent WAN (iWAN) is a 5-day course designed for network administrator and technical personnel involved in designing, implementing, operating and optimizing Wide Area Networks based on Cisco's Intelligent WAN (iWAN) principles, technologies and features. It enables learners to understand how iWAN solves many challenges related to today's branch office deployments and what the main components of iWAN are, including Transport Independent WAN connectivity (IPSec DMVPN and MPLS), Intelligent Path Control (with performance routing), Application Optimization (with AVC and WAAS) and Secure Connectivity (Strong encryption, firewalls, CWS).

As part of iWAN deployment, participants will be faced with Application Policy Infrastructure Controller - Enterprise Module or APIC-EM, as a management platform and automation tool. At the beginning of the course, students will review Cisco's Digital Network Architecture or DNA as open and extensible, software-driven architecture that accelerates and simplifies enterprise network operations. DNA, as a programmable architecture frees IT staff from time-consuming, repetitive network configurations tasks, so they can focus instead on innovation that positively transforms their business. Relationships between DNA and iWAN will be discussed in the course. Labs are built using the latest platform versions and related architecture components including ISR, ASR, IOS XE, WAVE, vWAAS, APIC-EM, AppNav, etc.

DNAIE: CISCO DIGITAL NETWORK ARCHITECTURE IMPLEMENTATION ESSENTIALS v2.0

Length: 5 days

Price: \$4,395.00

CLC: 44

Evolve your network engineer skills with the Cisco DNA course: Digital Network Architecture Implementation Essentials (DNAIE) v2.0. This Cisco DNA training program provides students an insight into Cisco Digital Network Architecture (DNA) and its solution components. The Cisco DNA training course highlights the need for digitization in networks and the guiding principles of DNA. This DNAIE course also provides hands-on labs to demonstrate DNA automation using Cisco APIC-EM and virtualization using Cisco Network Functions Virtualization (NFV).

DNAPF: CISCO DNA PROGRAMMABILITY FUNDAMENTALS

Length: 3 days

Price: \$2,895.00

CLC: 29

Cisco Digital Network Architecture (DNA) Programmability is a three-day, instructor-led, introductory Cisco DNA course that will help you to become familiar with the SDN concepts, programmability, and integration that support Cisco and multi-vendor solutions to help usher customers into the new age of Software Defined Networks. Module content includes sections devoted to Programmable Infrastructure Overview, Cisco's Digital Network Architecture, Cisco Programmable Infrastructure, REST APIs and Python learning, Spark API, and much more.





IP6FD: IPV6 FUNDAMENTALS, DESIGN, AND DEPLOYMENT V3.0

Length: 5 days

Price: \$3,395.00

CLC: 34

IPv6 Fundamentals, Design, and Deployment (IP6FD) v3.0 is a 5-day training program offered by Systems Information Technology and delivered by an expert authorized Cisco Certified Systems Instructor (CCSI) to better prepare you or your company for the inevitable shift from IPv4 to IPv6. The IPv6 Fundamentals, Design, and Deployment (IP6FD) v3.0 course is an instructor-led course that is presented by Cisco Learning Partners to their end-user customers. This five-day IP6FD training course aims at providing network engineers and technicians that are working in the enterprise sector with the knowledge and skills that are needed to study and configure Cisco IOS Software IPv6 features. The IPv6 training also provides an overview of IPv6 technologies, covers IPv6 design and implementation, describes IPv6 operations, addressing, routing, services, transition, and deployment of IPv6 in enterprise as well as in service provider networks, and includes case studies useful for deployment scenarios.

ICND1: INTERCONNECTING CISCO NETWORKING DEVICES, PART 1 V3.0

Length: 5 days

Price: \$3,495.00

CLC: 35

Interconnecting Cisco Networking Devices, Part 1 (ICND1) v3.0 is a five-day, instructor-led training course, plus 1-year access to a self-paced video, searchable text, and lab bundle that teaches learners how to install, operate, configure, and verify a basic IPv4 and IPv6 network, including configuring a LAN switch, configuring an IP router, managing network devices, and identifying basic security threats.

This high-impact, ICND1 training course provides the foundational understanding of network layers 1-3 that are applicable to core routing and switching, plus other advanced technologies. Several topics have been added in the latest version of this CCNA networking course, including understanding the interactions and network functions of firewalls, wireless controllers and access points, along with additional focus on IPv6 and basic network security. All configuration commands are introduced through examples and supported with lab exercises.

Objectives include:

- Describe network fundamentals and build simple LANs
- Establish Internet connectivity
- Manage and secure network devices
- Expand small to medium sized networks
- Describe IPv6 basics

This new live online plus self-paced course, is designed to be the most effective authorized Cisco course on the market today. This brand new CCNA networking training course is presented in easily-consumable segments via live online instructor-led training, 1 year of self-paced instructor video and searchable text, interactivity through discovery labs, content review questions, and graded challenge labs and tests. This makes the learning experience hands-on, increasing course effectiveness, and provides students direct feedback on how well they have mastered the material. Gamification





features are also built in, including earning badges and a leader board, to encourage better performance.

ICND2: INTERCONNECTING CISCO NETWORKING DEVICES, PART 2 v3.0

Length: 5 days

Price: \$3,495.00

CLC: 35

Interconnecting Cisco Networking Devices, Part 2 (ICND2) v3.0 is a five-day, instructor-led training course that teaches learners how to perform basic troubleshooting steps in enterprise branch office networks, preparing learners for Cisco CCNA certification. This high-impact, instructor-led training, includes a full year of an exclusive digital learning self-paced CCNA course with many benefits that IT training companies who are not an authorized Cisco learning partner simple can't offer.

ICND 2 v 3.0 provides network administrators with the knowledge and skills needed to install, configure, operate, and troubleshoot a small enterprise network. Key additions to this latest revision of this ICND2 training course include; understanding of Quality of Service (QoS) elements and their applicability, how virtualized and cloud services will interact and impact enterprise networks, along with an overview of network programmability and the related controller types and tools that are available to support software defined network architectures.

Objectives of Interconnecting Cisco Networking Devices, Part 2 v3.0 include:

- Operate a medium-sized LAN with multiple switches, supporting VLANs, trunking, and spanning tree
- Troubleshoot IP connectivity
- Describe how to configure and troubleshoot EIGRP in an IPv4 environment, and configure EIGRP for IPv6
- Configure and troubleshoot OSPF in an IPv4 environment and configure OSPF for IPv6
- Define characteristics, functions, and components of a WAN
- Describe how device management can be implemented using the traditional and intelligent ways.

This new live online Instructor-led training, plus 1-year access to a self-paced CCNA training course, is designed to be the most effective official Cisco IT training Course on the market today. The content is presented in easily-consumable segments via live online instructor-led training, Instructor video and searchable text, and interactivity as enabled through hands-on labs, discovery labs, content review questions, and graded challenge labs and tests. This makes the learning experience hands-on, increasing course effectiveness, and provides students direct feedback on how well they have mastered the material. Gamification features are built in, including earning badges and a leader board, to encourage better performance. Recommended prerequisites include ICND1, understanding network fundamentals and network devices.

IUC: IMPLEMENTING CISCO UNITY CONNECTION v8.0

Length: 3 days

Price: \$3,495.00

CLC: 35

Implementing Cisco Unity Connection (IUC) v8.0 is a 3-day training program that describes Cisco Unity Connection installation, networking, and advanced features, options, and configuration





settings. This course presents Cisco Unity Connection with the focused goal of providing engineers and installers with the necessary skills to perform installation and setup of the Cisco Unity Connection 8.x system.

NEST-AM: NETWORKING EXPRESS SPECIALIZATION TRAINING AM (EXAM 810-440)

Length: 1-day Price: \$1,295.00 CLC: 13

This course provides a broad survey of the concepts related to and expected for the business component of the Cisco Business Architect role.

Intended as a broad introduction, the program will sample a wide range of topics that prepares an individual to participate in a Cisco Business Architecture lead process, or to begin the journey to the role of Cisco Business Architect. This Enterprise Architecture training course will help students understand the four pillars of Business Architecture, in addition to understanding Enterprise Architecture coupled with the use of frameworks in context. Ideal students for this Networking Express Specialization training include system engineers, account managers, Channel Partner systems engineers, and any individual looking to further their technical career who has an interest in Enterprise Architecture as it relates to technology solutions in general.

QoS: IMPLEMENTING CISCO QUALITY OF SERVICE V2.5

Length: 5 days Price: \$3,395.00 CLC: 34

Implementing Cisco Quality of Service (QoS) v2.5 is a 5-day training program that provides learners with in-depth knowledge of QoS requirements, conceptual models such as best effort, IntServ, and DiffServ, and the implementation of QoS on Cisco platforms. The curriculum covers the theory of QoS, design issues, and configuration of various QoS mechanisms to facilitate the creation of effective administrative policies providing QoS.

Case studies and lab exercises included in the course help learners to apply the concepts from the individual modules to real-life scenarios. The course also gives learners design and usage rules for advanced QoS features. This gives the learners the opportunity to design and implement efficient, optimal, and trouble-free multiservice networks.

ROUTE: IMPLEMENTING CISCO IP ROUTING V2.0

Length: 5 days Price: \$3,295.00 CLC: 33

Implementing Cisco IP Routing (ROUTE) v2.0 is a 5-day training program where you will gain the knowledge and skills needed to plan, implement, and monitor a scalable routed network. You will focus on routing protocols for both IPv4 and IPv6: EIGRP and OSPF for an enterprise and BGP for enterprise Internet connectivity. You will also learn how to redistribute routes, implement path control, and secure Cisco routers.





SWITCH: IMPLEMENTING CISCO IP SWITCHED NETWORKS v2.0

Length: 5 days

Price: \$3,295.00

CLC: 33

Systems Information Technology offers trusted Cisco training courses including this Cisco IP Switched Networks course. Implementing Cisco IP Switched Networks (SWITCH) v2.0 is a 5-day training program designed to give you the knowledge and skills needed to create an efficient and expandable enterprise network. You will focus on Layer 2 and multilayer switch functions including VLANs, trunks, inter-VLAN routing, port aggregation, spanning tree, first hop redundancy, as well as network security and high availability features. The Cisco CCNP switch course will provide you with in-demand skills such as configuring Layer 2 and Layer 3 port aggregation, implements inter-VLAN routing, and working with network security features to keep data safe. Sign up for this CCNA study course and get the skills you need for your position or to advance your career. Our trusted Cisco CCNP switch courses are starting all the time, so find the course that works for you and sign up for a Cisco IP Switched Networks training course with Systems Information Technology today.

TSHOOT: TROUBLESHOOTING AND MAINTAINING CISCO IP NETWORKS v2.0

Length: 5 days

Price: \$3,295.00

CLC: 33

Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) v2.0 is a 5-day, Cisco TSHOOT training program where you will learn and practice techniques to monitor and troubleshoot routed and switched networks through extensive hands-on lab exercises. Troubleshooting methods, approaches, procedures, and tools are explored in this CCNP TSHOOT course. A series of different organizations are introduced for each a set of troubleshooting scenarios that are presented. You will attempt to solve as many of the troubleshooting tickets as you can; the debrief includes review information that will help you further understand the specific issues raised in the scenarios.

VIPTSEN: CIPTELA SD-WAN DEPLOYMENT AND TROUBLESHOOTING

Length: 2 days

Price: \$2,000.00

CLC: 20

The Cisco® SD-WAN Deployment and Troubleshooting course (VIPTSEN) is an instructor-led, lab-based, hands-on VIPTSEN course offered by Learning@Cisco. Students who take this Cisco IT online training course will learn how to create, manage, and operate a Viptela® Secure Extensible Network (SEN). The Cisco SD-WAN course covers the scalable Viptela Zero Touch Provisioning (ZTP) configuration templates, network-wide policies (control, data, and application-aware), and network management. Students who wish to take this course should enroll with a technical understanding of routing protocols and routed networks. Students will work in a group to build a network before the instructor introduces a break into the system. Then, students who take this course must identify and fix the issue.



Security

ADMUMB: ADMINISTERING AND POSITIONING CISCO UMBRELLA OPERATIONS

Length: 2 days

Price: \$2,395.00

CLC: 24

Cisco Umbrella is a cloud security platform that provides the first line of defense against threats on the Internet. Being able to understand how this works and what are the features is the key focus of this 2-day Cisco online IT class. Students who enter the course with a basic understanding of Cisco products and IT solutions will be able to describe the Cisco Umbrella, understand Secure Internet Gateway and Ransomware Protection, discuss Threat Intelligence, use Cisco Roaming Client, and much more upon successful completion of this CCNA certification training course.

ASAE: ASA ESSENTIALS v3.0

Length: 5 days

Price: \$3,795.00

CLC: 38

ASA Essentials (ASAE) v3.0 is a 5-day Cisco ASA training course where the student will gain the essential skills required to configure, maintain, and operate Cisco ASA 5500-X Series Adaptive Security Appliances based on ASA Software v9.x. If you need to get up to speed quickly with Cisco's Adaptive Security Appliance (ASA), this is the Cisco ASA online course for you.

We have combined the most important content from Cisco's Authorized CCNP Security courses and added additional information on the new features in v9.x software to hone in on the most crucial aspects of the ASA. In just one week, students will cover: Cisco ASA Firewall Training Basics, Network Address Translation (NAT), Access Control Lists (ACLs), Object Groups, Stateful Inspection, Modular Policy Framework, PKI Integration, Site-to-site and Remote Access VPN (both IPsec and SSL), Active/Standby Failover, Server-based Authentication, Authorization, and Accounting (AAA) using ACS 5.2.

CCIESBC: CCIE SECURITY BOOT CAMP v5.0

Length: 5 days

Price: \$3,495.00

CLC: 35

The CCIE Security program is a program intended to recognize the Cisco network security experts who have the necessary skills to test, deploy, configure, maintain, and troubleshoot Cisco network security appliances and Cisco IOS Software devices that establish the security posture of the network. Systems Information Technology provides students with the skills and understanding required to be successful in the ever-changing world of the IT professional. The CCIE Security v5 course is a CCIE online training course is a combination of hands-on labs and lectures. Students receive Advanced CCIE Security Workbook v5 to guide learning.



FIREPOWER200: SECURING NETWORKS WITH CISCO FIREPOWER THREAT DEFENSE NGFW

Length: 5 days

Price: \$4,000.00

CLC: 40

This course is part of a portfolio of security courses designed to help businesses support and maintain their Cisco Firepower Threat Defense systems. In this course, you will learn about next-generation intrusion prevention system (NGIPS) and next-generation firewall (NGFW) security concepts. This five-day class will begin with an introduction to the system architecture, the latest major features, and the role of policies in implementing the solution. In this Cisco FirePower Threat Defense training, you will learn how to deploy and manage Cisco Firepower Threat Defense devices and perform basic Cisco Firepower discovery. This NGFW training teaches students to use and configure Threat Defense technology, including application control, security intelligence, NGFW, NGIPS, and network-based malware and file controls. Also, you will learn how to take advantage of powerful tools, so you can perform more efficient event analysis, including the detection of file types and network-based malware. And you'll learn how to properly tune systems for better performance and greater network intelligence. This Cisco FirePower200 training concludes with system and user administration tasks and Threat Defense system troubleshooting.

IINS: IMPLEMENTING CISCO IOS NETWORK SECURITY V3.0

Length: 5 days

Price: \$3,495.00

CLC: 35

Implementing Cisco Network Security (IINS) v3.0 is a 5-day instructor-led course focusing on security principles and technologies, using Cisco security products to provide hands-on examples. Using instructor-led discussions, extensive hands-on lab exercises, and supplemental materials, this course allows learners to understand common security concepts, and deploy basic security techniques utilizing a variety of popular security appliances within a real-life network infrastructure. Overall, this is very valuable experience for Cisco students.

ISE_SDA: SOFTWARE DEFINED ACCESS AND ISE INTEGRATION FOR POLICY DEPLOYMENT AND ENFORCEMENT

Length: 3 days

Price: \$3,350.00

CLC: 34

There are many challenges today in managing the network because of manual configuration and fragmented tool offerings. Manual operations are slow and error-prone, and these issues will be exacerbated due to the constantly changing environment with more users, devices, and applications. With the growth of users and different device types coming into the network, it is more complex to configure user credentials and maintain a consistent policy across the network. If your policy is not consistent, there is the added complexity of maintaining separate policies between wired and wireless. As users move around the network, it also becomes difficult to locate users and troubleshoot issues. The bottom line is that the networks of today do not address today's network needs.

Software-Defined Access (SD-Access) is the industry's first intent-based networking solution for the Enterprise build on the principles of Cisco's Digital Network Architecture (DNA). SD-Access provides automated end-to-end segmentation to separate user, device, and application traffic without redesigning the network. SD-Access automates user access policy so organizations can make sure





the right policies are established for any user or device with any application across the network. This is accomplished with a single network fabric across LAN and WLAN which creates a consistent user experience anywhere without compromising on security.

SAEXS: CISCO ASA EXPRESS SECURITY v1.5

Length: 3 days **Price: \$2,995.00** **CLC: 30**

In Cisco ASA Express Security (SAEXS) v1.5, you will learn about Cisco's ASA firewall features and functions, with FirePOWER Services and Remote Access VPN including Clientless and AnyConnect. The student is expected to have a basic understanding of general security threats in addition to mitigation techniques that include malware, DoS, URL filtering, and more. Students will become adept in their understanding of Cisco ASA technology insofar as being able to configure and deploy a variety of features Cisco ASA Security's functionality employs.

SASAA: IMPLEMENTING ADVANCED CISCO ASA SECURITY v2.1

Length: 5 days **Price: \$3,695.00** **CLC: 37**

Bring the latest knowledge in Cisco Security to your job with training from Systems Information Technology. Our Implementing Advanced Cisco ASA Security (SASAA) v2.1 training course will provide you with knowledge of advanced features of Cisco ASA security products and enables you to implement the key features of ASA including FirePOWER services, ASA Identity Firewall, ASA Cloud Web security, ASA Clustering and virtual ASA (ASAv). This is an ideal Cisco security certification course to take if you want to further your knowledge of Cisco security matters or develop new skills for career advancement. This Cisco ASA training includes learning about the Cisco ASA product family, Identity Firewall, FirePOWER services, and more. You'll leave this Systems Information Technology Cisco security training course armed with the knowledge needed to keep a Cisco system secure.

SASAC: IMPLEMENTING CORE CISCO ASA SECURITY v1.0

Length: 5 days **Price: \$3,795.00** **CLC: 38**

Implementing Core Cisco ASA Security (SASAC) v1.0 is a new 5-day ILT class that:

- Covers the Cisco ASA 9.0 / 9.1 core firewall and VPN features
- Offers hands-on labs Cisco ASA Core v1.0 is designed to teach network security engineers working on the Cisco ASA Adaptive Security Appliance to implement core Cisco ASA features, including the new ASA 9.0 and 9.1 features.

SENSS: IMPLEMENTING CISCO EDGE NETWORK SECURITY SOLUTIONS v1.0

Length: 5 days **Price: \$3,695.00** **CLC: 37**

Implementing Cisco Edge Network Security Solutions (SENSS) v1.0 is a newly created five-day instructor-led training (ILT) course that is part of the curriculum path leading to the Cisco Certified Network Professional Security (CCNP® Security) certification. Additionally, it is designed to prepare





security engineers with the knowledge and hands-on experience to prepare them to configure Cisco perimeter edge security solutions utilizing Cisco Switches, Cisco Routers, and Cisco Adaptive Security Appliance (ASA) Firewalls.

The goal of the course is to provide students with foundational knowledge and the capabilities to implement and managed security on Cisco ASA firewalls, Cisco Routers with the firewall feature set, and Cisco Switches.

The student will gain hands-on experience with configuring various perimeter security solutions for mitigating outside threats and securing network zones. At the end of the course, students will be able to reduce the risk to their IT infrastructures and applications using Cisco Switches, Cisco ASA, and Router security appliance feature and provide detailed operations support for these products.

SESA: SECURING EMAIL WITH CISCO EMAIL SECURITY APPLIANCE PARTS 1 AND 2

Length: 3 days

Price: \$2,850.00

CLC: 29

Securing Email with Cisco Email Security Appliance (SESA) combines Parts 1 and 2 (SESA1, SESA2) into a single, three-day course. Students who take this SESA training learn to use Cisco Email Security Appliances (ESAs) to manage and troubleshoot email in their networks. Attendees of this SESA course receive in-depth instruction on popular features, emphasizing topics listed below, learn advanced Internet email concepts and receive an overview of how to customize configurations. SESA also teaches advanced configuration and operation of the Cisco ESA (Formerly Cisco IronPort Email Security Appliance). Extensive lab exercises provide critical hands-on experience with advanced features of the ESA.

SIMOS: IMPLEMENTING CISCO SECURE MOBILITY SOLUTIONS v1.0

Length: 5 days

Price: \$3,795.00

CLC: 38

Implementing Cisco Secure Mobility Solutions (SIMOS) v1.0 is a newly created five-day instructor-led training (vILT) course that is part of the curriculum path leading to the Cisco Certified Network Professional Security (CCNP Security) certification. This course is designed to prepare network security engineers with the knowledge and skills they need to protect data traversing a public or shared infrastructure such as the Internet by implementing and maintaining Cisco VPN solutions. Students of this course will gain hands-on experience with configuring and troubleshooting remote access and site-to-site VPN solutions, using Cisco ASA adaptive security appliances and Cisco IOS routers.

SISAS: IMPLEMENTING CISCO SECURE ACCESS SOLUTIONS

Length: 5 days

Price: \$3,995.00

CLC: 40

Implementing Cisco Security Access Solutions (SISAS) is a 5-day training program that describes an access control solution that centers on the Cisco Identity Services Engine (ISE). The learners build the solution by implementing basic authentication and then extending the system with the authorization, guest services, Cisco TrustSec, posture, and profiling components.





The most fundamental concepts include the authentication methods, such as 802.1X, MAC Authentication Bypass (MAB), and Web authentication (WebAuth). The learners implement various types of the Extensible Authentication Protocol (EAP) using two different 802.1X supplicants: the native Windows OS supplicant and the Cisco AnyConnect supplicant. The Cisco AnyConnect supplicant is used for a range of scenarios, including EAP chaining.

Although the Web Authentication and the guest services are often deployed together, the learners first implement the WebAuth feature for employee access and then enable the guest feature to allow guest access. The posture service on the ISE is used to determine the security posture status of the endpoints. The learners use the built-in posture elements pre-configured in the ISE, and also implement a custom remediation to automatically install antivirus software. The ISE offers a wide range of profiling capabilities. The learners test the default functionality with the common probes enabled, and extend the profiling granularity by defining custom policies. The course ends with a troubleshooting lesson and an optional troubleshooting lab exercise.

SISE: IMPLEMENTING AND CONFIGURING CISCO IDENTITY SERVICES ENGINE V3.0

Length: 5 days

Price: \$3,995.00

CLC: 40

Implementing and Configuring Cisco Identity Services Engine (SISE) v3.0 is a 5-day Cisco ISE training program that discusses the Cisco Identity Services Engine, an identity and access control policy platform that provides a single policy plane across the entire organization, combining multiple services, including authentication, authorization, and accounting (AAA), posture, profiling, device onboarding, and guest management, into a single context-aware identity-based platform. This CCNA course provides students with the knowledge and skills to enforce security posture compliance for wired and wireless endpoints as well as enhance infrastructure security using the Cisco ISE.

When it comes to CCNA security, this is an ideal course for anyone who plans to work with the Cisco Identity Services Engine. Sign up for this Cisco ISE implementation course or one of our other Cisco ISE training courses today,

SITCS: IMPLEMENTING CISCO THREAT CONTROL SOLUTIONS V1.5

Length: 5 days

Price: \$3,795.00

CLC: 38

Implementing Cisco Threat Control Solutions (SITCS) v1.5 is a 5-day instructor led course that provides network professional with the knowledge to implement Cisco FirePOWER NGIPS (Next-Generation Intrusion Prevention System) and Cisco AMP (Advanced Malware Protection), as well as Web Security, Email Security and Cloud Web Security. You will gain hands-on experience configuring various advance Cisco security solutions for mitigating outside threats and securing traffic traversing the firewall.



Service Provider

MPLS: IMPLEMENTING CISCO MPLS v3.0

Length: 5 days

Price: \$3,695.00

CLC: 37

Implementing Cisco MPLS (MPLS) v3.0 is a 5-day training program designed to introduce you to MPLS concepts, installation, migration, operation, inspection, and troubleshooting. You'll start with an overview of MPLS and its operation, after which you'll concentrate on MPLS Virtual Private Network (VPN) deployment. The MPLS fundamentals covered in this class will provide the theory and hands-on knowledge to implement, integrate, and deploy an MPLS infrastructure. The MPLS VPN lecture and labs will cover the models, diversity, implementation, troubleshooting, and flexibility of MPLS VPNs.

SPACI: ACI FOR SERVICE PROVIDERS

Length: 5 days

Price: \$4,595.00

CLC: 46

ACI for Service Providers (SPACI) is a 5-day Cisco ACI training course that provides ACI use cases for Service Provider environments including policy-driven configurations and design details, multi-tenant internal and external network integration and migration, routing protocol exploration, security implications, and disaster recovery solutions. Students in the ACI training course will perform various scenario-driven configurations and testing in lab exercises using hands-on labs. The Cisco online training course entails students learning how to simplify complex routing deployments and reduce the time and cost required to provision customer networking needs while maintaining both ACI and non-ACI networks. Students will learn to support site redundancy including disaster recovery solutions both at the customer site and public cloud provider levels while maintaining the integrity of customer data and hardening of sensitive information. This is an ideal Cisco online training course to build your skill set and prepare for Cisco ACI certification. Get the skills employers need in today's Information Technology environment and sign up for this Cisco ACI training course today.

SPCORE: IMPLEMENTING CISCO SERVICE PROVIDER NEXT-GENERATION CORE NETWORK SERVICES v1.2

Length: 5 days

Price: \$3,995.00

CLC: 40

Implementing Cisco Service Provider Next-Generation Core Network Services (SPCORE) v1.2 is a training program designed to help students prepare for Cisco CCNP SP certification. It introduces the concepts of Multi-Protocol Label Switching (MPLS) and describes its implementation as well as exploring the MPLS Traffic Engineering (MPLS-TE) services built on the MPLS technology.

The course enables learners to use the technology principles of basic Quality of Service, and Quality of Service with MPLS to implement advanced features and functions. The focus of the course is on technology issues of MPLS and on best practices for implementing QoS from the Service Providers perspective and how to configure some of those features and functions in an existing routed environment.



SPEDGE: IMPLEMENTING CISCO SERVICE PROVIDER NEXT-GENERATION EDGE NETWORK SERVICES v1.2

Length: 5 days

Price: \$3,995.00

CLC: 40

Implementing Cisco Service Provider Next-Generation Edge Network Services (SPEDGE) v1.2 is a five-day course that is designed to help students prepare for the Cisco CCNP SP certification. The SPEDGE course is a component of the CCNP SP curriculum.

The SPEDGE course is designed to provide service provider professionals with information on the use of service provider VPN solutions. The goal is to train professionals to enable service provider point of presence to provide Layer 2 and Layer 3 VPNs. The SPEDGE training reinforces the instruction by providing students with hands-on labs to ensure they thoroughly understand how to implement VPNs within their networks.

The course also includes classroom activities with remote labs that are useful to gain practical skills on deploying Cisco IOS/IOS XE and Cisco IOS XR features to operate and support service provider network.

SPNGN1: BUILDING CISCO SERVICE PROVIDER NEXT-GENERATION NETWORKS PART 1 v1.0

Length: 5 days

Price: \$3,995.00

CLC: 40

Building Cisco Service Provider Next-Generation Networks, Part 1 course is associated with the CCNA Service Provider certification. The course is a 5-day Instructor-Led-Training course (SPNGN1) that provides network engineers and technicians with the basic knowledge and skills necessary to support a service provider network. The CCNA course provides knowledge of the major components of a network and helps learners to understand how service provider networks function. The CCNA training class introduces IP Next-Generation Network (IP NGN) architecture that helps service providers to build modern, scalable and reliable networks. The CCNA certification course also includes classroom activities with remote labs that are useful to gain practical skills for deploying basic Cisco IOS / IOS XE and Cisco IOS XR software features to operate and support service provider networks.

SPNGN2: BUILDING CISCO SERVICE PROVIDER NEXT-GENERATION NETWORKS PART 2 v1.0

Length: 5 days

Price: \$3,995.00

CLC: 40

The Building Cisco Service Provider Next-Generation Networks, Part 2 course is associated with the CCNA Service Provider certification. The CCNA certification course is a 5-day Instructor-Led-Training CCNA class that provides network engineers and technicians the knowledge and skills necessary to implement and support a service provider network. The course provides knowledge of the major components of a service provider network construction and the Cisco service provider IP NGN architecture. The CCNA training class also includes classroom activities with remote labs that are useful to gain practical skills for deploying Cisco IOS / IOS XE and Cisco IOS XR software features to operate and support service provider networks.





SPROUTE: DEPLOYING CISCO SERVICE PROVIDER NETWORK ROUTING v1.2

Length: 5 days

Price: \$3,995.00

CLC: 40

The Deploying Cisco Service Provider Network Routing (SPROUTE) v1.2 is a five-day course that provides service provider professionals with information on the use of advanced routing in implementing scalability for Cisco routers that are connected to LANs and WANs. It is designed to help students prepare for the Cisco CCNP SP certification. The SPROUTE course is a component of the CCNP SP curriculum.

The goal is to train professionals to dramatically increase the number of routers and sites using these techniques instead of redesigning the network when additional sites or wiring configurations are added. The SPROUTE training reinforces the instruction by providing students with hands-on labs to ensure they thoroughly understand how to implement advanced routing within their networks. The course also includes classroom activities with remote labs that are useful to gain practical skills in deploying Cisco IOS/IOS XE and Cisco IOS XR features to operate and support service provider network.

Wireless Networking

CENPI: CONFIGURING ENTERPRISE NETWORKS WITH PRIME INFRASTRUCTURE v3.2

Length: 5 days

Price: \$3,895.00

CLC: 39

Configuring Enterprise Networks with Prime Infrastructure v3.2 (CENPI) is a 5-day instructor led course that provides learners with the knowledge and skills to deploy, manage, and maintain a Cisco Prime Infrastructure 3.2 server. This Unified Access solution lets you manage a traditional wired and wireless network using single network management tool. The you manage a traditional wired and wireless network using single network management tool. The Cisco Prime Infrastructure training labs put you in a realistic customer scenario and let you practice what you learned. Learn more about this Cisco Prime training and all of our CENPI courses we offer here at Systems Information Technology.

CUWNBC: CISCO UNIFIED WIRELESS NETWORKING BOOTCAMP

Length: 5 days

Price: \$3,495.00

CLC: 35

Cisco Unified Wireless Networking Boot Camp (CUWNBC) combines WDBWL and WDAWL into a five-day course, presenting students with challenging real-world deployments such as client mobility between subnets, high client density deployments, and mesh network deployments. Students of our Cisco Wireless training course will be trained on how to make network design decisions about, configure, and troubleshoot WLANs with these challenges. The format of the Cisco bootcamp allows students and the instructor to explore realistic use cases and best practices around more challenging deployment scenarios. The Cisco Wireless training is written at software code level 7.5.





MENPI: MANAGING ENTERPRISE NETWORKS WITH CISCO PRIME INFRASTRUCTURE V3.2

Length: 5 days

Price: \$3,750.00

CLC: 38

In this Cisco Prime Infrastructure training course, you will learn how to design, deploy, operate, and optimize enterprise networks with the Cisco Prime Infrastructure solution (PI). Cisco Prime Infrastructure is part of a Unified Access solution that converges traditional wired and wireless networks into a single network management tool. The Managing Enterprise Networks labs put you in a realistic customer scenario and let you practice what you learned using Cisco Prime Infrastructure 3.2. This MENPI training course's network management perspective has a heavier lean to the wired side of the network management. We suggest students have a working understanding of networks and networking terminology with regards to CCNA Routing and Switching.

WDAWL: DEPLOYING ADVANCED CISCO WIRELESS LANs v1.0

Length: 2 days

Price: \$1,995.00

CLC: 20

This 2-day Deploying Advanced Cisco Wireless LANs (WDAWL) v1.0 training program builds upon the basic deployments course by presenting you with more challenging real-world deployments such as client mobility between subnets, high-client density deployments, and mesh-network deployments. This course allows the instructor and students to share experiences, pitfalls, and best practices around challenging deployment scenarios. The course is written at software code level 7.5. Please be advised that this course does not go into the Cisco Prime Infrastructure (PI). The PI is covered completely in the follow-up course, WMNGI - Managing Cisco Wireless LANs v1.2.

WDBWL: DEPLOYING CISCO BASIC WIRELESS LANs v1.1

Length: 3 days

Price: \$2,595.00

CLC: 26

Deploying Cisco Basic Wireless LANs (WDBWL) v1.1 is a 3-day course that provides you with the skills and resources required to successfully plan, install, configure, troubleshoot, monitor, and maintain basic Cisco Wireless LAN solutions in a customer-enterprise environment. You will learn about pre-deployment planning considerations, configuration of autonomous, unified, and FlexConnect architectures, configuration of all base features, including wireless security, the administration of the WLAN network, and maintenance and troubleshooting wireless network issues. The course is written at software code level 7.5. Please be advised that this course does not go into the Cisco Prime Infrastructure (PI). The PI is covered completely in the follow up course Managing Cisco Wireless LANs (WMNGI).

This course incorporates materials from the Official Microsoft Learning Product 20697-2B, and it may assist you in your preparation for Exam 70-697: Configuring Windows Devices.

WIDEPLOY: DEPLOYING CISCO WIRELESS ENTERPRISE NETWORKS

Length: 5 days

Price: \$3,795.00

CLC: 38

In Deploying Cisco Wireless Enterprise Networks (WIDEPLOY), you will learn how to deploy wireless networks using Cisco controller and unified switching architectures policies and best practices, as





well as ensure the proper implementation of mobility standards and proper configuration of all aspects of wireless components. Hands-on labs reinforce concepts taught, including deployment of Cisco AireOS 8.0, Cisco Prime Infrastructure Release 2.2, as well as the Cisco Mobility Services Engine Release 8.0 features.

Cisco CCNP Wireless certification addresses the need for designing, implementing, and operating Cisco Wireless networks and mobility infrastructures. CCNP Wireless certification emphasizes wireless networking principles and theory.

WIDESIGN: DESIGNING CISCO WIRELESS ENTERPRISE NETWORKS v1.1

Length: 5 days

Price: \$3,795.00

CLC: 38

Designing Cisco Wireless Enterprise Networks (WIDESIGN) v 1.1 is a 5-day training program designed to teach how to design a Cisco wireless network from initial customer contact to post-deployment activities. In addition, you will learn to use the appropriate tools to assist in wireless design and management. This course is targeted toward wireless network engineers with at least three years of experience in the networking field.

The Cisco CCNP Wireless certification addresses the need for designing, implementing, and operating Cisco wireless networks and mobility infrastructures. CCNP Wireless certification emphasizes wireless networking principles and theory. If you're looking to further your knowledge and understanding of wireless network infrastructure design, this Cisco WIDESIGN training course is perfect for you.

WIFUND: IMPLEMENTING CISCO WIRELESS NETWORK FUNDAMENTALS v1.0

Length: 5 days

Price: \$3,295.00

CLC: 33

Implementing Cisco Wireless Network Fundamentals (WIFUND) v1.0 is a 5-day training program that helps prepare you for the associate-level CCNA Wireless certification, a prerequisite to CCNP Wireless certification.

You will learn how to design, install, configure, monitor, and conduct basic troubleshooting tasks of a Cisco Wireless LAN (WLAN) in SMB and enterprise installations.

Note: Please bring a laptop computer with an Ethernet port as well as an internal wireless NIC, 802.11a/b/g/n. Access to the remote labs requires a browser that supports Java and permissions to open RDP or encrypted RDP (RDP443) sessions. If your browser does not support Java, you will need administrator rights to the laptop to install software.

WISECURE: SECURE CISCO WIRELESS ENTERPRISE NETWORKS

Length: 5 days

Price: \$3,795.00

CLC: 38

Secure Cisco Wireless Enterprise Networks (WISECURE) is a training program designed to teach how to secure Cisco wireless networks. The course provides guidelines for implementing Wi-Fi security architectures through proper configuration of Cisco wireless components, and also includes hands-on labs to reinforce concepts. In this WISECURE training, you will learn about deploying Cisco AireOS





8.0, Cisco Prime Infrastructure Release 2.2, as well as Cisco Identity Services Engine Release 1.3 features.

Cisco CCNP Wireless certification addresses the need for designing, implementing, and operating Cisco Wireless networks and mobility infrastructures. CCNP Wireless certification emphasizes wireless networking principles and theory. We recommend students have their CCNA Wireless certification and CCNA Routing and Switching certification before enrolling in this Secure Cisco Wireless Enterprise Networks course.

WITSHOOT: TROUBLESHOOTING CISCO WIRELESS ENTERPRISE NETWORKS v1.1

Length: 3 days

Price: \$2,595.00

CLC: 26

Troubleshooting Cisco Wireless Enterprise Networks (WITSHOOT) v1.1 is a 3-day ILT training program that provides students information to troubleshoot Cisco wireless networks. The course provides guidelines for troubleshooting Wi-Fi architectures of Cisco wireless components. WITSHOOT provides students hands-on labs to reinforce concepts. Concepts taught include troubleshooting Cisco AireOS Release 8.0, Cisco Prime Infrastructure Release 2.2, and Cisco Identity Services Engine (Cisco ISE) Release 1.3 features. WITSHOOT is targeted toward wireless network engineers with 3-5 years of experience in the networking or security fields.

WMNGI: MANAGING CISCO WIRELESS LANs v1.2

Length: 4 days

Price: \$3,095.00

CLC: 31

Managing Cisco Wireless LANs (WMNGI) v1.2 is a 4-day training program. Learn to configure, monitor, and troubleshoot Cisco Unified Wireless Network devices using Cisco Prime NCS. This course is designed to prepare you to use the Cisco Unified Wireless Network management products and applications to configure, administer, manage, troubleshoot, and optimize the network. In this Cisco wireless training course, you will learn to configure, monitor, and troubleshoot Cisco Unified Wireless Network devices using Cisco Prime NCS and to configure, administer, manage, and troubleshoot guest access and mobility services. You will learn how to integrate Cisco Identity Services Engine (ISE) with Cisco NCS, and after a quick overview of the Cisco Unified Wireless Network management products and applications, you will learn how to install high availability and firewall support for Cisco NCS. You will discover how to give users the appropriate permissions and restrictions for using Cisco NCS, and investigate how to use Cisco NCS to configure components and services for your network. Fundamental precepts include a general network management experience, basic understanding of RF and networking principles, and an understanding of Cisco Lifecycle Services.

