SHAWN CUMMINGS *Systems Integrator*

PROFILE

Shawn Cummings is a Systems Integrator at ENERGYneering Solutions, Inc. (ESI). For over 10 years, Shawn has designed, implemented, and secured network and system infrastructure in financial institutions, counties, and Internet Service provider networks.

Shawn currently manages ESI's corporate and customer computer information systems. He sets up Internet connections for remotely located power facilities. He Builds secure encrypted tunnels to remote locations, used to remotely access SCADA systems from anywhere in the world on mobile devices and computers. He also specs, plans, and builds the server infrastructure using virtualization technology. Shawn maintains and manages databases, servers, network infrastructure, security infrastructure, SCADA servers, domain controllers, logging servers, and storage arrays.

Previously, Shawn worked as a Sales Engineer at a Tier 3, SSAE-16, certified Colocation Data Center known as the VAULT. He managed customer migrations into the cloud by utilizing his networking and security expertise. Shawn also worked as a Security Engineer to audit, secure and manages large scale enterprise networks while improving, monitoring, and maintaining all aspects of Information Technology Security.

EDUCATION

Associates In Computer Information Science with an Option in Networking

PROFESSIONAL LICENSES

Cisco Certified Network Associate (CCNA) CCNA certification program for network engineers that helps maximize your investment in foundational networking knowledge and increase the value of your employer's network. CCNA Routing and Switching is for Network Specialists, Network Administrators, and Network Support Engineers with 1-3 years of experience. The CCNA Routing and Switching validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks.

AFFILIATIONS

Cisco Security Professionals.
Information Security Community.
Cloud Computing Community.
Central Oregon Information Systems User Group.
VMware User Group.
Technology Association of Oregon.
Linkedin

PROFESSIONAL EXPERIENCE

ENERGYNEERING EXPERIENCE

Network Security Design and Implementation

- Virtual Private Networks
- Perimeter Security
- Intrusion Prevention Systems
- SYSLOG, SNMP, WMI Monitoring

TECHNICAL EXPERTISE

Network Hardware Configuration and Management Skills by Vendor

- Cisco, HP, Sonicwall
- Dell, Adtran, MOXA
- Shoretel
- NetAPP

ENERGYNEERING EXPERIENCE (cont.)

- VMWARE Virtualization

Systems Design and Implementation

- VMWARE Virtualization
- HyperV Virtualization
- Windows Server 2003, 2007, 2007 R2 2012 Domains
- Windows XP, 7, 8, 8.1 and mobile Operating Systems.
- Linux, Ubuntu, SUSE, RedHat, Android, MAC OS

Phone System Design *and Implementation*

- Shoretel VOIP
- Cisco SMB VOIP Systems

TECHNICAL EXPERTISE (cont.)

Programming Languages

- PHP, MYSQL, CISCO IOS, ADTRAN AOS, Windows PowerShell

Web Servers

- Java Web Server, Apache, IIS

I/O Servers

- Kepware

Data Bases

- *SQL Server, MySQL*

SAMPLE PROJECTS

POWER GENERATION FACILITY SCADA SYSTEMS

- *Otay LFGTE Facility, San Diego, CA Systems, Security, and Network architect. Server, security, and network management for 3.2 MW LFGTE Facility. Network integration with existing LFGTE facility. Responsible for all aspects of management and monitoring. Utilized VMWARE as systems architecture. NAC server configuration for VPN monitoring and management. Syslog integration for network security logs. MySQL database management. SCADA report integration for Adhoc, Daily, Weekly, Monthly, Yearly production reports. Disaster recovery planning and implantation.*
- *E2001 LFGTE, Lincoln, CA Systems, Security, and Network architect utilizing VMWARE for systems architecture at a 3.2 MW LFGTE Facility. SCADA report integration for Adhoc, Daily, Weekly, Monthly, Yearly production.*
- *Prince William LFGTE, Manassas, VA Systems, Security, and Network architect utilizing VMWARE for systems architecture at a 4.8 MW LFGTE Facility.*

POWER GENERATION FACILITY SCADA SYSTEMS

- *KCP&L LFGTE Facility, Saint Joe, MI Systems, Security, and Network management for 1.8 MW LFGTE Facility. Network integration with existing LFGTE facility. Responsible for all aspects of management and monitoring. Utilized VMWARE as systems architecture. NAC server configuration for VPN monitoring and management. Syslog integration for network security logs. MySQL database management. SCADA report integration for Adhoc, Daily, Weekly, Monthly, Yearly production reports. Disaster recovery planning and implantation.*
- *Roseburg LFGTE Facility, Roseburg,OR Security, systems, and network management for 1.6 MW LFGTE Facility. Including all aspects of monitoring. HyperV integration for Domain Controllers. NAC server configuration for VPN monitoring and management. Syslog integration for network security logs. SCADA Adhoc, Daily, Weekly, Monthly, Yearly production report Integration. MySQL database management. Disaster recovery planning and implantation.*