

البرنامج الدولي (دورة اون لاين لايف)

مقدمة

هل تبحث عن أفضل كورسات شبكات تؤهلك لدخول مجال تكنولوجيا المعلومات بقوة؟
دورة نتوركات تمنحك كل ما تحتاجه لتبدأ من الصفر حتى الاحتراف، بما في ذلك دورة CCNA، إدارة السيرفرات، وتصميم الشبكات، مع تدريب عملي يؤهلك لاجتياز الامتحانات الدولية والحصول على شهادة شبكات معتمدة.
سجل الآن وابدأ مسارك المهني بثقة وكفاءة!

مميزاته

- ★ تغطية شاملة لأهم الكورسات الأساسية في مجال الشبكات مثل: CCNA، Network Design، Server Administration.
- ★ تأهيلك لاجتياز الامتحانات الدولية المعتمدة والحصول على شهادات عالمية معترف بها.
- ★ محتوى عملي وتطبيقي بنسبة كبيرة لتحصيلي على خبرة واقعية تمكّنك من الدخول لسوق العمل بثقة.
- ★ شرح مبسّط باللغة العربية مع أمثلة حقيقية، مناسب للمبتدئين والمحترفين.
- ★ تحديثات مستمرة للمحتوى طبقاً لآخر المعايير العالمية في تكنولوجيا المعلومات.
- ★ إمكانية التعلّم عن بُعد من أي مكان وفي أي وقت، مع دعم فني ومجتمعي طوال مدة الدراسة.
- ★ مشاريع وتدريبات عملية تُعزز الفهم وتُظهر مستواك الحقيقي لأصحاب العمل.
- ★ فرص للحصول على استشارات مهنية وتوجيه وظيفي بعد الانتهاء من الدورة.
- ★ سعر مميز مقارنةً بالمحتوى القوي والخبرة المقدمة.

البرنامج بندرس فيه ٩ كورسات و هم :

- CCNA
- CCNP Encor
- MCSA core
- Redhat admin 1&2
- Microsoft Azure az900
- Microsoft Azure az104
- Fortigate NSE 4 administrator
- Fortigate FortiAnalyzer
- cyber security

الامتحان الدولي

الدورة التدريبية الخاصة بالبرنامج الدولي مصممة لتأهيلك بشكل كامل لاجتياز مجموعة من الشهادات الدولية المعتمدة من كبرى شركات التقنية في العالم. من خلال هذه الدورة معانا في نتوركات، هتكون مستعد تمتحن الامتحانات الرسمية التالية:

- Cisco CCNP ENCOR 350-401
- Fortinet NSE4 – Fortigate administrator
- Fortinet NSE4 – Forti analyst
- (Microsoft Azure Fundamentals (AZ-900
- (Microsoft Azure Administrator (AZ-104

الامتحانات دي معتمدة ومقدمة رسمياً من الشركات نفسها (Cisco – Fortinet – Microsoft)، وبنديك شهادات دولية معترف بيها عالمياً بعد اجتياز الامتحان الدولي الخاص بها.

يتم التقديم على الامتحانات الدولية بعد الانتهاء من الدورة، وبيكون معاك كل المهارات والمعرفة اللي تؤهلك للنجاح.

لماذا تختار البرنامج الدولي مع نتوركات؟

- تدريب شامل يبدأ من الأساسيات حتى الاحتراف، يشمل CCNA، تصميم الشبكات، إدارة السيرفرات، وأساسيات الأمن السيبراني.

- تأهيل كامل لاجتياز الشهادات الدولية المعتمدة مثل:

○ Cisco CCNP ENCOR 350-401

○ (Fortinet NSE4 (Administrator & Analyst

○ (Microsoft Azure (AZ-900, AZ-104

- محاضرات مباشرة عبر الإنترنت (Live Online) باللغة العربية مع شرح مبسط وأمثلة واقعية.
- يضم 9 كورسات متكاملة تغطي أهم المسارات: CCNA، CCNP، MCSA، Redhat، Microsoft Azure، Fortigate، Cyber Security.

- محتوى عملي وتطبيقي بنسبة كبيرة مع مشاريع وتدريبات تعكس بيئة العمل الحقيقية.

- إمكانية التعلم عن بُعد من أي مكان مع دعم فني مستمر طوال فترة الدورة.

- استشارات مهنية وتوجيه وظيفي بعد انتهاء البرنامج لزيادة فرصك في سوق العمل.

- تكلفة مناسبة مقارنة بالمحتوى القوي والخبرة المقدمة.

CCNA (20 hours)

CCNA 200-301

Cisco Certified Network Associate

Networking fundamentals

- Network Types
- How to LAN
- Cabling and cables types
- Network basic devices (routers ,switches and servers)
- NGFW and NGIPS
- IP addressing and VLSM
- OSI and TCP models
- Connecting cisco devices for first time
- Basic commands
- Telnet and SSH

Hierarchical design and spanning tree

- STP and Rapid STP
- Portfast
- Cisco switch port states
- Mac address learning
- VLAN
- SVI switch virtual interface
- Etherchannel
- Port security
- BPDU guard
- Multilayer switch (layer3 switch)
- Inter vlan routing
- Discovery protocol (CDP – LLDP)

New technology concepts

- (DNA – SOHO – virtualization – WLC - cloud)
- Topology architecture and Data Center

IP routing

- (static – default – floating - net routes- dynamic- OSPF v2 single area)
- IPv6

Infrastructure

- DHCP (snooping – relay agent- DAI)
- DNS Domain Name System
- Access-list (standard –extended- named)
- NAT Network Address Translation

WLAN and wireless

- WLAN architecture
- WLAN components
- WLC configuration
- Wireless management access

Security

- Security fundamentals and Key security concepts
- Password security
- AAA
- ACL Access control list
- VPN

Management

- Advanced SSH
- FHRP
- SNMP
- SYSLOG
- FTP and TFTP
- NTP

New technology

- Automation and programmability
- SDN architecture
- REST and based API
- PHB for QOS
- API concepts
- Management utility
- JSON encoded data

CCNP ENCOR 350-401: (40 Hours)

1. Architecture (بنية الشبكات)

- (Campus, WAN, Data Center, Cloud, Wireless)
- (Hierarchical Network Design)
- SDN and Cisco DNA
- Control Plane vs Data Plane

2. Virtualization (الافتراضية)

- Virtual Machines و Hypervisors
- Cisco Virtual Switching (vSwitch, vRouter)
- Virtual Routing and Forwarding (VRF)
- Cisco StackWise Virtual
- VXLAN

3. Infrastructure (البنية التحتية)

- OSPF, EIGRP, BGP (أساسيات فقط)
- VLANs, Trunking, EtherChannel
- STP, RSTP, MST
- Routing Concepts (Static & Dynamic)
- First Hop Redundancy Protocols (HSRP, VRRP, GLBP)
- Multicast Basics

4. Network Assurance (ضمان الشبكة)

- SNMP (v2/v3)
- Syslog
- NetFlow
- SPAN and RSPAN
- أدوات تحليل الأداء (ping, traceroute, debugs)
- Cisco DNA Center Assurance

5. Security (الأمن الشبكي)

- Device Hardening
- AAA (Authentication, Authorization, Accounting)
- 802.1X و MAB
- Port Security
- ACLs (Access Control Lists)
- Control Plane Policing

6. Automation and Programmability (الأتمتة والبرمجة)

- REST APIs
- JSON, XML
- Python Basics
- Cisco DNA Center APIs
- Network Configuration Protocols: NETCONF, RESTCONF

Course Mcsa core (25 Hours)

Server management

- Introductions to Microsoft servers
- Installing windows server 2016
- Installing and implementing active directory
- User accounts
- Storage (basic –dynamic-DAS-NAS-SAN-ISCSI)
- Sharing and NTFS permissions
- File server (De-duplication-DFS)
- Disk quote – Shadow copy-FSRM
- DHCP
- DHCP ipv6
- DNS
- Routing in Microsoft servers
- How to enable routing between servers (RRAS) and
- Managing environment using Group Policy
- Explain what Group Policy is.
- Implement and administer GPOs.
- Describe Group Policy scope and Group Policy processing.
- Troubleshoot GPO application.
- Connecting branches using windows servers(RRAS)
- Servers backup

- WSUS
- WDS (MDT)
- Hyper V

Redhat admin 1&2 (40 Hours)

RH124 – Red Hat System Administration I

RH134 – Red Hat System Administration II

RHCSA (Red Hat Certified System Administrator).

RH124 – Red Hat System Administration I

Red Hat باستخدام Linux يركز على الأساسيات الخاصة بإدارة أنظمة

أهم المواضيع

- Introduction to the command line
- Managing files from the command line
- Getting help in Red Hat systems
- Creating, viewing, and editing text files
- Managing local users and groups
- Controlling access to files with Linux file permissions
- Monitoring and managing Linux processes
- Controlling services and the boot process
- Managing software (YUM/DNF)
- Connecting to networks and managing network settings
- Archiving and transferring files (tar, rsync, scp)
- Installing Red Hat Enterprise Linux using Anaconda

RH134 – Red Hat System Administration II

RH124. يركز على المهام الإدارية المتقدمة ويكمل

أهم المواضيع:

- Automating administration with shell scripts and cron
- Managing storage: partitions, LVM, file systems
- Accessing network file systems (NFS, SMB)
- Managing SELinux
- Managing firewalls with firewalld
- Troubleshooting boot issues
- Kernel management
- Managing networking and host-based name resolution
- Creating and managing containers using Podman
- Reviewing system logs and journal

AZ-900 Course Content (Microsoft Azure Fundamentals) (12 hours)

1. Cloud Concepts

- Benefits of Cloud Computing: High availability, scalability, agility, disaster recovery, etc.
- Types of Cloud Models: Public, Private, Hybrid
- Types of Cloud Services: IaaS, PaaS, SaaS

2. Core Azure Services

- Core Azure architectural
- Components: Regions, Availability Zones, Resource Groups
- Core resources: Virtual Machines, App Services, Azure Functions, Containers
- Azure Resource Manager (ARM) and Azure Marketplace

3. Core Solutions and Management Tools on Azure

- IoT solutions: IoT Hub, IoT Central
- Big Data and AI: Azure Synapse Analytics, Machine Learning, Cognitive Services
- Azure management tools: Azure Portal, Azure CLI, PowerShell, Cloud Shell, ARM templates

4. General Security and Network Security Features

- Azure Security Center, Azure Defender, Key Vault
- Network security tools: NSGs, Azure Firewall, DDoS Protection

- Identity services: Azure AD, Multi-factor Authentication (MFA), Role-Based Access Control (RBAC)

5. Identity, Governance, Privacy, and Compliance Features (20–25%)

- Azure AD roles and governance
- Policies, Blueprints, and Resource Locks
- Microsoft Privacy Statement, Trust Center, Service Trust Portal
- Compliance terms and requirements (e.g., GDPR, ISO, NIST)

AZ-104: Microsoft Azure Administrator (20 hours)

AZ-104 Course Content (Microsoft Azure Administrator)

1. Manage Azure Identities and Governance

- Manage Azure Active Directory (Azure AD) objects: Users, Groups, Devices
- Manage role-based access control (RBAC)
- Manage subscriptions and governance using: Management Groups, Policies, Blueprints
- Implement and manage hybrid identities (Azure AD Connect, SSO)

2. Implement and Manage Storage

- Create and configure storage accounts
- Secure storage using Shared Access Signatures (SAS), Azure AD, and firewalls
- Manage data in Azure Storage: blob lifecycle, import/export, AZCopy
- Configure Azure Files and File Sync

3. Deploy and Manage Azure Compute Resources

- Configure Virtual Machines (VMs) for availability and scalability
- Automate VM deployments using ARM templates
- Create and configure containers using Azure Container Instances and AKS (Azure Kubernetes Service)
- Manage Azure App Services

4. Configure and Manage Virtual Networking

- Configure virtual networks (VNETs), subnets, and peering

- Implement name resolution with DNS
- Configure network security groups (NSGs), Azure Firewall, and routing
- Implement connectivity between VNets and on-prem (VPN Gateway, ExpressRoute)
- Monitor and troubleshoot virtual networking

5. Monitor and Back Up Azure Resources

- Monitor resources using Azure Monitor and Log Analytics
- Implement backup and recovery with Azure Backup
- Use Azure Site Recovery for disaster recovery
- Configure alerts and action groups

FortiGate NSE4 Administrator (16 hours)

01- Introduction

02-Firewall Lab Setup

03-Initial Configuration

04-Firewall policy

05-Static Route

06-Fortigate NAT

07-Firewall Authentication

08-Fortigate Certificate

09-Web Filtering`

10-Application Control

11-Antivirus

12-Configure Intrusion Prevention and Denial of Service

13-File filter

14-DNS Filter

15-Traffic shaping

16-Diagnostics and Troubleshooting 17-SSL VPN

18-IPSEC VPN

19-High Availability

20-SD-WAN Configuration

FortiAnalyzer (NSE5) Forti analyst (12 hours)

FortiAnalyzer Course Content (NSE5 - FAZ)

1. Introduction to FortiAnalyzer

- Role of FortiAnalyzer in the Fortinet Security Fabric
- Difference between FortiAnalyzer and FortiManager
- Overview of the Graphical User Interface (GUI)

2. Deployment and System Settings

- Deployment modes: Standalone and Collector-Aggregator
- Administrative Domains (ADOMs)
- Firmware upgrades and system backups

3. Device Management

- Adding FortiGate devices to FortiAnalyzer
- Secure communication between devices
- Log delegation and management

4. Log Management

- Types of logs: Traffic, Event, UTM, etc.
- Log storage, archiving, and retention policies
- Log forwarding to external systems

5. Reports and Analysis

- Creating predefined and custom reports

- Analyzing suspicious activity
- Using report templates
- Report scheduling and automation

6. FortiView and Monitoring

- Using FortiView for real-time log and traffic analysis
- Customizing dashboards and widgets
- Filtering and sorting data visually

7. Advanced Features

- Log correlation and threat detection
- Incident alerting and case management
- Security incident response

cyber security (12 Hours)

- What is network and How to LAN
- Ip addressing
- types of hypervisors and environment setup
- how to use Vmware workstation software
- download and setup kali linux OS
- Foot printing
- Scanning and Enumeration
- How to Sniff
- Password Attack
- Phishing
- System Hacking and spyware
- Malware Threats
- Social Engineering
- Hacking mobiles
- Web Server and web applications hacking
- Command Execution on web servers (Web Vulnerabilities)
- Session Hijacking and XSS Vulnerabilities
- file inclusion and upload locally and remotely
- Denial of Service and distributed denial of service DDoS
- SQL Injection
- WiFi WPA & WPA 2

Exams

The international program training course is designed to fully prepare you to pass a set of globally recognized certifications from leading tech companies. Through this course with Networkat, you'll be ready to take the official exams listed below:

- Cisco CCNP ENCOR 350-401
- Fortinet NSE4 – Core Exam (7.4)
- Fortinet NSE4 – Elective Exam (7.4)
- Microsoft Azure Fundamentals (AZ-900)
- Microsoft Azure Administrator (AZ-104)

These certifications are officially issued and accredited by the respective companies (Cisco – Fortinet – Microsoft), and upon passing the international exams, you'll receive globally recognized certificates.

You will be eligible to apply for the international exams after completing the course, equipped with all the skills and knowledge needed to succeed.