CISCO CERTIFIED CCNA

CCNA

COURSE SYLLABUS

CCNA Course Syllabus

SLA is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program.

We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose SLA. With SLA, your IT dream will definitely come into reality. Have a look at our best CCNA Course Syllabus if you are looking for updated coaching material and excellent CCNA Training in Chennai.

Please go through the long list of our student reviews / offer letters @ www.joinsla.com to get to know more about us.

Network Fundamentals

- ❖ Role and function network components
- ❖ Network Topology architectures
- ❖ Physical interface and cable types
- ❖ Identify cable issue
- ❖ Compare TCP and UDP
- ❖ IPv4 Classes and Sub netting
- ❖ IPv6 address information
- ❖ Verify IP parameter
- ❖ Virtualization fundamentals

Network Access

- ❖ Switch and Types of switch
- ❖ Function of switch
- ❖ MAT
- ❖ L2 & L3 difference
- ❖ Switching Mode.
- ❖ Switch initial configuration
- ❖ Configuration mode and assigning password
- ❖ VLAN single and multiple switch configuration
- ❖ Access port and Trunk port configuration
- ❖ Inter-VLAN or 802.1Q
- ❖ Ether channel configuration
- ❖ STP
- ❖ Rapid PVST

IP Connectivity

- ❖ Interpret the components of routing Table
- ❖ IPv4 and IPv6 Static Routing
- ❖ Default route
- ❖ Floating static Route
- ❖ OSPFv2

IP Services

- ❖ Nat configuration
- ❖ DHCP client and Relay Agent
- ❖ DNS
- ❖ TFTP and FTP Server

Security Fundamentals

- ❖ Configuration of password
- ❖ Remote access and site-site VPN
- ❖ ACL
- ❖ Switch port security
- ❖ AAA Security

Automation and Programmability

- ❖ Automation impact network management
- ❖ Compare traditional network and controller-based network
- ❖ Control plane and data plane
- ❖ Cisco DNA center
- ❖ Computational mathematics for learning and data analysis
- ❖ Machine learning
- ❖ Human language technologies
- ❖ Parallel and distributed systems: paradigms and models
- ❖ Intelligent Systems for pattern recognition
- ❖ Algorithm engineering (KD)
- ❖ Data mining (KD)
- ❖ Mobile and cyber-physical systems (ICT)
- ❖ Real-time Data Warehouse migration
- ❖ Information retrieval (KD)
- ❖ Social and ethical issues in computer technology
- ❖ Computational neuroscience (ING)
- ❖ Robotics
- ❖ Semantic web

Are you happy with our course curriculum? Then why you delay? Take your mobile phone and ring us quickly on +91 88707 67784.