

Jennifer B Sanders

Experienced NOC Operator and Network Engineer specializing in WAN/Service Provider administration and automation.

EXPERIENCE

NTT Ltd/NTT Data, Fully Remote *Network Analyst / Senior Network Analyst*

May 2017 - PRESENT

- Member of the highly rated NTT GIN NOC team known for fast, effective, and tierless support via phone and email.
- Performed my duties as a steward of the network, supporting customers directly as well as performing fiber optic/DWDM troubleshooting, migrations, software upgrades, traffic analysis/engineering, DDoS monitoring, and anything else that might fall under our broad NOC umbrella.
- Monitored global internet service provider network using IBM NOI, pmacct + Imply data stack, and various internal tools.
- Utilized ServiceNow to track, own, resolve, and document customer and backbone issues as well as changes.
- 2024 graduate of NTT DATA Fast Track leadership program at INSEAD business school in Singapore.

Hilltop Holdings, Dallas, TX — IT Auditor

August 2016 - May 2017

- Performed compliance and SOC auditing for 4 subsidiaries.

PlainsCapital Bank, Dallas, TX — PC Support Specialist

May 2015 - August 2016

- Provided deskside, phone, and email support to employees and VIPs at HQ and 20 branch locations around the DFW area.
- Led first line high-touch support at corporate HQ assisting C-suite VIPs face-to-face and during shareholder/board calls.

EDUCATION AND CERTIFICATIONS

Cisco Certified Network Associate, CCNA

March 2025

University of Texas at Arlington, B.S. Information Systems

August 2011 - December 2015

- Member of Delta Sigma Pi and Kappa Kappa Psi.

Olympia, Washington, USA

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SKILLS

Routing Protocols

- BGP
- IS-IS
- OSPF
- MPLS / LDP / RSVP-TE

Routing Platforms

- Cisco IOS/IOS-XR, ASR
- Juniper JunOS, MX/PTX
- Nokia SR OS

Transport

- Fiber optics
- DWDM
- Datacenter interconnects/MMR
- VPN (IPSEC/OpenVPN/Wireguard)

Automation

- Ansible
- Python
- NetBox SoT

Other

- DNS (Authoritative/Recursive)
- NTP (chrony with GPS)
- SNMP (NOI/LibreNMS)
- HTTP/S web hosting
- Linux administration
- ServiceNow

PERSONAL PROJECTS

DN42 Training Lab

- Designed and implemented DN42 AS4242422914
- Authoritative DNS for jsanders.dn42 zone
- IS-IS protocol used for IGP
- RPKI filtering
- [Public looking glass](#)

Homelab Environment

- Proxmox/Debian VM host
- Services include a media server, LibreNMS, DNS, NTP, and SMB file sharing
- ZFS mirrored file storage
- Secure remote VPN access via Wireguard
- Hybrid-cloud infrastructure w/ Vultr VPS.