



# CCNA Routing and Switching: Scaling Networks

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student was able to proficiently:

- Understand, configure, and troubleshoot enhanced switching technologies such as VLANs, Rapid Spanning Tree Protocol (RSTP), Per VLAN Spanning Tree Plus Protocol (PVST+), and EtherChannel
- Understand, configure, and troubleshoot first hop redundancy protocols (HSRP) in a switched network
- Understand, configure, and troubleshoot wireless routers and wireless clients
- Configure and troubleshoot routers in a complex routed IPv4 or IPv6 network using single-area OSPF, multiarea OSPF, and Enhanced Interior Gateway Routing Protocol (EIGRP)
- Manage Cisco IOS® Software licensing and configuration files

**Milen Georgiev**

Student

**Technical University Sofia**

Academy Name

**Bulgaria**

Location

**Irina Topalova**

Instructor

**Jul 19, 2016**

Date

Instructor Signature