

Certification Program

Earn recognition for your proficiency of Ubiquiti's products, platforms, and services

Since 2012, Ubiquiti Academy's certification program has rapidly expanded, overseeing the training of more than 50,000 students worldwide. Choose from different UniFi & UISP courses as you start or develop your career in the dynamically evolving world of IT networking & operator technologies.



URSCA

The UniFi Routing, Switching & Cybersecurity Admin (URSCA) training course is a 2-3 day classroom training course intended to teach the fundamentals when designing, building & managing an enterprise network. Complete with hands-on lab activities using UniFi's powerful Cloud Gateway and related hardware.

Course Outline

Network Theory

- OSI, TCP/IP & Server-Client Models
- Transport Layer Protocols & Ports
- Network Interface Types
- IPv4/IPv6 Communication Types
- Address Resolution Protocol & IPv4
- Neighbor Discovery Protocol & IPv6

Network Design

- Broadcast & Collision Domains
- LAN/WAN Network Hierarchy
- Bridges vs. Switches vs. APs vs. Routers
- High-Availability, WAN Failover & Load-Balancing
- Virtual LANs & Port Tagging
- IPv4 Addressing & Subnetting
- IPv6 Addressing

Switching

- MAC Tables & Switch Behavior
- Spanning Tree Protocol
- Port Isolation
- Link Aggregation
- Port Security, 802.1X & RADIUS
- Access Control Lists

Routing

- Routing Fundamentals
- Static Routing
- Policy-Based Routing
- Dynamic Routing
- OSPF
- BGP (Coming Soon)

Services

- DHCPv4/v6
- DNS
- NAT
- Firewall
- QoS & Traffic Shaping
- Tunneling, Remote User & Site-to-Site VPNs

Cybersecurity

- Best Practices & Secure Management Access
- Network Malware & Threat Detection
- Intrusion Detection & Prevention System (IDS/IPS)
- Cryptography
- Device & Traffic Identification
- Remote Logging & Access

