



course catalogue

01	About Training Partners
02	Better qualified to help your business
	Training Partners Specialised Courses
03	Security Technologies (ST)
03	Network and Systems Foundations (NSF)
03	Storage Network Technologies (SNT)
04	Configuring Wireless LAN (CWLAN)
04	Certified Information System Security Professional (CISSP)
04	Understanding ISO 17799 (ISO17799)
05	Implementing BS 7799 (BS7799)
05	Project Management Professional (PMP)® Prep Course (PMP-Prep)
	Cisco-Training Partners Co-developed Courses
06	CCIE Routing and Switching Pre-lab Workshop (CCIE-P)
06	CCIE Routing and Switching Bootcamp (CCIE-B)
06	Cisco Secure Access Control Server Configuration & Management (CSACS)
07	Configuring Cisco ISR for Secure Voice and Data (CISR)
07	Cisco IP Telephony Bootcamp (CIPT-B)
	Cisco Professional Certification Track Courses
	<u>CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)</u>
08	Introduction to Cisco Networking Technologies (INTRO)
08	Interconnecting Cisco Network Devices (ICND)
	<u>CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)</u>
08	Building Scalable Cisco Internetworks (BSCI)
09	Building Cisco Multilayer Switched Networks (BCMSN)
09	Building Cisco Remote Access Networks (BCRAN)
09	Cisco Internetwork Troubleshooting (CIT)
	<u>CISCO CERTIFIED INTERNETWORK PROFESSIONAL (CCIP)</u>
10	Building Scalable Cisco Internetworks (BSCI)
10	Configuring BGP on Cisco Routers (BGP)
10	Implementing Cisco MPLS (MPLS)
11	Implementing Cisco Quality of Service (QOS)

CISCO CERTIFIED DESIGN ASSOCIATE (CCDA)

11 Designing for Cisco Internetwork Solutions (DESGN)

CISCO CERTIFIED DESIGN PROFESSIONAL

11 Building Scalable Cisco Internetworks (BSCI)

12 Building Cisco Multilayer Switched Networks (BCMSN)

12 Designing Cisco Network Service Architecture (ARCH)

CISCO CERTIFIED VOICE PROFESSIONAL

12 Cisco Voice Over IP (CVOICE)

13 Cisco IP Telephony Part-1 (CIPT-1)

13 Cisco IP Telephony Part-2 (CIPT-2)

13 IP Telephony Troubleshooting (IPTT)

13 Implementing Cisco Quality of Service (QOS)

CISCO CERTIFIED SECURITY PROFESSIONAL

14 Securing Cisco IOS Networks (SECUR)

14 Cisco Secure PIX Firewall Advanced (CSPFA)

14 Cisco Secure Virtual Private Network (CSVPN)

15 Cisco Secure Intrusion Detection Systems (CSIDS)

15 Cisco SAFE Implementation (CSI)

Cisco Additional Certification Courses

CONTENT NETWORKING

16 Content Services Switch Operation and Configuration (CSSOC)

16 Application & Content Networking System Operation and Configuration (ACNS)

16 Enterprise Content Delivery Networking Operation & Configuration (ECDN)

VOICE AND IP TELEPHONY

17 IPCC Express & IP IVR Deployment (CRSD)

17 IP Telephony Design (IPTD)

17 IP Telephony Express (IPTX)

18 Cisco Unity Design and Networking (CUDN)

18 Unified Communications System Administrator (UCSA)

18 Unified Communications System Engineer (UCSE)

NETWORK MANAGEMENT

- 19 Implementing CiscoWorks for Enterprise LAN/WAN Management (CWENT)

WIRELESS LAN

- 19 Aironet Wireless LAN Fundamentals (AWLF)
- 19 Cisco Aironet Wireless Site Survey (CAWSS)
- 20 Aironet Wireless LAN Fundamentals & Cisco Aironet Wireless Site Survey (AWFSS)
- 20 Wireless LAN Solution Engine (WLSE)

STORAGE NETWORKS

- 20 MDS 9000 Configuration & Troubleshooting (MDSCT)
- 21 Cisco Advanced Storage Implementation and Troubleshooting (CASI)
- 21 Cisco MDS Storage Networking Fundamentals (CMSNF)
- 21 Cisco Multiprotocol Storage Essentials (CMSE)
- 22 Cisco Storage Network Design Essentials (CSDE)

SECURITY

- 22 Securing Hosts using Cisco Security Agent (HIPS)
- 22 Network Access Control (NAC)

Other Advanced Technologies

- 23 Implementing Cisco MPLS Traffic Engineering & Other Features (MPLST)
- 23 IPv6 Fundamentals (IPVSF)
- 23 IPv6 Design & Deployment (IPVSD)
- 24 Implementing IPv6 Networks (IPV6)
- 24 Gateway GPRS Support Node (GGSN)
- 24 Packet Data Support Node (PDSN)
- 25 Gateway Gatekeeper (GWGK)
- 25 Wide Area File System (WAFS)
- 25 Cisco PSTN Gateway Call Control Product Training (PGW)
- 26 Cisco IP Transfer Point (ITP)
- 26 Implementing Broadband Aggregation on Cisco 10000 Series (BBAGG)
- 26 Implementing Cisco Multicast (MCAST)
- 27 MGX ATM Concentrator Configuration (MACC)
- 27 MGX ATM Edge Switch Configuration (MAESC)
- 27 Multiband Switch and Service Configuration (MSSC)
- 27 Cisco WAN Manager Installation and Operation (CWMIO)

Check Point Courses

- 28 Check Point VPN-1/FireWall-1 Management I – NG (Checkpoint I)
- 28 Check Point VPN-1/FireWall-1 Management II – NG (Checkpoint II)
- 28 Check Point VPN-1/FireWall-1 Management III – NG (Checkpoint III)

Foundry Courses

- 29 Basic Switch Router Configuration and Management
- 29 Introduction to Web Switching & Load Balancing
- 29 Advanced Switching / Routing Configuration and Management
- 29 IronView Network Management

about training partners

Introducing Training Partners

Training Partners is Asia Pacific's leader in IT network and security infrastructure, project management as well as data and voice communications training. Established in Singapore in 1994 to address the growing demand for IT skills training, we have since expanded to cover over 25 cities in 13 countries in the region.

We are widely recognised as the region's training trendsetter, consistently setting new industry benchmarks and deploying cutting-edge technologies. If you are determined to expand your horizons and drive your business forward, no other training organisation in Asia Pacific can offer you the services and support that Training Partners can.

Introducing the Course Catalogue

Training Partners understands that individual business needs vary widely, which is why our course catalogue outlines a wide range of training courses, designed to enhance and expand the skills of IT professionals of all levels. Each course is carefully structured to provide participants with the knowledge and practical understanding that they need in order to support the successful running of your IT infrastructure and ensure that your business maintains its competitive edge.

The course catalogue is designed to help you choose the right course to suit your IT professionals' experience and expertise, and enable them to support your organisation's objectives. The course descriptors include information about the level of the course, its mode of delivery, the course objectives and the enhanced skills that you can expect participants to leave with. All of which empowers you to choose courses that help to expand your business horizons.

Partnerships that deliver results

Over the years, we have forged a peerless set of close relationships with industry leaders to stay ahead of training trends and demands, which enable us to offer unparalleled training solutions to businesses just like yours.

Avaya	– Strategic Partner
Check Point	– Authorised Training Centre
Cisco Systems	– Cisco Learning Solutions Partner
CompTIA	– Strategic Partner
EMC	– Strategic Partner
Foundry Networks	– Authorised Training Centre

better qualified to help your business

Our key differentiators

Customer-centric solutions

Training Partners works hand in hand with your business to develop a customised training solution that caters to the ambitions and career roadmap of the individual, in line with your corporate strategy.

Regional coverage, local expertise

Training Partners' support infrastructure extends to 25 cities in 13 Asia Pacific countries. With the capability to conduct training courses in many major Asian languages, including Cantonese, Japanese, Korean, and Mandarin, Training Partners has both the regional reach and local understanding to accommodate diverse linguistic and cultural needs.

Expert instruction

Training Partners' tutors are highly qualified, vendor-certified instructors with technical expertise, linguistic proficiency and extensive hands-on experience. Required to accompany engineers into the field at least once a year to remain conversant with emerging applications, these instructors are consistently rated above industry standards in student evaluations.

Training Partners also offers an individual mentoring service for clients to monitor their training programmes and ensure their objectives are being met.

State-of-the-art facilities

In order to simulate a realistic environment and conditions for enhanced learning, Training Partners invests millions of dollars in furnishing our training centres with the latest state-of-the-art technology and equipment.

Vendor-specific or bespoke solutions

As a market leader and key player in high end multi-vendor IT training solutions, Training Partners provides a wide range of training options tailored to suit your organisation's needs. From vendor-specific courses which leverage our close relationships with leading industry players, to customised technology training, including bespoke in-house developed courses, you can choose from the very latest learning and development courses.

Scalable resources

With regional span, integrated resources and ready access to the latest technology, Training Partners has the core competencies in place to devise and scale up training solutions as quickly as your business can take on new staff, embrace new applications or develop new disciplines.

Industry certification

Through its VUE and Thomson Prometric Testing Centres established across the region, Training Partners offers clients the reassurance of standardised, recognised, industry certification. In addition, vendor-compliant mobile labs enable beneficial on-site training.

Microsoft	– Strategic Partner
Netscout	– Strategic Partner
PMPartners	– Strategic Partner
Prometric	– Authorised Training Centre
Symantec	– Authorised Testing Centre
VUE	– Authorised Testing Centre

Course Name

Security Technologies

Course Code : ST**Course Length**: 3 days

Course Description

Through lectures, presentations and interactive sessions, participants will explore the fundamentals of security technologies, security mechanisms and some of the tools used in securing an enterprise. Participants will learn about security policies and practices in the areas of TCP/IP networks, operating systems and Web applications. Popular protocols and applications used in securing communications such as SSL, SSH and TLS will be discussed along with concepts such as Kerberos, IPSEC, and LDAP. Demonstrations and open software based exercises will help reinforce the concepts learned in the class.

Participants get a complete perspective of the current state of security technologies, with strong emphasis on its fundamental building blocks, which prepares them for more detailed training on vendor solutions and optionally, for a Comptia Security+ certification.

Course Name

Network and Systems Foundations

Course Code : NSF**Course Length**: 3 days

Course Description

The Introduction to Networking Fundamentals course provides technical training targeted at professionals who want to understand computer network technology. Topics covered in this class include principles of networking, components of an IP network, system fundamentals, OSI reference model, TCP/IP protocol, IP Addressing, Subnet Masking, LAN Technologies, WAN Protocol, TCP/IP Applications and Common Routing protocol. The course provides theoretical foundations and hands-on experience with configuration.

Course Name

Storage Network Technologies

Course Code : SNT**Course Length**: 3 days

Course Description

Through lectures, presentations and interactive sessions, participants will explore the evolution of storage technologies. Starting from the basics of disk technology, participants will learn about various Storage Architectures such as SAN, NAS, IP based Storage etc. Protocols which form the backbone of storage networks such as SCSI, ISCSI, ATA and Fiber channel technologies will be discussed in detail. Core concepts like virtualisation, storage, data, and continuity management will be discussed with examples of best practices.

Participants gain a complete perspective of the current state of storage technologies with strong emphasis on the fundamental building blocks. The course also prepares participants for more detailed training on vendor solutions, as well as enabling them to make informed decisions in their enterprise regarding the selection criteria and choice of storage solutions, along with their strategy of deployment.

Course Name

Configuring Wireless LAN

Course Code : CWLAN**Course Length**: 2 days

Course Description

Configuring Wireless LAN is a fundamental course to teach the participants the fundamental concepts of a wireless LAN network and configuration. This course is developed for technicians involved in implementing WLAN networks at home or small office environments. The course provides hands-on lab exercises in configuring AP, Wireless LAN adapters, PDAs and laptops. The importance of wireless LAN security is stressed in the course and various options for securing wireless networks are discussed.

Course Name

Certified Information System Security Professional

Course Code : CISSP**Course Length**: 5 days

Course Description

CISSP Exam preparation course is designed to prepare participants for success in the CISSP certification examinations. Please refer to www.isc2.org for more information and exam scheduling for CISSP, one of the growing number of certifications in vendor neutral security. The course content is delivered through a combination of lectures and discussions. Sample tests will be administered in class to prepare participants for the six-hour long certification exams. This course is based on the official ISC2 curriculum and developed based on the official ISC2 study materials.

Tools and references needed for participants to pursue further studies will be provided, along with the course guide and notes.

Course Name

Understanding ISO 17799

Course Code : ISO17799**Course Length**: 1 day

Course Description

Our practical one-day course provides you a better understanding of current best practices relating to information security management. This exercise-based course introduces the ISO 17799 and BS 7799 standards for information security management; reviews the information security controls of the ISO 17799 standard; suggests practical applications of the standard, and outlines the responsibilities of all staff. The course provides comprehensive reference materials, providing you with useful templates for maintaining and improving information security and continuity in your organisation. This Training Partners course includes content from an ever increasing source of standards, guidelines, publications, organisations, forums and practitioners. It employs the educational techniques of problem solving, interactive exercises, group presentations and peer reviews, thus providing you with an enjoyable learning experience and maximum benefit.

Course Name

Implementing BS 7799

Course Code : BS7799**Course Length**: 2/3 days

Course Description

Our two- or three-day practical and interactive course leads you through a series of exercises providing you with the knowledge, skills and a framework for managing your organisation's information security concerns. You will learn practical information risk management techniques that follow the advice and requirements of ISO 17799 and BS 7799 for information security management, and their relation to business continuity management. You will gain direct practical experience of the methodologies of business impact analysis, risk assessment and risk management, and take away templates that will prove useful in your organisation. You will also gain sufficient understanding to assess whether BS 7799 certification or compliance is appropriate for the needs of your organisation. This Training Partners course includes content from an ever increasing source of standards, guidelines, publications, organisations, forums and practitioners. It employs the educational techniques of problem solving, interactive exercises, group presentations and peer reviews, providing you with an enjoyable learning experience and maximum benefit.

Course Name

Project Management Professional (PMP)® Prep Course

Course Code : PMP-Prep**Course Length**: 5 days

Course Description

Our PMP Prep workshop provides the necessary exam and certification preparation required in order to obtain the globally recognised PMP (Project Management Professional) Certification from the PMI® (Project Management Institute).

Our intention is not to teach you how to project manage but to guide you through the process and study required to obtain certification. The workshop builds upon the PMBOK (Project Management Body Of Knowledge).

Course Name

CCIE Routing & Switching Pre-lab Workshop

Course Description

Course Code : CCIE-P
Course Length : 5 days

This is a lab intensive course where participants will be guided through various lab scenarios. Participants get the opportunity to assess their configuration and troubleshooting skills in a limited time frame. The expert instructor will instruct participants on tips and techniques for configuration and troubleshooting.

Course Name

CCIE Routing & Switching Bootcamp

Course Description

Course Code : CCIE-B
Course Length : 10 days

There is a huge knowledge gap for an existing CCNP to become a CCIE. This bootcamp identifies component knowledge for CCIE which are missing from the CCNP curriculum. The objective of this programme is bridge this knowledge gap. The bootcamp is oriented toward helping CCNPs prepare for the lab exam as the CCIE lab is always the toughest hurdle to clear in the pursuit of CCIE.

Course Name

Cisco Secure Access Control Server Configuration & Management

Course Description

Course Code : CSACS
Course Length : 3 days

This course is targeted at students who want to learn the fundamental principles of configuring AAA (Authentication, Authorisation and Accounting) on Cisco devices, using CSACS. The class consists of both lecture and hands-on. The lab exercises give first-hand experience in configuring and troubleshooting access control problems on Cisco routers.

Course Name

Configuring Cisco ISR for Secure Voice and Data

Course Description

Course Code : CISR
Course Length: 5 days

The course teaches participants how to build a secure VPN network and configure services such as IP telephony and content networking over the network. Extensive practical labs equipped with the new Cisco Integrated Services Router and selected network integration modules and software allow participants to practice implementation and troubleshooting of Cisco IOS Firewall, site-to-site VPNs, dynamic multipoint VPNs (DMVPNs), Cisco CallManager Express, Cisco Unity Express, and content caching in an enterprise to branch office environment. Participants attending the course will learn how to deploy these technologies on the new Cisco Integrated Services Router platform.

Course Name

Cisco IP Telephony Bootcamp

Course Description

Course Code : CIPT-B
Course Length: 5 days

The two courses CIPT 1 and 2 are combined here to provide a bootcamp type of course in order to conduct the training in less number of days. The course focuses on the combined course objectives and content.

The course is intended for personnel within a multi-channel call centre environment who will have day-to-day interaction with ICM products from Cisco. The course covers the ICM E-Mail Manager Option and the ICM Web Collaboration Option. The course will cover the features of both options as well as the integration with ICM.

Latter part of the course focuses on Cisco CallManager's advanced features and options. These features include point-to-point video calls for appropriate video enabled endpoints as well as video conferencing, Cisco CallManager Attendant Console, IP Softphone and extension mobility, security features for hardening of applications and hardware for VoIP, and command-line tools and monitoring devices that Cisco provides for troubleshooting voice and data networks.

Cisco Professional Certification Track Courses

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)

Course Name

Introduction to Cisco Networking Technologies

Course Description

Course Code : INTRO
Course Length: 4 days

The Introduction to Cisco Networking Technologies (INTRO) course is recommended training for individuals seeking an understanding and knowledge of networking fundamentals, including the Open Systems Interconnect (OSI) seven-layer model concepts, along with terminology and technologies. The course also provides participants with the basic skills and knowledge to configure a Cisco IOS router for network connectivity. It is recommended training for individuals seeking certification as a Cisco Certified Network Associate (CCNA).

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)

Course Name

Interconnecting Cisco Network Devices

Course Description

Course Code : ICND
Course Length: 5 days

Interconnecting Cisco Network Devices (ICND) is an instructor-led course presented by Training Partners for their end-user customers. This five-day course focuses on using Cisco Catalyst switches and Cisco routers, connected in local-area networks (LANs) and wide-area networks (WANs), typically found in small to medium network sites. Upon completion of this training course, participants will be able to select, connect, configure, and troubleshoot the various Cisco networking devices. ICND is recommended training for all those seeking certification as a Cisco Certified Network Associate (CCNA).

CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)

Course Name

Building Scalable Cisco Internetworks

Course Description

Course Code : BSCI
Course Length: 5 days

The BSCI course is recommended training for individuals seeking certification as a Cisco Certified Network Professional (CCNP). The BSCI programme instructs network administrators of medium-to-large network sites on the use of advanced IP addressing and routing in implementing scalability for Cisco routers connected to LANs and WANs. The aim is to train network administrators to grow a dramatically increased number of routers/sites using these techniques, instead of redesigning the network when additional sites or wiring configurations are added. The course contains seven modules and 16 main lab exercises.

Cisco Professional Certification Track Courses

CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)

Course Name

Building Cisco Multilayer Switched Networks

Course Code : BCMSN

Course Length: 5 days

Course Description

Building Cisco Multilayer Switched Networks (BCMSN) is recommended training for individuals seeking certification as Cisco CCNP. This course enables participants to use appropriate technologies to build scalable multilayer switched networks, to create and deploy a global intranet, and to implement basic troubleshooting techniques in environments that use Cisco multilayer switches for client hosts and services. The course also enables participants to improve traffic flow, reliability, redundancy, and performance for LAN switching that is self-supported or transported via a service provider. The purpose of this course is to enable participants to achieve a mid-career, professional-level competency.

CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)

Course Name

Building Cisco Remote Access Networks

Course Code : BCSPAN

Course Length: 5 days

Course Description

The BCSPAN course is an advanced programme that introduces techniques and features that enable or enhance WAN and remote access solutions. The course focuses on using one or more of the available WAN dialup or permanent connection technologies for remote access between enterprise sites. The course includes asynchronous modem connections, PPP LCP features, cable modems and DSL with NAT, network security using VPNs with IPSec encryption and IKE keys, ISDN (BRI and PRI), DDR, Frame Relay including sub-interface and traffic shaping, dial backup, QoS using queuing and compression, and finally AAA.

BCSPAN is part of the recommended learning path for students seeking certification as a Cisco Certified Network Professional (CCNP).

CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)

Course Name

Cisco Internetwork Troubleshooting

Course Code : CIT

Course Length: 5 days

Course Description

The aim of the CIT course is to provide participants with hands-on experience in troubleshooting sub-optimal performance in a converged network. The course is an integral part of the route to becoming a Cisco Certified Network Professional (CCNP). CIT deepens the participant's technical ability rather than introducing new baseline technology.

Cisco Professional Certification Track Courses

CISCO CERTIFIED INTERNETWORK PROFESSIONAL (CCIP)

Course Name

Building Scalable Cisco Internetworks

Course Description

Course Code : **BSCI**
Course Length: **5 days**

Please see page o8.

CISCO CERTIFIED INTERNETWORK PROFESSIONAL (CCIP)

Course Name

Configuring BGP on Cisco Routers

Course Description

Course Code : **BGP**
Course Length: **5 days**

The Configuring BGP on Cisco Routers (BGP) course provides participants with an in-depth knowledge of BGP, the routing protocol that is one of the underlying foundations of the Internet, and new technologies such as Multiprotocol Label Switching (MPLS). The course curriculum covers the theory of BGP and configuration of BGP on Cisco IOS routers. It also offers detailed troubleshooting information along with hands-on exercises that provide participants with the skills needed to configure and troubleshoot BGP networks in customer environments. Different service solutions in the curriculum cover BGP network design issues and usage rules for various BGP features, preparing students to design and implement efficient, optimal, and trouble-free BGP networks.

CISCO CERTIFIED INTERNETWORK PROFESSIONAL (CCIP)

Course Name

Implementing Cisco MPLS

Course Description

Course Code : **MPLS**
Course Length: **5 days**

The Implementing Cisco MPLS course enables participants to gather information from a basic introductory level to some of the more updated features and functions such as Traffic Engineering, Fast Reroute and Any Transport over MPLS (AToM). The focus of the course is on the VPN technology issues of MPLS from the service providers' perspective, and participants learn how to configure some of these features and functions in an existing routed environment.

Cisco Professional Certification Track Courses

CISCO CERTIFIED INTERNETWORK PROFESSIONAL (CCIP)

Course Name

Implementing Cisco Quality of Service

Course Code : QOS

Course Length: 5 days

Course Description

The Implementing Cisco Quality of Service (QOS) course provides participants with in-depth knowledge of IP QoS requirements, conceptual models using Differentiated Services (DiffServ), Integrated Services (IntServ) and Best Effort (over provisioning), along with the implementation of IP QoS on Cisco IOS switch and router platforms.

The curriculum covers the theory of IP 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 participants apply the concepts mastered in individual modules to real-life scenarios.

The course also provides design and usage rules for various advanced IP QoS features and the integration of IP QoS with underlying Layer 2 QoS mechanisms, allowing participants to design and implement efficient, optimised, and trouble-free multi-service networks.

CISCO CERTIFIED DESIGN ASSOCIATE (CCDA)

Course Name

Designing for Cisco Internetwork Solutions

Course Code : DESGN

Course Length: 5 days

Course Description

Designing for the Cisco Internetwork Solutions (DESGN) course covers general approaches and technologies for network design, and promotes Cisco solutions for designing and implementing scalable internetworks. A specific aim of this course is to promote the new modular approach to network design that has been used intuitively for the last few years, and that Cisco now wants to formalise. The new Enterprise Composite Model facilitates designing, planning, implementing, operating and troubleshooting (PDIOT) networks by concentrating on a certain module and on relations between the modules. Taking into account the fact that most network solutions today (e.g. voice, video, storage networking, content networking) are typically overlay solutions spanning several modules, the composite modular approach seems even more relevant and is the main focus of this course.

CISCO CERTIFIED DESIGN PROFESSIONAL (CCDP)

Course Name

Building Scalable Cisco Internetworks

Course Code : BSCI

Course Length: 5 days

Course Description

Please see page o8.

Cisco Professional Certification Track Courses

CISCO CERTIFIED DESIGN PROFESSIONAL (CCDP)

Course Name

Building Cisco Multilayer Switched Networks

Course Code : BCMSN

Course Length: 5 days

Course Description

Please see page 09.

CISCO CERTIFIED DESIGN PROFESSIONAL (CCDP)

Course Name

Designing Cisco Network Service Architecture

Course Code : ARCH

Course Length: 5 days

Course Description

Taking into account enterprise business and technical requirements and constraints, participants will learn how to perform the conceptual and intermediate design of a network infrastructure that supports the desired network solutions over intelligent network services to achieve effective performance, scalability, and availability. Participants will learn the fundamental aspects of the network design addressing QoS, Security, Network Management, fine-tuning Routing Protocols, Switching Structures and IP Multicast. In addition, participants will acquire Solution Models for network solutions and aspects that are strategic to Cisco customers today like: Voice over IP and IP Telephony, Content and Storage Networking, and Wireless Networking.

CISCO CERTIFIED VOICE PROFESSIONAL (CCVP)

Course Name

Cisco Voice over IP

Course Code : CVOICE

Course Length: 5 days

Course Description

The CVOICE course offers participants the foundation for gaining hands-on skills and a significant understanding of packet telephony by presenting the technologies that are common for both enterprise and service provider participants. The course also teaches participants how to use the available Cisco tools to find the information needed to accomplish their everyday tasks. Since no two networks are alike, this approach enables participants to apply the knowledge gained in this course to their specific needs.

Cisco Professional Certification Track Courses

CISCO CERTIFIED VOICE PROFESSIONAL (CCVP)

Course Name

Cisco IP Telephony Part 1

Course Code : CIPT-1

Course Length: 5 days

Course Description

This five-day course is intended for personnel within a multi-channel call centre environment who will have day-to-day interaction with the ICM products from Cisco. The course covers the ICM E-Mail Manager Option and the ICM Web Collaboration Option. The course will cover the features of both options as well as the integration with ICM.

CISCO CERTIFIED VOICE PROFESSIONAL (CCVP)

Course Name

Cisco IP Telephony Part 2

Course Code : CIPT-2

Course Length: 3 days

Course Description

The Cisco IP Telephony Part II course focuses on Cisco CallManager's advanced features and options. These features include point-to-point video calls for appropriate video enabled endpoints as well as video conferencing, Cisco CallManager Attendant Console, IP Softphone and extension mobility, security features for hardening of applications and hardware for VoIP, and command-line tools and monitoring devices that Cisco provides for troubleshooting voice and data networks.

CISCO CERTIFIED VOICE PROFESSIONAL (CCVP)

Course Name

IP Telephony Troubleshooting

Course Code : IPTT

Course Length: 5 days

Course Description

The IPTT course enables participants to practice troubleshooting skills and is aimed at administrators and engineers who support IP Telephony installations. The IPTT course prepares participants for one of the exams required for the IP Telephony Operations Specialisation and Certification.

CISCO CERTIFIED VOICE PROFESSIONAL (CCVP)

Course Name

Implementing Cisco Quality of Service

Course Code : QOS

Course Length: 5 days

Course Description

Please see page 11

Cisco Professional Certification Track Courses

CISCO CERTIFIED SECURITY PROFESSIONAL

Course Name

Securing Cisco IOS Networks

Course Code : SECUR

Course Length: 5 days

Course Description

The SECUR course is a five-day, instructor-led, lab-intensive programme delivered by Cisco Learning Partners. This task-oriented course teaches participants the knowledge and skills needed to secure Cisco IOS router networks.

CISCO CERTIFIED SECURITY PROFESSIONAL

Course Name

Cisco Secure PIX Firewall Advanced

Course Code : CSPFA

Course Length: 5 days

Course Description

The CSPFA course is a five-day, instructor-led, lab-intensive programme delivered by Cisco Learning Partners. This task-oriented course teaches the knowledge and skills needed to describe, configure, verify and manage the PIX Firewall product family.

CISCO CERTIFIED SECURITY PROFESSIONAL

Course Name

Cisco Secure Virtual Private Network

Course Code : CSVPN

Course Length: 4 days

Course Description

The CSVPN course is a five-day, instructor-led, lab-intensive programme delivered by Cisco Learning Partners. This task-oriented course teaches the knowledge and skills needed to describe, configure, verify, and manage the Cisco VPN 3000 Concentrator, Cisco VPN Software Client, and Cisco VPN 3002 Hardware Client feature set.

Cisco Professional Certification Track Courses

CISCO CERTIFIED SECURITY PROFESSIONAL

Course Name

Cisco Secure Intrusion Detection Systems

Course Code : CSIDS

Course Length: 5 days

Course Description

The CSIDS course is a five-day, instructor-led, lab-intensive programme delivered by Cisco Learning Partners. This task-oriented course teaches participants the knowledge and skills needed to design, install, and configure a Cisco Intrusion Protection solution for small, medium, and enterprise networks. The course covers Cisco IDS platforms including the Cisco 4200 Series Sensors, the Network Module for Cisco 2600/3600/3700 routers, and the Catalyst 6000 series Intrusion Detection Module 2 (IDSM2). The IDS Device Manager and the Management Center for IDS Sensors are used to configure and manage Cisco IDS Sensor platforms. The IDS Event Viewer and the Monitoring Centre for Security are used to view IDS alarms.

CISCO CERTIFIED SECURITY PROFESSIONAL

Course Name

Cisco SAFE Implementation

Course Code : CSI

Course Length: 5 days

Course Description

The CSI course is a five-day, instructor-led, lab-intensive programme delivered by Cisco Learning Partners. This task-oriented course teaches participants the knowledge and skills needed to implement and use the principles and axioms presented in the SAFE white papers for Small, Medium & Remote Users (SMR), Enterprise, IP Telephony and Wireless LAN networks on specific devices. The primary focus is on hands-on lab experience, which allows participants to build complete end-to-end security solutions using SAFE SMR as a blueprint. The configuration and functionality of the following devices in a SAFE SMR network are described in detail: IOS Routers, PIX Firewalls, VPN Concentrators, Cisco IDS Sensors, Cisco Security Agent and the Cisco VPN Client. Basic implementation of SAFE wireless LAN is also covered.

Cisco Additional Certification Courses

CONTENT NETWORKING

Course Name

Content Services Switch Operation and Configuration

Course Code : CSSOC

Course Length: 5 days

Course Description

The Content Services Switch Operation and Configuration course provides participants with essential knowledge required for deploying content switching networks and layer 4-7 switching applications. The four-day operation and configuration class provides participants with intensive hands-on training using Cisco 11500 Series Content Services Switch and Content Switching Module for Cisco Catalyst 6500 Series Switch. This course is intended for a technical audience involved in the installation, configuration and maintenance of content switching products. Customised training is available to emphasize the specific requirements of the customer's network and business demands. The course is delivered via a balance of lectures, hands-on lab exercises, and whiteboard discussions.

CONTENT NETWORKING

Course Name

Application & Content Networking System Operation and Configuration

Course Code : ACNS

Course Length: 4 days

Course Description

This four-day technical course includes intensive lectures, whilst also providing hands-on training experience with Cisco's Application and Content Networking System products. The course is intended for technical audiences involved in the installation, configuration and maintenance of Cisco's ACNS products. The class format will alternate between lectures, whiteboard discussions, and hands-on lab exercises.

CONTENT NETWORKING

Course Name

Enterprise Content Delivery Networking Operation & Configuration

Course Code : ECDN

Course Length: 2 days

Course Description

This two-day technical course provides intensive hands-on training on Cisco's Content Delivery Network Enterprise products. The course is intended for technical audiences involved in the installation, configuration and maintenance of Cisco's CDN Enterprise products. The course format will alternate between lectures, whiteboard discussions, and hands-on lab exercises. Topics covered include:

- Content media delivery
- Content Delivery Network Enterprise Overview
- Management using a Web browser User Interface, CDN Wizard, and CLI
- Content Delivery Manager and Content Engine installation
- Importing media content
- Replicating media to Content Engines
- Playback of media
- Redirection logic
- CDM backup and restore
- Software release upgrade procedure
- CDN Enterprise Case Studies
- CDN Enterprise troubleshooting and techniques
- Upgrade CDN Enterprise from release 2.0 to 2.1

Cisco Additional Certification Courses

VOICE AND IP TELEPHONY

Course Name

IPCC Express & IP IVR Deployment

Course Code : **CRSD**
Course Length: **5 days**

Course Description

Cisco Customer Response Solutions (CRS) Deployment is an instructor-led course presented by Training Partners to systems engineers, Cisco AVVID Partners, and customers who will be deploying the Customer Response Solutions (CRS) product.

This course provides participants with hands-on experience and knowledge of tasks typically performed during contact centre deployment. This includes the deployment of IP IVR and IP ICD as a contact centre solution. Tasks include planning, installation, configuration, troubleshooting and application creation.

VOICE AND IP TELEPHONY

Course Name

IP Telephony Design

Course Code : **IPTD**
Course Length: **5 days**

Course Description

The IPTD course prepares planners and designers to design contemporary Cisco IP Communications Solutions that conform to the recommendations and outcomes outlined in the Cisco IP Telephony Solutions Reference Design Guide (SRND).

The Cisco IP Telephony Design course addresses the breadth of technical issues surrounding the design of Voice over Data networks and explains a methodology that brings order to approaching the problems faced by planners and designers. Participants learn how to assess the current network, the Cisco methodology for implementing Voice over Data networks, and how to design sustainable and appropriate implementations.

The course culminates in an intensive lab exercise, where participants apply the concepts, recommendations and calculations to design an enterprise IP telephony solution that can be implemented and maintained cost-effectively.

VOICE AND IP TELEPHONY

Course Name

IP Telephony Express

Course Code : **IPTX**
Course Length: **5 days**

Course Description

IPTX is a five-day course that teaches participants how to install, configure and troubleshoot Cisco CallManager Express and Cisco Unity Express. Participants are expected to have CCNA level skills but no voice or VoIP knowledge. This CallManager Express and Unity Express course supporting the IP Telephony Express CQS also covers CMe 3.0 and CUE1.1 installation, configuration, troubleshooting and design.

Cisco Additional Certification Courses

VOICE AND IP TELEPHONY

Course Name

Cisco Unity Design and Networking

Course Code : CUDN
Course Length: 5 days

Course Description

Cisco Unity Design and Networking (CUDN) is an advanced course for engineers responsible for the design of sustainable complex Unity solutions based on customer requirements. Upon completion of this course, you should have a higher degree of confidence that the designs you provide for your customers will meet their criteria of being sustainable and capable of reducing post-deployment support requirements.

VOICE AND IP TELEPHONY

Course Name

Unified Communications System Administrator

Course Code : UCSA
Course Length: 2 days

Course Description

The aim of this course is to produce competent administrators of Cisco Unity products. It is the first of a two-course series, the other being Cisco Unified Communications System Engineer. As such, it lays the foundation for participation in the Engineer course. A participant must first understand the products featured and how to use them before being able to install, configure, maintain and troubleshoot them. The course partially prepares a participant to take the Unity System Engineer exam.

VOICE AND IP TELEPHONY

Course Name

Unified Communications System Engineer

Course Code : UCSE
Course Length: 5 days

Course Description

The Cisco Unified Communications for System Engineers course covers all of the topics necessary for installation, configuration, operation and maintenance of a Cisco Unity system in either a stand-alone voice mail or unified messaging environment. UCSE provides information on best practices for installation, upgrades, and technical level system set up. Participants completing UCSE after UCSA will be well prepared for the Cisco Unity System Engineer exam. This five-day course consists of two student guides. The first guide is Unified Communications for System Administration (UCSA) and the second is titled Unified Communications for System Engineers.

Cisco Additional Certification Courses

NETWORK MANAGEMENT

Course Name

Implementing CiscoWorks for Enterprise LAN/WAN Management

Course Description

Course Code : CWENT
Course Length: 5 days

The Implementing CiscoWorks for Enterprise LAN/WAN Management (CWENT) course is a necessity for understanding how to use CiscoWorks to manage small/medium/large Cisco-based LANs and WANs. CWENT combines lectures with extensive hands-on lab time in order to teach participants how to apply CiscoWorks applications in managing network configuration, faults, and performance. The course also teaches participants to manage and solve problems using the applications and tools bundled together in the LMS (LAN Management Solution) and RWAN (Routed WAN) management solution sets.

WIRELESS LAN

Course Name

Aironet Wireless LAN Fundamentals

Course Description

Course Code : AWLF
Course Length: 3 days

The Cisco Aironet Wireless LAN Fundamentals technical training class is targeted at technical sales and technical engineers who will be designing, selling and installing wireless LANs. This class will provide both instructor-led training and instructor-assisted hands-on lab experience. This class is designed to give participants knowledge of the Cisco Aironet wireless LAN product set and is a prerequisite for the Cisco Aironet Wireless Site Survey class.

WIRELESS LAN

Course Name

Cisco Aironet Wireless Site Survey

Course Description

Course Code : CAWSS
Course Length: 1 day

The Cisco Aironet Wireless Site Survey Class is aimed at technical individuals who will be required to perform site surveys for Wireless LAN solution implementations. Presentation material will explore WLAN applications in specific markets, WLAN topologies and design concerns, essential equipment, AP configuration, and site survey techniques. The class features instructor-led presentations and instructor-assisted hands-on lab experience, highlighting both manual and assisted site survey techniques.

Cisco Additional Certification Courses

WIRELESS LAN

Course Name

Aironet Wireless LAN Fundamentals & Cisco Aironet Wireless Site Survey

Course Code : AWFSS

Course Length: 4 days

Course Description

The Cisco Aironet Wireless LAN Fundamentals technical training class is designed for technical sales and technical engineers who will be designing, selling and installing wireless LANs. The class provides both instructor-led training and instructor-assisted hands-on lab experience. It is designed to give the participant knowledge of the Cisco Aironet wireless LAN product set and is a prerequisite for the Cisco Aironet Wireless Site Survey class.

The Cisco Aironet Wireless Site Survey Class is designed for technical individuals responsible for performing site surveys for Wireless LAN solution implementations. Presentation material will explore WLAN applications in specific markets, WLAN topologies and design concerns, essential equipment, AP configuration, and site survey techniques. The class will feature instructor-led presentations and instructor-assisted hands-on lab experiences highlighting both manual and assisted site survey techniques.

WIRELESS LAN

Course Name

Wireless LAN Solution Engine

Course Code : WLSE

Course Length: 2 days

Course Description

This course provides instructor-led training as well as nine hands-on labs. This course describes the features and the CiscoWorks Wireless LAN Solution Engine (WLSE) and provides instruction for using it.

CISCO STORAGE NETWORKS

Course Name

MDS 9000 Configuration and Troubleshooting

Course Code : MDSCT

Course Length: 5 days

Course Description

By building on a broad platform of basic storage technology, and on the features and benefits that the MDS 9000 family brings to the market, participants develop skills in installing and configuring new installations and in troubleshooting techniques for resolving problems in existing implementations.

Cisco Additional Certification Courses

CISCO STORAGE NETWORKS

Course Name

Cisco Advanced Storage Implementation and Troubleshooting

Course Code : CASI
Course Length: 3 days

Course Description

The CASI course focuses on advanced storage networking topics for the Cisco MDS family of switches, including building virtual SAN fabrics, building heterogeneous SAN fabrics, configuring management and security services, and advanced troubleshooting skills. A significant portion of the course will be devoted to troubleshooting.

CISCO STORAGE NETWORKS

Course Name

Cisco MDS Storage Networking Fundamentals

Course Code : CMSNF
Course Length: 2 days

Course Description

The Cisco MDS Storage Networking Fundamentals course is targeted at pre-sales engineers, and focuses on developing a good understanding of the architecture, features and value of Cisco MDS 9000 family products. At the end of the course participants will understand the positioning of each product as well as competitive differentiation. They will also be able to recommend Cisco Storage Networking products in various designs.

CISCO STORAGE NETWORKS

Course Name

Cisco Multiprotocol Storage Essentials

Course Code : CMSE
Course Length: 5 days

Course Description

The Cisco Multiprotocol Storage Essentials (CMSE) course will explain the protocols and procedures involved with designing, implementing and administering Multiprotocol Storage Area Networks. Sample topics covered in the course include how to configure FCIP and iSCSI on the MDS 9000 IPS module and how to position the FCIP PA in Cisco SAN solutions. The course will review the MDS 9000 Series switches and explain hardware and software troubleshooting for FCIP and iSCSI on the IPS module using CLI and GUI management tools. Hardware diagnostics, as well as how to configure, tune and troubleshoot FCIP tunnels configured on the FCIP PA, will also be covered in the course. This five-day course is recommended for anyone seeking certification as a Cisco Storage Networking Design Specialist (CSNDS) or as a Cisco Storage Networking Support Specialist (CSNSS).

Cisco Additional Certification Courses

CISCO STORAGE NETWORKS

Course Name

Cisco Storage Network Design Essentials

Course Description

Course Code : CSDE
Course Length: 2 days

The CSDE course provides participants with hands-on practice in determining business requirements for a SAN solution, identifying the relevant technical issues to be solved, developing options, and designing a viable, cost-effective SAN solution.

CISCO SECURITY

Course Name

Securing Hosts using Cisco Security Agent

Course Description

Course Code : HIPS
Course Length: 2 days

Securing Hosts Using Cisco Security Agent (HIPS) is a two-day, lab-intensive instructor-led course which develops the knowledge and skills to deploy, configure and administer the Cisco Security Agent product to protect server and workstation hosts. It takes a task-oriented approach using lectures and hands-on lab exercises to teach these skills. The Cisco Security Agent actually protects against intrusions, as compared to simply detecting attempted intrusions.

CISCO SECURITY

Course Name

Network Access Control

Course Description

Course Code : NAC
Course Length: 2 days

NAC is an add-on module to the SECUR course and teaches students the knowledge and skills relevant to NAC Phase 1.

Upon completion of this module, you will be able to install, configure, and troubleshoot the Cisco NAC phase 1 solution. This includes being able to:

- Describe the operational characteristics of NAC phase 1 and its components
- Configure Cisco Secure Access Control Server to support NAC
- Configure remediation servers to support NAC
- Configure Cisco routers to support NAC
- Install and configure NAC clients
- Configure NAC monitoring and reporting
- Troubleshoot NAC configuration errors and operational problems

Course Name

Implementing Cisco MPLS Traffic Engineering & Other Features

Course Description

Course Code : MPLST**Course Length**: 4 days

The Implementing Cisco MPLS Traffic Engineering and Other Features (MPLST) course is recommended training for individuals seeking advanced MPLS-based knowledge and skills. The course will enable participants to gather information from the technology basics to more updated features and functions such as Traffic Engineering, Carrier Supporting Carrier and Any Transport over MPLS (AToM). The focus of the course is on the technology issues of MPLS from the service provider's perspective and how to configure some of those features and functions in an existing routed environment.

Course Name

IPv6 Fundamentals

Course Description

Course Code : IPVSF**Course Length**: 2 days

IPv6 Fundamentals (IPVSF) is a two-day, instructor-led course that provides baseline technical information and training on IPv6, the next-generation Internet protocol. This course will help network engineers understand, configure, and support Cisco devices running IOS software. This course covers the fundamentals of IPv6; routing protocols such as RIPng, OSPF, BGP, and IS-IS; IPv6 transition mechanisms including tunnels, ISATAP, NAT-PT, and 6to4; and other features. IPVSF is a prerequisite to the IPVSD (IPv6 Design and Deployment) course.

Course Name

IPv6 Design & Deployment

Course Description

Course Code : IPVSD**Course Length**: 3 days

IPv6 Design and Deployment (IPVSD) is a three-day ILT course that reviews IPv6 and takes the student to the next level of designing and deploying IPv6 networks based on the current standards and practices. IPv6 is the new Internet Protocol specification and implementation that uses 128-bit addressing whereas IPv4 uses 32-bit. This presents many new areas of expertise for network designers and administrators to master. The IPVSD course has in-depth coverage of IPv6 design and deployment for DNS, DHCP, integrating IPv6 in an IPv4 network, Multicast, and much more.

Course Name

Implementing IPv6 Networks

Course Code : IPV6
Course Length: 3 days

Course Description

The Implementing IPv6 Networks (IPV6) course is a three-day instructor-led course that provides technical training to help network engineers with the implementation, configuration, and maintenance of IPv6 networks, using Cisco devices running Cisco IOS Software release 12.2T or later. This course covers routing protocols such as RIP, integrated IS-IS, BGP4+ and IPv6 deployment strategies – including overlay tunnels, 6PE, and NAT-PT, along with other IPv6 features supported in Phase 2 of the IPv6 development roadmap from Cisco.

The course provides network professionals – including SEs, Partners, and customers – with the knowledge and skills required to install, configure, and maintain Cisco network devices that support IPv6 features available in the Cisco IOS 12.2T release or later. The hands-on lab exercises in this course provide critical training that enable network professionals to install and configure IPv6 networks, and make the integration and coexistence of IPv6 and IPv4 networks successful.

Course Name

Gateway GPRS Support Node

Course Code : GGSN
Course Length: 4 days

Course Description

This course is part of the mobile wireless curriculum path and is typically delivered as part of the Cisco Mobile Exchange curriculum. The goal of the course is for participants to be able to install, configure, administer, and maintain a GGSN implementation for a mobile wireless operator.

Course Name

Packet Data Support Node

Course Code : PDSN
Course Length: 4 days

Course Description

This course is part of the mobile wireless curriculum path and is typically delivered as part of the Cisco Mobile Exchange curriculum. The goal of the course is for participants to be able to install, configure, administer and maintain a PDSN implementation for a mobile wireless operator.

Course Name

Gateway Gatekeeper

Course Code : GWGK**Course Length: 5 days**

Course Description

Gateway Gatekeeper (GWGK) is an ILT advanced course on implementing Cisco voice gateways and gatekeepers in an enterprise or service provider environment. Passing the associated GWGK exam is a requirement for the Cisco Certified Voice over IP Professional (CCVP) Certification. The goal of the course is to provide students with information and practical experience on installing, configuring, monitoring and troubleshooting Cisco voice gateways and gatekeepers in enterprise installations, in accordance with the recommendations of Cisco's Solution Reference Network Design (SRND) for IP telephony guides. Given a voice over IP design, the implementer will select an appropriate deployment model, correctly configure the gateways and gatekeepers (whether distributed or centralised), implement call plans, and decide how to implement the most commonly offered service provider or managed services applications, features, or implementation requirements.

Course Name

Wide Area File System

Course Code : WAFS**Course Length: 2 days**

Course Description

This course prepares the student for installing, configuring, and operating the Cisco Wide-Area File System.

Course Name

Cisco PSTN Gateway Call Control Product Training

Course Code : PGW**Course Length: 4 days**

Course Description

This course covers the provision, operation, maintenance and basic troubleshooting of Cisco PGW2200 in its Call Control mode of operation. Individual features covered include the PGW in the following roles: VoIP Packet Transit, H.323 Signaling Interface (HSI), PSTN-SIP gateway, MGCP-Dial termination and TDM-TDM hairpinning. Participants learn through hands-on experience in lab sessions and with step-by-step instructions, using VSPT to create a configuration that includes all the features mentioned above. It should be noted that this course does not include configuration deployment.

Course Name

Cisco IP Transfer Point

Course Code : ITP
Course Length: 5 days

Course Description

The Cisco IP Transfer Point (ITP) course focuses on configuring, monitoring and troubleshooting Cisco ITP products and features. It starts with a review of legacy SS7 and discusses SS7 over IP (SigTran). It then discusses how SS7 can be transported over an IP network through M2PA and how ITP can work with IP-based SS7 applications through M3UA and SUA. It also covers the use of Signaling Gateway Manager (SGM) to monitor and troubleshoot ITP.

Course Name

Implementing Broadband Aggregation on Cisco 10000 Series

Course Code : BBAGG
Course Length: 4 days

Course Description

The BBAGG course is intended for customer technicians and system integrators who need to implement various broadband aggregation technologies on Cisco routers. The course also enables Cisco System Engineers (SEs) to present and demonstrate various broadband aggregation technologies on Cisco routers for customers. Participants learn about RBE, PPPoA, PPPoE, and L2TP, and discover how to configure and verify operation of these technologies on Cisco routers. This course also explains the Cisco 10000 Series router hardware architecture and software features.

The course is instructor-led and includes hands-on lab exercises. Lecture topics are reinforced with supporting student exercises.

Course Name

Implementing Cisco Multicast

Course Code : MCAST
Course Length: 4 days

Course Description

The Implementing Cisco Multicast (MCAST) course provides students with an in-depth knowledge of the IP multicast building blocks that make this new IP service deployable and attractive from a business perspective. Bandwidth and processing power are wasted when data is replicated and sent from a source to potential receivers multiple times. With IP multicast and a sophisticated group of protocols, the information is delivered with minimal impact on bandwidth and processor load. This IP service ensures simultaneous information delivery only to the people and the machines that require the information.

Cisco Other Advanced Technology Courses

Course Name

MGX ATM Concentrator Configuration

Course Description

Course Code : **MACC**
Course Length: **5 days**

The MGX ATM Concentrator Configuration (MACC) course is a five-day, instructor-led programme that teaches participants how to set up and manage MGX concentrators attached to BPX or MGX 8850-PXM45 backbone networks. The course includes MGX 8230, 8250, and 8850-PXM1 switches, and has one lesson dedicated to the MGX 8220 concentrator and how it differs from the PXM1-based platforms.

Course Name

MGX ATM Edge Switch Configuration

Course Description

Course Code : **MAESC**
Course Length: **5 days**

This five-day, instructor-led course teaches participants how to set up a PNNI network that supports ATM and Layer-3 services on MGX 8830, 8850-PXM1E, 8850-PXM45, and 8950 switches.

Course Name

Multiband Switch and Service Configuration

Course Description

Course Code : **MSSC**
Course Length: **5 days**

The Multiband Switch and Service Configuration (MSSC) course covers IGX switch configuration, administration, and service creation. MSSC currently addresses software release 8.5, while new IGX switches are installed with release 9.2. In this version, IGX hardware and software changes introduced with software release 9.2 have been incorporated. In addition, the course now has a different lesson flow and 'texture' based on our experience delivering the current version.

Course Name

Cisco WAN Manager Installation and Operation

Course Description

Course Code : **CWMIO**
Course Length: **4 days**

The CWM Installation and Operation (CWMIO) course is a four-day, facilitator-led, lab-intensive programme. The course teaches participants the knowledge and skills needed to install, configure, operate, manage, and verify Cisco WAN switches using CWM application software.

Check Point Courses

Course Name

Check Point VPN-1/FireWall-1 Management I – NG

Course Code : Check Point I**Course Length: 2 days**

Course Description

This is an introductory course for Check Point's flagship product, VPN-1/FireWall-1 Next Generation (NG). The course covers the basic steps involved in configuring an Internet firewall and provides hands-on training in managing a FireWall-1 installation. In addition, new capabilities in the Next Generation version of VPN-1/FireWall-1 are highlighted.

Course Name

Check Point VPN-1/FireWall-1 Management II – NG

Course Code : Check Point II**Course Length: 3 days**

Course Description

This course offers advanced training on VPN-1/FireWall-1 Next Generation (NG) and delivers in-depth information on VPN and encryption technologies. In this course, participants will acquire the skills necessary to set up a site-to-site VPN and roll out a remote access VPN with either VPN-1 SecureClient or VPN-1 SecuRemote.

Course Name

Check Point VPN-1/FireWall-1 Management III – NG

Course Code : Check Point III**Course Length: 4 days**

Course Description

This course offers comprehensive training to enhance enterprise knowledge of VPN-1/FireWall-1 Next Generation (NG), addressing network planning, ClusterXL solutions, and troubleshooting procedures.

Foundry Courses

Course Name

Basic Switch Router Configuration and Management

Course Length: 3 days

Course Description

The course is a comprehensive study of layer 2 and layer 3 features of Foundry Networks' switches and routers. These features are common to the majority of Foundry's layer 2 and 3 devices. Participants learn to configure LAN, MAN, and WAN networks in lab based exercises. Upon completion of this course, participants will be able to select appropriate Foundry devices, and connect, configure, and troubleshoot them in LAN, MAN and WAN networks.

Course Name

Introduction to Web Switching & Load Balancing

Course Length: 2 days

Course Description

The course is a comprehensive study of the layer 4 through 7 features of Foundry Networks' ServerIron Products. Participants gain hands-on experience in the configuration of typical installations with the ServerIron product. Lecture topics are supported with real world labs involving: Source NAT, Direct Server Return, Active-Active Server Load Balancing, Firewall Load Balancing (FWLB), Global Server Load Balancing (GSLB).

Course Name

Advanced Switching / Routing Configuration and Management

Course Length: 5 days

Course Description

The course is an in-depth study of layer 2 and layer 3 features of Foundry Networks' switches and routers, including advanced technologies such as Spanning Tree, OSPF, and BGP. It covers network design, system configuration and troubleshooting using the Foundry switches and routers.

Course Name

IronView Network Management

Course Length: 3 days

Course Description

The course is an in-depth study of network management using IronView Network Manager as it relates to Foundry Networks' products. The course focuses mainly on the IronView product. It covers the theory of operations, configuration, troubleshooting and network analysis using Foundry's products. Upon completion of this course, participants will be able to install and configure IronView; configure Foundry devices; monitor a given network; and troubleshoot network problems using IronView as an analysis tool.



CORPORATE HEADQUARTERS**Singapore****Training Partners Pte Ltd**

135 Cecil Street
#12-00 LKN Building
Singapore 069536
Tel : (65) 6225 9188
Fax: (65) 6225 9288

sg@training-partners.com

REGIONAL HEADQUARTERS**Hong Kong****Training Partners Pte Ltd**

3/F City Plaza III
14 Taikoo Wan Road
Taikoo Shing, Hong Kong
Tel : (852) 2513 3322
Fax: (852) 2513 3387

hk@training-partners.com

CHINA**Beijing**

Tel : (86) 10 8525 1166 / 6588 0445
Fax: (86) 10 8525 1110

Shanghai

Tel : (86) 21 5298 6576 / 21 3222 0068-9
Fax: (86) 21 5298 6001

Guangzhou

Tel : (86) 20 8559 7922
Fax: (86) 20 8559 6245

Chengdu

Tel : (86) 28 8619 8296
Fax: (86) 28 8619 8794

cn@training-partners.com

INDIA**Bangalore**

Tel : (91) 80 2212 6148 / 6058
Fax: (91) 80 2212 6775

Chennai

Tel : (91) 44 2829 4468 / 4470
Fax: (91) 44 2829 3239

Cochin

Tel : (91) 484 235 6652 / 6677 / 6617
Fax: (91) 484 235 6057

Hyderabad

Tel : (91) 40 5566 7706
Fax: (91) 40 2340 8806

Kolkata

Tel : (91) 33 2282 0040 / 41
Fax: (91) 33 2865 0165 (PP)

Mumbai

Tel : (91) 22 2498 1212 / 2180
Fax: (91) 22 2497 1818

New Delhi

Tel : (91) 11 2693 6800
Fax: (91) 11 2693 6801

Pune

Tel : (91) 20 2553 9141
Fax: NA

Trivandrum

Tel : (91) 471 233 0495
Fax: NA

in@training-partners.com

INDONESIA

Tel : (62) 21 835 6422
Fax: (62) 21 835 6423

id@training-partners.com

JAPAN

Tel : (81) 3 3259 2220
Fax: (81) 3 3259 2320

jp@training-partners.com

KOREA

Tel : (82) 2 556 7327
Fax: (82) 2 556 7314

kr@training-partners.com

MALAYSIA

Tel : (603) 2166 7113
Fax: (603) 2166 7112

my@training-partners.com

NEW ZEALAND**Wellington**

Tel : (64) 4 470 1535
Fax: (64) 4 470 1666

Auckland

Tel : (64) 9 357 2579
Fax: (64) 9 356 5698

nz@training-partners.com

PHILIPPINES

Tel : (63) 2 750 6891
Fax: (63) 2 750 6890

ph@training-partners.com

TAIWAN

Tel : (886) 2 2747 7467
Fax: (886) 2 2748 3025

tw@training-partners.com

THAILAND

Tel : (66) 2 661 9555
Fax: (66) 2 661 9554

th@training-partners.com

VIETNAM**Hanoi**

Tel : (84) 4 943 5758
Fax: (84) 4 943 5730

Ho Chi Minh City

Tel : (84) 8 823 6749
Fax: (84) 8 825 7848

help@training-partners.com

www.training-partners.com



Member of the Dimension Data Group