



# DIS10.4 ADVANCED NETWORK SECURITY



# ABOUT DIS

## Why choose Us.

Data and internet security council is the worlds top most information security certification body. Our uniquely designed course for information security enables enables candidate to master skills on ethical hacking, cyber forensics, power shell, licensed forensics expert and many more.

## Our Mission.

Our Ethical Hacking Certification programs are the best premium certification of all time. It has quality content which is been prepared over year by regularly updating the courseware. DIS is committed to latest ethical hacking techniques, latest exploits, programs to its students and clients.

## What we Do.

Ethical Hacking course provides the in depth knowledge of the Security concepts on various best tool sets, techniques, exploits and explains how an ethical hacker can be beneficial to the company. Courseware of DIS is been designed by world top ethical hackers and Cyber Security Consultants.

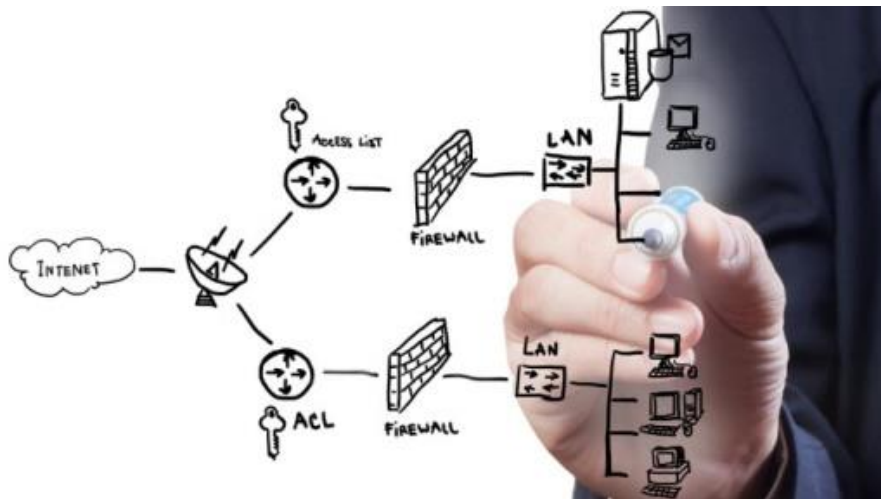


# COURSE DESCRIPTION

DIS10.4 : In-depth Advanced Networking focuses on in-depth skill required for understanding networks. It focuses on briefly understanding the working of various kinds of **TCP IP, OSI layers, Various Protocols like BGP, EIGRP, RIP, OSPF** and many more. This Course helps you to understand more about Advanced networking Technologies used in the Industry.

After attaining the Given Certification (DIS10.4 : In-depth Advanced Networking Certification) students will be able to know more about routers and switches and also they will be having deep knowledge of the computer networking topics. After attaining the given certification candidate gains self confidence do Networking related work,

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# COURSE CONTENT

- In this course you will learn the basic operation of protocols in OSI Layers and TCP/IP models and determining the data flow among two different hosts or nodes within a network or in external networks.
- Installing, configuring and trouble shooting basic networking hardware i.e. Routers (1841, 2611XM, 2801, 2811), Switches (2950, 2960, 3550, 3750 series). Concepts like IOS installation, password recovery, Password Cracking and various Levels in Cisco Technology.
- Understanding, configuring and troubleshooting basic concepts of layer 2 switching and predicting the data flow from one end to other end.
- Understanding, configuring and troubleshooting STP, VLANs, CAM, and Ether channels.
- Understanding, configuring and troubleshooting layer 3 addressing routing protocols for IPV4 and IPV6 (subnetting).
- Understanding, configuring and troubleshooting routing protocols for IPV4 and IPV6. Topics like OSPF (single and multi-area) and EIGRP (load balancing, equal and unequal) are covered.
- Introduction to WAN: Getting familiar with WAN protocol and devices. Understanding, configuring and troubleshooting layer 3 protocols like Frame relay, HDLC, PPP, NAT, etc
- Introduction to MPLS.
- Understanding IP services like DHCP, SNMP, Netflow, FHRP, and NTP.
- Understanding, configuring and troubleshooting layer 2 security, layer 3 security that is ACL (standard, extended, named) , SSH and Secret password.

# WHO CAN ATTEND

- Students/Individuals
- College going Students
- Industry Expert
- Network Specialist
- Army/Navy Officials
- Intelligence Agencies
- College Faculties
- Government and Corporate IT Managers
- CEO/CTO and Higher Management Personals.
- Security Tester who need to find network based vulnerabilities and remediate them.
- Penetration Testers
- Ethical Hackers
- RED OR BLUE team Members
- Computer geeks who wants deep knowledge about ethical hacking

# WHAT WILL YOU GET

- ALL Virtual Machines and Virtual Environment for Students who attend trainings.
- DVD with tools , Videos , Practice Tests , Virtual Labs.
- Audio and Video Tutorials which will help in doing practical sessions at your study desk also.
- Written Test Voucher Code
- Online Test Voucher Code



# EXAM DETAILS

- Training Mode- Offensive/Defensive
- Course Duration- 60-80 Hours(Instructor Led Training) 2 Hours /8 Hours /4 Hours Per Day
- Exam Code - DIS10.4
- Exam Duration- 4 Hours (Written)
- Exam Duration- 8 Hours (Lab Challenge)
- Exam Fee - 300 USD (Written + Lab Challenge)
- Credits- 25 Credits (Towards DIS10:Diploma in Information Security)



## Summer Internship Training 2018

- Understanding Forensics Investigations
- Digital evidence Gathering using various tools
- Hard disk Forensics and Imaging
- Computer Forensics using FTK/OXYGEN/Cellebrite Tool
- TCP Analysis Using Wireshark. Recovering Hard Disk Partitons,Files, Folders. Encase Forensics: For file,folder,stenography,partition recovery etc.
- Filesystem Analysis: Linux/windows/mac
- Tracing email /Email Header Reading/Spoof Email Detection
- Network and Wireless Attack Detection
- Web Applications Attack Forensics via Log Analysis Techniques





## **What is Networking?**

Computer Networking is a process of bringing various online systems in a organized manner in which they can communicate with proper and reliable manner. Networking helps us to transfer data between host and the client System.

## **What I will learn in this In-depth Advanced Networking Certification?**

In this Certification Exam you will learn about routers and switches , how to configure them , using various Protocols, how to router traffic, how packet switch from one network to other or one router to other router.

## **Who will teach this Course?**

This course is taught to you by industry professionals and is designed by industry well known security consultants from round the world. Course is been taught by well experienced DIS Certified Trainers only.

## **How it's different from other certifications Vendors in market?**

This course is completely practical based approach it is not just slide based trainings or big huge books based. This is completely a new practical full time approach for people who wants to get into Networking domain. This is the most advanced Networking certification trainings in the world.

# OUR CORPORATE PARTNERS



Microsoft  
Partner Network



CISCO  
Cisco Select Certified Partner



IT Kanpur presents  
**TECHKRITI** '14  
Virtually Progressing World  
6<sup>th</sup>-9<sup>th</sup> March



جامعہ ملیہ اسلامیہ  
جامیہ میللیا ڈرہلامیہ

Jamia Millia Islamia  
A Central University



AMITY  
UNIVERSITY  
GURGAON



Ministry of Corporate Affairs  
Government of India



جامعہ ملیہ اسلامیہ  
جامیہ میللیا ڈرہلامیہ

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Computer Networking is not just connecting two nodes. Computer networking is way of making two system speak with each other according your given sets of instructions.

DIS Consultants(Content Contributor)

**Mr Varun Pathak**

DIS Content Contributor

Network Specialist

# HOW DO I PAY FOR THIS COURSE?



**NEFT/RTGS/ Cash/Cheque/Demand Draft Deposit to:**

**Acc. Name : "Bytecode Cyber Security Pvt Ltd"**

**Account No : 003705018009**

**Branch : Preet Vihar, Delhi**

**IFSC Code : ICIC0000037**

**Swift Code : BRAJINBBDSE**

## DIS10.5 Web Application Vulnerability DWAV20

### LEARNING PATH



# CONTACT US

## BYTECODE CYBER SECURITY PVT. LTD

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THANK YOU