



## **CCDA** (Cisco Certified Design Associate)

### **Designing for Cisco Internetwork Solutions (DESGN) 640-863**

#### **مغلاصه :**

Cisco Certified Design Associate (CCDA) validates knowledge required to design a Cisco converged network. With a CCDA certification, a network professional demonstrates the skills required to design routed and switched network infrastructures and services involving LAN, WAN, and broadband access for businesses and organizations. The CCDA curriculum includes designing basic campus, data center, security, voice, and wireless networks.

**مدت دوره: ٤٠ ساعت**

#### **اهداف دوره:**

With the training from the CCDA certification you will gain the knowledge for network designing of the Cisco Internetwork Infrastructure. CCDA certified professionals can design routed and switched network infrastructures involving LAN, WAN , and dial access services for businesses and organizations.

#### **سرفصل دوره:**

- **Network design methodology**
- **Network structure models**
- **Enterprise LAN design**
- **Wireless LAN design**
- **WAN Technologies**
- **WAN design**
- **Internet Protocol Version 4**
- **Internet Protocol Version 6**
- **Routing protocol selection Criteria**
- **RIP and EIGRP Characteristics and Design**
- **OSPF and IS-IS**
- **BGP, route manipulation, and IP multicast**
- **Security management, technologies, and design**
- **Voice architectures and IP telephony design**
- **Network management protocols**