Phillip Ashcroft

Network Architect

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LinkedIn   GitHub

Summary

I'm a tech nerd with a passion for learning new technology and solving complex problems. My specialty is supporting large scale hub and spoke distributed networks with tactical solutions.

Experience

Network Architect at Novasource Power Services

Chandler, AZ | October 2023 - Current

- Provide strategy and design for new infrastructure projects
- Maintain documentation of business infrastructure
- Support administration of cloud technologies
- Provide training to personnel
- 3rd NERC/CIP Audit - medium impact facility

Network Administrator at Novasource Power Services

Chandler, AZ | April 2021 - October 2023

- Design and build of new office locations and Control Centers
- Succesful build and migration to new Control Center with minimal downtime
- Succesful migration of business worloads from First Solar Azure to Novasource Azure
- 2nd NERC/CIP Audit - medium impact facility

Network Administrator III - Energy Services at First Solar

Tempe, AZ | April 2020 - April 2021

- Primary support for medium impact NERC/CIP control facility
- Succesful migration of physical datacenter workloads to Azure
- Administration of Azure Infrastructure
- Succesful migration of control center operational workloads from Office to IMDC

Network Administrator II - Energy Services at First Solar

Tempe, AZ | June 2017 - April 2020

- Deployed integration networks to remote power plants
- 1st NERC/CIP Audit - medium impact facility

Network Administrator I - IT at First Solar

Tempe, AZ | November 2015 - June 2017

- On site support for office and control center networks

25N - Nodal Network Systems Operator/Maintainer at US Army

Dongducheon, South Korea | May 2013 - April 2015

- Led teams in deployment of small distrubuted tactical networks to support a variety of missions
- Worked directly with support vendors for additional specialized training
- Supported leadership in planning and execution of support missions

25N - Nodal Network Systems Operator/Maintainer at US Army

Fort Campbell, KY | January 2009 - May 2013

- Deployed single office style tactical networks to support a variety of missions
- Cross-trained on microwave and satellite communcation technologies

Education

Warrior Leadership Course at US Army

Berlin, Germany | November - December 2011

- Learned how to organize, plan, and execute military training and exercises

Army Occupational Individual Training at US Army

Fort Gordon, GA | August - December 2008

- Learned legacy military communications systems
- Practiced deployment of modern COTS communication systems

Army Basic Combat Training at US Army

Fort Benning, GA | May - August 2008

- Military training to shoot, move, and communicate

Certifications

Cisco Certified Network Associate - Cisco (Sep 2015)

Network+ CE - ComTIA (Aug 2011)

Skills

Networking

TCP/IP
DNS
DHCP
VPN
VLAN

Routing Protocols

BGP
OSPF

Cloud Providers

Azure
GCP
AWS
OCI

Configuration Management

Terraform
Ansible
Helm

Virtualization & Containers

Docker
Kubernetes
Azure
VMWare

CI/CD & SCM

git
Azure DevOps
ArgoCD
GitHub Actions

Web & App Servers

Apache
nginx

Site Hosting

Cloudflare Pages
Github Pages
Azure Static Sites

Scripting & Shell

Bash
PowerShell
Python

Operating Systems

Ubuntu
Windows
Debian

Systems Management

Active Directory
Microsoft Intune

Compliance Frameworks

NERC/CIP