Cisco Certified Network Professional Security [CCNP Security] Training

At

http://ccnpsecurity.tnlexperts.com/

http://www.tnlexperts.com/

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Cisco Certified Network Professional Security [CCNP Security] Training Details

CCNP Security certification program is aligned specifically to the job role of the Cisco Network Security Engineer responsible for Security in Routers, Switches, Networking devices and appliances, as well as choosing, deploying, supporting and troubleshooting Firewalls, VPNS, and IDS/IPS solutions for their networking environments.

Students preparing for CCNP Security [earlier know as CCSP] certification exam can opt for the exam papers mentioned in the table below.

CCNP Security Certification Track

CCNP Security prerequisites

- Valid CCNA Security Certification, or

- Valid CCSP Certification, or

- Valid CCNA Certification plus SND exam pass

Exams	Exam Code	Recommended Training	Exam Fee
Exam 1	642-637 SECURE v1.0	Secure v1.0 Securing Networks with Cisco Routers and Switches(SECURE)	$200
Exam 2	642-627 IPS v7.0	Implementing Cisco Intrusion Prevention System (IPS v7.0)	$200
Exam 3	642-618 FIREWALL v2.0	Deploying Cisco ASA Firewall Solutions (FIREWALL v2.0)	$200
Exam 4	642-648 VPN V2.0	Deploying Cisco ASA VPN Solutions (VPN v2.0)	$200

Training we offer:

Course Name	CCNP Security
Course Duration	2 weeks
Course Fee	Rs.5500* / $108* / £68* / NGN 16468*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	CCNA

* All prices subject to a 12.36% Service Tax Charges. Training fees mentioned in different

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CCNP Security Syllabus

Introduction to the Cisco ASA
- Technology and Features
- Appliance Family
- Cisco ASA and Cisco ASDM and the CLI
- Configure basic ASA settings and interfaces
- Configure Static Routing
- Configuring Basic Device Management Features
- Remote administration by both SSH and HTTPS/ASDM
- Prepare a persistent self-signed digital certificate for use for ASDM
- Configure authenticated NTP support and Syslog support
- Use different features to test the behavior of the ASA

Firewall Modes
- Transparent Firewall and Routed Firewall
- Security Contexts

Network Address Translation
- Deploying NAT
- Experiment with nat o and no nat-control
- Implement a temporary PAT configuration
- Configure dynamic NAT, NAT exemption, and static NAT
- Configure and monitor address translation
- ASA's translation and connection tables

Deploying Access Control Features
- Configuring Basic Access Control
- Using Cisco ASA Modular Policy

- Content Filtering (URL Filtering, Scripts Filtering)
- Syslog and Reporting

Deploying IPsec VPN Solutions
- IPsec Overview
- Site-to-Site IPsec VPNs
- IPsec remote access VPN (Cisco Easy VPN Solutions)
- VPN AAA
- Modify the NAT configuration to tunnel requirements
- Monitor tunnel status from the CLI, ASDM, and syslog
- Cisco VPN Client and remote access connections
- Access via split tunneling or hairpinning
- Allowing hub and spoke access from VPN clients to site-to-site VPN peers

AAA for Remote Access VPN with RADIUS
- Configure RADIUS between the ASA and ACS
- Configure ACS to use Active Directory
- Configure policy options on ASA via ACS and RADIUS
- User Based Policies

SSL VPN (Any Connect and Clientless)
- Configure ASA and client for AnyConnect connectivity
- Enroll with Services to obtain an SSL certificate
- Clientless SSL VPN: Advanced Access
- Advanced Application Access
- Advanced Authentication and

Framework
- Object groups, the packet tracer & ICMP inspection
- Tuning Basic Stateful Inspection Features
- Debug commands

Protocol Inspection
- Application layer inspection
- Inspect Layer 3 and Layer 4 packet headers
- Control traffic based on information received

SSO
- Customizing the Clientless SSL VPN Portal
- Three thin client options: port forwarding, smart tunnels & SSL VPN plug-ins

Failover
- Active/Active
- Active/Standby
- Configure two ASAs for Active/Standby failover
- Failover System Rollback

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About Technology & Learning Experts

We, **Technology & Learning Experts Team**, have over years of experience and expertise in training people on different training/certification programs in the IT industry. We believe in bringing the best and the latest in the technology, simplify it and make it available to the students globally. We also provide online classes (globally) for students, employees who find very little time from their daily schedule to travel down to our study center.

Whether you're a professional, seeking greater challenges or a student embarking on an exciting new technology, **Technology & Learning Experts (T&L)** have different learning options & opportunities for you. The Team is committed to help you grow both in personal and professional development. The learning environment is outstanding! The Team is so passionate about their work; so much so that, it becomes difficult to distinguish study from fun.

We strongly believe in training our students, to be able to lead an Expert team and not just be the part of it. And we are proud that we own a very strong and experienced team of faculties, who have a very strong Security background and are working on real-time Security projects, who always share their experience with the students in the study sessions, both theoretically and practically.

"Just like an artist can carve a statue out of a rock, we can carve an expert out of you"

Training/Certification Courses that we offer

Microsoft Certified IT Professional (MCITP) [includes Exchange Server]

Course Name	**MCITP & Exchange Server**
Course Duration	5 weeks
Course Fee	Rs.5500* / $108* / £68* / NGN 16468*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	Interest to Learn
See Syllabus	http://mcitp.tnlexperts.com/

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Red Hat Certified Engineer (RHCE)

Course Name	RHCE
Course Duration	4 weeks
Course Fee	Rs.5500* / $108* / £68* / NGN 16468*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	Interest to Learn
See Syllabus	http://rhce.tnlexperts.com/

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Cisco Certified Network Associate (CCNA)

Course Name	CCNA (ICND1 & ICND2)
Course Duration	2 weeks
Course Fee	Rs.4500* / $88* / £56* / NGN 13474*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	Interest to Learn
See Syllabus	http://ccna.tnlexperts.com/

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Cisco Certified Network Associate (CCNA) Security

Course Name	CCNA Security (IINS)
Course Duration	2 weeks
Course Fee	Rs.4500* / $88* / £56* / NGN 13474*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	CCNA

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See Syllabus	http://ccnasecurity.tnlexperts.com/

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Cisco Certified Network Professional - Security (CCNP Security)(earlier CCSP)

Course Name	CCNP Security
Course Duration	2 weeks
Course Fee	Rs.5500* / $108* / £68* / NGN 16468*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	CCNA
See Syllabus	http://ccnpsecurity.tnlexperts.com/

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Ethical Hacking & Network Security (EHNS)

Course Name	Ethical Hacking + Firewalls + IPS + UTM + Content Security
Course Duration	6 weeks
Course Fee	Rs.14490* / $283* / £180* / NGN 43387*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	MCITP, RHEL & CCNA
See Syllabus	http://eh.tnlexperts.com/

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currencies (other than in INR) are subject to change as per Foreign Exchange rates.

Vulnerability Assessment / Penetration Testing

Course Name	Vulnerability Assessment
Course Duration	1 week
Course Fee	Rs.3000* / $59* / £37* / NGN 8983*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	MCITP, RHEL & CCNA
See Syllabus	http://tnlexperts.com/vulnerability_assessment.php

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Firewall, IPS & UTM

Course Name	Firewall, IPS & UTM
Course Duration	2 weeks
Course Fee	Rs.3000* / $59* / £37* / NGN 8983*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	CCNA
See Syllabus	http://tnlexperts.com/fw_ips_utm.php

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VMware Certified Professional (VCP)

Course Name	VCP
Course Duration	3 weeks
Course Fee	Rs.8000* / $156* / £99* / NGN 23954*
Course Mode	**Training Academy** or **On-site Training** or **E-Learning**
Prerequisite	MCITP, RHEL & CCNA
See Syllabus	http://vmware.tnlexperts.com/

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Special Offers and Discounts

FREE CCNA*

Yes!!! You just heard it right, we are offering **<u>FREE CCNA</u>**[*]. But wait, there is something more to mention.

We are offering <u>FREE CCNA</u>* to the students, employees or individuals who come as a group and join Ethical Hacking and Network Security [EHNS] program.

The main idea is, if you want to learn **CCNA + Ethical Hacking and Network Security [EHNS]** then you do not need to pay for both of them. Instead you can opt for <u>FREE CCNA*</u> Offer and you will have to pay only for **EHNS** program while you get <u>CCNA*</u> classes absolutely FREE!!

* For <u>FREE CCNA</u> Offer, the following conditions have to be met:

- You get **FREE CCNA** classes only when you are opting for Ethical Hacking and Network Security [EHNS] program.
- This Offer will be given to students, employees or individuals who come as a group. Minimum 5 people in a group.
- This offer is applicable for the group of students, employees or individuals at the time of enrollment/registration and is non-transferable, non-refundable.
- This offer may be changed, cancelled or updated without prior notice and shall not affect the students currently under this program.

[All prices subject to a 12.36% Service Tax Charges. Training fees mentioned in Indian Rupees is subject to change as per Foreign Exchange rates]

FREE ETHICAL HACKING*

Doesn't it seem like a dream come true??

Follow just two simple steps mentioned below, to be eligible for **FREE ETHICAL HACKING**[*] Program.
- Enroll / Register your details for the program.
- Write a simple Scholarship test and qualify.

<u>Conditions for Scholarship Test are as below:</u>

- Once you enroll/register yourself for the Scholarship test, a Reference number will be provided to you.
- The enrollment/registration fee will be Rs.100/-. Non-refundable, non-transferable.
- The Scholarship test date and time will be informed to you on email/phone [probably on Sunday to ensure no disturbance to your weekly activities]

- Only if you <u>qualify and score above 90%</u> in the Scholarship test, you shall be entitled for FREE ETHICAL HACKING CLASSES
- And if you <u>qualify and score between 85% - 90%</u> in the Scholarship test, you shall be entitled for 50% discount on the total fee for ETHICAL HACKING CLASSES
- And if you <u>qualify and score between 80% - 85%</u> in the Scholarship test, you shall be entitled for 40% discount on the total fee for ETHICAL HACKING CLASSES
- And if you <u>qualify and score between 50% - 80%</u> in the Scholarship test, you shall be entitled for 10% discount on the total fee for ETHICAL HACKING CLASSES
- This offer may be changed, cancelled or updated without prior notice and shall not affect the students already enrolled under this program.
- In case of any dispute, the decision of the management will be final.

<u>SPECIAL PACKAGE</u>

It is a pleasure to announce that, all those who are willing to start their career in the Networking and Security Industry, and also those who are already working in this profession but want to take their career to the next level, we have come up with a special package bundled with all the courses, that will teach you all the required technologies not only to survive in the Networking and Security Industry but will surely help you excel in your daily task.

This Special Offer package will include the following training programs:

- Hardware and Network+
- Microsoft Certified IT Professional [MCITP], Networking and Administration
- Microsoft Exchange Server
- Red Hat Enterprise Linux Training program [RHEL]
- Cisco Certified Network Associate program [CCNA]

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Services that we offer

Seminar at your college [anywhere in India]

Just like you do not like to eat rotten food, we are sure you will not be interested to invite someone to conduct the same and repetitive topics for the Seminars and Workshops. Hence, we bring customized topics and always try and include the latest technology terms and help students/staff understand the concepts practically!!!

For the Colleges/Universities that want to encourage their students learn and implement their academic syllabi, and also look forward to train their staff to upgrade their skills can now invite us and conduct Practical oriented Seminars and Workshops at your premises.

Colleges/Universities/Student communities that conduct Events/Fests/Tech Events can invite us to conduct Practical oriented Seminars and Workshops.

For more details, find the contact of the concerned assistance on the Contact Us page of this document, and our team shall ensure to assist you and guide you as per your needs and requirements.

Training / Certification courses at your Premises

Through our experience and feedbacks from our previous students, we learnt that it is not really possible for most of the students to travel down to our Training Academy regularly and attend the training sessions.

So, to make life simple, we accept invitations and conduct training at your college premises. We shall bring in our own devices and setup the lab at your premises so that you don't miss all the fun of learning and implementing things practically that you learn in the training sessions.

For more details, find the contact of the concerned assistance on the Contact Us page of this document, and our team shall ensure to assist you and guide you as per your needs and requirements.

Corporate Training

Lets say you order for an Extra Cheese Pizza and you are forcefully being fed with sandwich. For sure none would like it.

Similarly, when you want your staff/employees/technical team to be trained with skills, so that they can efficiently handle the daily tasks, troubleshoot problems and errors and generate efficient and useful reports on daily basis in a Corporate Network, you have to opt for the right team who can train your staff/employees exactly and thoroughly for your requirement.

We, at Technology and Learning Experts, do not use the same repetitive content to train students/staff irrespective of your requirement. When we are invited by a Corporate Client, we make sure to first understand the nature of work that the client network does and then accordingly design the training program that suits and best and meets the nature of the work and that will bring different productivity tips and topics for our different clients.

For more details, find the contact of the concerned assistance on the Contact Us page of this document, and our team shall ensure to assist you and guide you as per your needs and requirements.

Firewall, IPS & UTM

Network security technologies protect your network against the theft and misuse of confidential business information and guards against malicious attacks from Internet-borne viruses, worms or hacker attacks. Without network security in place, your company risks unauthorized intrusions, network downtime, service disruption, regulatory noncompliance and even legal action.

Network security does not rely on one method, but uses a set of barriers that defend your business in different ways. Even if one solution fails, others still stand, guarding your company and its data from a wide variety of network attacks. A strong security stance assures customers that sensitive information and confidential business details, will not be accessed and exploited.

An effective network security perimeter can boost productivity across your organization. Employees spend less time on non-productive tasks such as sifting through spam or dealing with viruses.

Keeping in mind the needs for today's business with the right security technologies, we choose best of the security devices and technologies available through different vendors and then custom design the security perimeter of your organization. We bundle up devices like Firewall and IPS or UTM, that will enhance the security of your data and network even from the most advanced and sophisticated attacks from hackers and intruders, both internally and externally.

Vulnerability Assessment / Penetration Testing

Attackers are constantly attempting to break inside your network. These attackers are financially motivated, well equipped and highly sophisticated. Your competition could be these attacks, aiming to get your trade secrets. Cyber criminals could be behind these attacks, looking to compromise your customer's personal and financial information.

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The Traditional Penetration Testing assignments just scan for the obvious attack vectors. Scanning the network range for open ports, enumerating the services, checking for vulnerabilities, testing firewall configurations, testing IDS/IPS are at core of these assignments. Even worse, when these scans are done by completely automated tools, the actual loopholes do not stand out. These types of Penetration Tests, at best, only prevent the mass-attackers, who are using automated tools to scan the range of IP's world-wide, and attacking vulnerable hosts. Trusting the Traditional Penetration Tests to prevent your business from targeted attacks is the biggest mistake you will ever do.

Our Penetration Testing Methodology

Every Penetration Test is carried out like a real-world attack. The attackers don't stop themselves from exploiting the end-users, why should we? The attackers leverage a simple XSS to serve malware to unsuspecting victims, so would we. Comprehensively, the following are a few attacks that will be tested on your network.

- External Network Scanning
- Phishing
- Client Side Exploits
- Dropping undetectable backdoors
- Leveraging XSS
- Leveraging SQLi
- Social Network Exploitation
- Network Pivoting Scope
- Zero-day Attacks
- Physical Security Checks
- Impersonation

..and more attack vectors, to assess the security of your critical data.

Our Penetration testing Team will use comprehensive penetration testing methodology and ensure to perform these attacks with utmost sophistication, to ensure no loophole is left behind and generate a detailed report of the vulnerabilities and help you patch those vulnerabilities to protect you from advanced attacks.

Anti-spam & Anti-phishing

To prevent e-mail spam (aka unsolicited bulk email) and phishing attacks, both end users and administrators of e-mail systems use various anti-spam techniques. Some of these techniques have been embedded in products, services and software to ease the burden on users and administrators. No one technique is a complete solution to the spam problem, and each has trade-offs between incorrectly rejecting legitimate e-mail vs. not rejecting all spam, and the associated costs in time and effort.

Anti-spam techniques can be broken into four broad categories: those that require actions by individuals, those that can be automated by e-mail administrators, those that can be automated by e-mail senders and those employed by researchers and law enforcement officials.

We provide Anti-Spam and Anti-Phishing services by implementing multiple solutions bundled to ensure that our strategy never fails.

We use the following checks and filter out spam and phishing emails.

- Checking words: false positives
- Lists of sites
- Discretion
- Address munging
- Avoid responding to spam
- Contact forms
- Disable HTML in e-mail
- Disposable e-mail addresses
- Ham passwords
- Reporting spam
- Authentication and reputation
- Challenge/response systems
- Checksum-based filtering
- Country-based filtering
- DNS-based blacklists
- Enforcing RFC standards
- Greeting delay
- Greylisting
- HELO/EHLO checking
- Invalid pipelining
- Nolisting
- Quit detection
- Honeypots
- Hybrid filtering
- Outbound spam protection
- Pattern detection
- PTR/reverse DNS checks
- Rule-based filtering
- Sender-supported whitelists and tags
- SMTP callback verification
- SMTP proxy
- Spamtrapping
- Statistical content filtering
- Tarpits
- Limit e-mail backscatter
- Rate limiting

Virtualization

Virtualization lets you run multiple virtual machines on a single physical machine, with each virtual machine sharing the resources of that one physical computer across multiple environments. Different virtual machines can run different operating systems and multiple applications on the same physical computer.

In case of server consolidation, many small physical servers are replaced by one larger physical server, to increase the utilization of costly hardware resources. Although hardware is consolidated, typically OS is not. Instead, each OS running on a physical server becomes converted to a distinct OS running inside a virtual machine. The large server can "host"

many such "guest" virtual machines. This is known as Physical-to-Virtual (P2V) transformation.

Virtualization Improve the efficiency and availability of IT resources and applications through virtualization. Start by eliminating the old "one server, one application" model and run multiple virtual machines on each physical machine. It frees IT Administrators from spending so much time managing servers rather than innovating.

VMware, Inc. is a provider of virtualization software. VMware's desktop software runs on Microsoft Windows, Linux, and Mac OS X. VMware's enterprise, VMware ESX Server, runs directly on server hardware without requiring an additional underlying operating system. VMware software provides a completely virtualized set of hardware to the guest operating system.

We have an expert team, who can design, configure and implement the Virtualized Servers at your premises and also ensure accessibility and availability along with proper security.

Contact Us

Our registered office and Training Academy at ASIA (India):

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Gillco Valley, Mohali
Chandigarh - 140301 [India]
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E-mail : info@tnlexperts.com

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2.	African Students can call	Mr. Osuji Alberto	(+234) 803-725-7819 (+234) 802-274-7655	osuji.alberto@tnlexperts.com
3.	Workshop on Ethical Hacking	Mr. Neeraj Kumar	(+91) 985-588-2020	neeraj@tnlexperts.com
4.	Guest Lectures / Seminars / Sponsorship			
5.	Corporate Training			
6.	Business Collaboration / Tie-ups			

We are on :

Facebook   : http://www.facebook.com/tnlexperts

Google+   : http://goo.gl/JWqUd

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