Jesus Meza

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EDUCATION & CERTIFICATIONS

- Cisco Certified Network Associate (CCNA) – 200-301
- Cisco Certified Network Professional (CCNP) – 350-401 ENCOR
- Juniper Networks Certified Associate, Junos (JNCIA-Junos)
- B.S. — Network Engineering & Security (in progress) • Western Governors University

EXPERIENCE

HCLTech - Ascension Health IL   *July 2023 – Present*

Sr Network Engineer - PROMOTED

- Eliminated guest Wi‑Fi congestion across 10 hospitals by upgrading to 10 Gb SFP uplinks and doubling Comcast circuit capacity (1 Gb→2 Gb), dramatically reducing guest‑Wi‑Fi tickets by ~70%
- Built multiple automation tools to help with a huge 9 hospital and 40+ clinic divestiture project. These scripts reduced close to ~90% of manually cli work. All tools in my github -> https://github.com/jmeza192
- Responsible for Priority 1 network issues/outages due to my history of quick resolutions of major network issues
- Mentored several Network Engineers through tickets in hopes of improving our overall 1st pass resolutions
- Expert in configuring/troubleshooting many different Layer 3 and Layer 2 protocols (OSPF, BGP, EIGRP, STP, LACP, ETC)

HCLTech - Ascension Health IL   *Feb. 2022 – July 2023*

Network Engineer - DIRECT HIRE

- Resolved Multi-Hospital Network slowness issue by configuring and utilizing netflow to find high bandwidth sources (Zero Day Google Patch) then applying a targeted outbound QoS policy
- Designed and then implemented the network connection to a vendor network, setup dual homed BGP at the vendor border then redistributed certain subnets into our network utilizing type 1 OSPF routes for shortest path
- Assisted with a full network infrastructure upgrade of 2 Major hospitals going from old Cisco switches/APS/WLCs to brand new 9300/9600 Cisco Switches and Aruba Wireless. Minimal Downtime

IDC Technologies - Amita Health IL   *Aug. 2021 – Jan. 2022*

Field Service Tech - CONTRACT

- Installed and configured network hardware across multiple hospital sites, collaborating with senior engineers on switch deployments and VLAN cut‑overs.

West Leyden High School   *Aug. 2017 – May 2021*

IT & Networking Intern

- Assisted IT staff with troubleshooting computers, setting up networks, and managing hardware.

AUTOMATION SCRIPTS

VLAN Changer + CI/CD - https://github.com/jmeza192/Vlan_Changer

- Problem: Moving devices required MAC lookups, CDP walks, and careful config/verification on access ports.
- What it does: Locates ports by IP/MAC, traverses CDP across trunks/port‑channels, applies access/voice VLANs, verifies, saves
- Results: Instead of having to manually reconfigure 100s of devices per day during a divestiture project, this script allowed me to more quickly reconfigure devices saving me several hours of work everyday

Wiping Config - https://github.com/jmeza192/wiping-config   *Jan. 2024 - May 2024*

- Problem: Needed to Sanitize 100s of network devices before handing them over.
- What it does: Removes SNMP/NTP, banners, logging hosts, TACACS servers/keys, specific users, legacy TTY settings, and more with clear progress/error logs. Utilized nornir to allow to program to run on 100 devices at a time
- Results: Allowed our team to quickly sanitize 100s of network devices saving us days of work in prepping devices for handover

Protocols/Technologies

- OSPF, BGP, EIGRP, EVPN, STP, RSTP, MST, vPC, LACP, ACLs, NAT, IPSec VPN, HSRP, VRRP, QoS, Multicast (PIM/IGMP), Python, 802.1X, NAC, VPN