Nathan Tidwell

Systems Administrator

👤 Profile

Experienced Systems / Network Administrator adept in bringing forth expertise in design, installation, testing and maintenance of both physical and virtual systems. Expertise in setting up administrator and server accounts, and experienced in managing the functionality of systems and testing backup and DR scenarios. Scripting and automation have been my passion project for the several years and I am eager to expand in my next career path. I am looking forward to applying my skills in a new fast-paced environment.

💼 Employment History

Systems Adminisrator II at Adams County , Brighton

June 2016 — Present

I was offered this position after working closing with the Counties Network and Security team on several large projects back in 2016. Since then I have lead and assisted on countless project across the org. This includes projects outside of IT like vendor selection for County employee recognition platforms as well as being being on the board to hire new employees.

Some of my recent project include:

- Automating Windows and macOS imaging and provisioning with Microsoft Intune and Ivanti End Point Manager. This project was aimed at reducing the deployment time for a computer to automating the OS install, and software installation for a computer based on which department the device was going to be used in. To date, the project is on track and team responsible for deploying those devices is on track to deploy around 500 new laptops and desktops this year.
- leading the team to migrate two of our data centers from NSX to NSX-T. This was a multi-month project deisgned to upgrade our mico-segmentation to the newest version. We had to review our networking confiugrations and create new jumbo frame vlans to route this new implementation between the DC's and their core routers. Once the networking was addresses, an entire overhaul of the ESXi systems took place.Overall it was a success, with our biggest challange being on the network side.
- Migrating from our on-prem ADFS server connections to EntraID. This was a great project for me as it required me to work with with over 50 of our SaaS vendors to migrate services from one platform to another.
- I have also been working on the upgrade / migration of all our 2012 and 2008 Windows Servers to 2019 and 2022 Windows servers.

- Install/manage/upgrade datacenter equipment
- Public and Private DNS management

Details

Thornton
United States
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Links

NateTidwell.me

Skills

VMware - ESXi - NSX-T

Azure AD - Intune - Conditional Acess

Linux

AD - GPO - PKI -

Splunk

Firewalls - Checkpoint

Docker - Containers

Hobbies

Fly Fishing
Camping
Photography

- Citrix VDA / VDI
- Netscaler gateway and load balancing with WAF and BOT protection
- AD and GPO management
- Internal PKI management
- MDM with Intune and Ivanti
- Automated patch management for Windows and Linux
- Security assessment and breach remediation
- Windows server and Linux upgrade and replacement
- Firewall management
- VMware ESXi
- NSX-V and NSX-T
- Backup and Recovery with Commvault
- SAN management with fibre channel networking
- On-prem to Azure AD
- Setup and deployment with 3rd party MFA with conditional access

Network Analyst at 17th Judicial District - Adams County District Attorney's Office, Brighton

March 2012 — July 2016

Worked as the network analyst for the DA's Office where I managed our Network including switches, routers, and firewalls. I also maintained our entire virtual environment, which consists of 6 physical machines, 250Tb of storage, and 30 VM's.

- Created and maintained detailed network documentation, including network diagrams and device configurations
- Ground up WiFi implementation at the DA's office and the Adams County Courthouse for the DA's staff.
- Assisted with Trail work with both district and county court divisions.
- Setup and upgrade from ESX5 to ESXi6 with new SAN storage, switching and server equipment.
- Coordinated efforts for connecting the Broomfield office with the Brighton office using site-to-site VPN services on our firewalls.
- Wrote custom SQL queries for the case management reporting and automation
- Installed and configured all new networking equipment for the DA's office, diversion, and Broomfield office.
- Implemented ADFS for cross domain integration with the county
- Video editing for trial work using Adobe Premier.
- Managed and setup all laptops and desktops as well as created the images for them.

☸ Education

Information Systems, CU Denver, Denver

2007 — 2011

CIS, Hastings College, Hastings

2005 — 2007

✿ Courses

ESXi 7, VMware

February 2022