TRAINING BASKET
QUALIFY FOR TOMORROW

CISCO CERTIFIED
CCNA

INTRODUCTION TO CORE NETWORKING
- Fundamentals of Networking
- Collision Domain & Broadcast Domain
- Configure and verify IPv4 addressing and subneting
- Describe the need for private IPv4 addressing
- Configure and verify IPv6 addressing and prefix

SUBNETTING
- Operation of IP Data Networks
- Easy Subneting
- VLSM/CIDR
- Summarization

Compare IPv6 address types
- .a Global unicast
- b Unique local
- c Link local
- d Anycast
- .e Multicast

MANAGING CISCO INTERNETWORK
- LAN Switching Technologies
- IP Routing Technologies
- Cisco IOS commands to perform basic router setup
- Verify router configuration and Network connection

Switching Concepts
- a MAC learning and aging
- b Frame switching
- c Frame flooding
- d MAC address table

CISCO IP ROUTING
- Different methods of routing and routing Protocols
- Static vs. Dynamic
- Link State vs. Distance Vector
- Next hop/IP routing table
- Configure and verify OSPFv2 Neighbor adjacencies.

VLAN & INTERVLAN ROUTING
- Configure and verify VLANs
- Configure and verify trunking on Cisco switches

- Configure and verify InterVLAN routing (on stick)
- Sub interfaces, Upstream roung
- Encapsulation, Configure SVI interfaces
- Troubleshoot and Resolve VLAN problems
- Troubleshoot and Resolve trunking problems on Cisco switches
- Correct trunk states

Configure and verify (Layer 2/Layer 3) EtherChannel (LACP

The need for and basic operations of Rapid PVST+ Spanning Tree Protocol and identify basic operations
- a Root port, root bridge (primary/secondary), and other port names
- b Port states (forwarding/blocking)
- c PortFast benefits

Security Fundamentals
- SECURITY (ACCESS CONTROLL LIST)
- Introduction to Network Security
- IP Services
- Describe the types, features, and applications of ACLs
- How to configure Standard Extended & Named ACL's
- Define key security concepts (threats, vulnerabilities, exploits, and mitigation techniques)
- Describe security program elements (user awareness, training, and physical access control)
- Configure device access control using local passwords
- Describe security password policies elements, such as management, complexity, and password alternatives (multifactor authentication, certificates, and biometrics)
- Describe remote access and site-to-site VPNs
- Configure and verify access control lists
- Configure Layer 2 security features (DHCP snooping, dynamic ARP inspection, and port security)
- Differentiate authentication, authorization, and accounting concepts

Automation and Programmability
- Explain how automation impacts network management
- Compare traditional networks with controller-based networking
- Describe controller-based and software defined architectures (overlay, underlay, and fabric)
  - .a Separation of control plane and data plane
  - .b North-bound and south-bound APIs
- Compare traditional campus device management with Cisco DNA Center enabled device management

Q: **Why should I choose Training Basket over other training providers?**

Ans. Training Basket provides a unique amalgamation of quality, convenience, flexibility and cost. Training Basket has some of the best trainers in the industry. Our trainers excel not just in depth and width of knowledge, but also in their patience and ability to explain difficult concepts in simple terms.

Training Basket has made serious investments with long-term vision for ensuring good environmental factor for studies by first buying their own suites in the prestigious iThum Towers in NOIDA, Sec-62. This lets us configure our labs and classroom suited best to our student's comfort and focused studies.

Q: **What is the criterion for availing the Training Basket job assistance program?**

Ans: All Training Basket students who have successfully completed their training in any of our courses are directly eligible for placement assistance.

Q: **Which are the companies that Training Basket has placed students in the past?**

Ans: We have exclusive tie ups with MNC's like Ericsson, Cisco, Cognizant, Tech Mahindra, MEON, Bingo, Genpact etc.

Q: **Do I need a prior industry experience in getting an interview opportunity?**

Ans: There is no need to have prior opportunity for getting an interview call. The successful completion of any industry level technology training at Training Basket is like an industry experience. This training makes you confident to clear interviews and we also conduct in-house mock interviews on our online assessment platform where we assess our student's kills by testing their code online or industry specific assessment before sending them for interviews.

Q: **How does Training Basket assist in placement?**

Ans: You will be guided on creating an attractive template based resume. You will get opportunity to attend free personality development program and mock interviews conducted by our SME's to boost your confidence for real interviews. Plus you will be given our level assessment platform where we assess our student's kills by testing their code online or industry specific assessment.

Q: **If I don't clear in first attempt, will I get another chance?**

Ans: Yes, for sure. Your resume will be active on our job portal and will be visible to all our associates and clients. Training Basket will continue to send your resume to future job requirements matching your profile till you land a job.

Q: **Does Training Basket Guarantee job through it's job assistance program?**

Ans: Training Basket does not guarantee job placement but it will continue to assist you on best efforts basis to place you in it's affiliated companies' network.

COMPANIES WHERE OUR STUDENTS ARE PLACED

Tech Mahindra	DELL	Source Soft Solutions — We only believe in the best
Chi Networks	ADS-eVER	MEON — DELIVERING GREAT SURFACES
BioMax	NECTAR PHYTOCHEMS	BINGO — Change • Innovate • Lead
Dimensions — Nine Dimensions Infotech	WTS Webtech Solutions	HCL
IBM	Infosys	accenture
HUAWEI	Reliance Jio Infocomm	pinga solutions
DATA BRIDGE MARKET RESEARCH	CoreIP Technology Pvt Ltd	iSOURCe
ns network solutions	NUCLEUS SOFTWARE	Shailers Solutions...for your need
hp	SAMSUNG	indiatech Solutions