

N10-009 – CompTIA Network
May 2026

Achievements

- Configured Cisco switches including VLANs, Trunking, and Spanning Tree Protocol to optimize network performance.
 - Successfully completed the 2025 academic year with distinctions in Network Security and Enterprise Network Management.
 - Golden Key Member
 - Secured 3rd place in a buildathon sponsored by Guild SA.
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Projects

- **Windows Server Lab Environment:** Deployed a Windows Server 2019 environment as a primary Domain Controller. Managed AD DS by setting up Users, Groups, and Organizational Units (OUs) to simulate corporate user management.
- **3 Tier-Hierarchical Network Design:** Designed a scalable enterprise network utilizing Core, Distribution, and Access layers. Configured VLANs, Trunking, and SVIs to enable efficient Inter-VLAN communication .Integrated a Wireless LAN Controller (WLC) and DHCP for automated device management.
- **Web development & Infrastructure Management:** Designed, developed, and deployed a fully managed personal portfolio website, bridging the gap between front-end design and back-end infrastructure. Configured secure web hosting, managed DNS settings, and implemented SSL/TLS certificates to ensure optimal security and uptime.
- **Virtual Penetration Testing Lab:** Configured an isolated virtual machine environment to conduct penetration testing on Windows and Metasploitable systems using Kali Linux. Analyzed exploit mechanics and system vulnerabilities to develop and apply effective security countermeasures.