

Day - 1

- **Cisco Design Lifecycle**

- Introduction to the Module3m
- Cisco Methodology and Business Drivers3m
- Cisco Design Lifecycle5m
- Recap and PPDIOO2m

- **Documentation Review**

- Introduction to the Module and Customer Assessment5m
- Types of Documentation and High Level Design5m
- Low Level Design and Examples3m
- Topology Mapping and Examples4m
- Security Details, IP Address Lists, and Recap4m

- **Network Audit**

- Introduction to the Module and Review of Audit Tools3m
- Existing Network Tools and Cisco CLI Commands3m
- Cisco CLI Commands on Several Types of Routers and Switches6m
- Additional Network Management Tools2m
- SNMP Theory and Code Examples6m
- Netflow Theory and Code Examples with NTOP7m
- Neighbor Discovery Theory and Port Mirroring with Code Examples4m
- Other Conditions to Consider2m
- Wireless, Security Audits, and Recap4m

- **Design Approach**

- Introduction to Design Approach and Comparisons2m
- Bottom up and Top Down Approaches in More Detail3m
- Top Down Approach Example Questions2m
- Top Down Approach Example Design Outputs3m
- Top Down Approach Prototype and Recap