

# Brian Hoort

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18 years of Information Security, Networking & IT Management

## **Michigan State University, IT Services Security, Security Analyst**

June 2023 - PRESENT

Hired to rotate between InfoSec units with the greatest need: Governance, Risk & Compliance (GRC), Sec-Operations, Sec-Engineering and Incident Response. Worked primarily in Sec-Ops with firewall work (Juniper & Palo Alto). Assisted with updating and deploying Palo-Alto Expedition (for migrating from Juniper to Palo Alto 2024); managed Minemeld (Palo Alto block-list aggregator), Imperva Web Application Firewall (WAF), Big-IP F5 VPN, ESET (end-point protection), ProofPoint (phishing), & served on the PCI Compliance Team.

## **Michigan State University, Student Life & Engagement, Systems Engineer (Security Specialist)**

APRIL 2017 - June 2023

Systems Engineer responsible for Windows patching two AD domains (PCI-DSS), VMware ESXi upgrades and management, managed thirteen Divisional Juniper SSG-5s and ISG-1000 firewalls, built various secure servers, and co-managed dozens of other systems; lead team on infosec special projects and presented security education and emerging threats to end-users & leadership; transitioned the Division's firewalls to the virtualized firewall with MSU-IT-Security (leading to job above); transitioned all Windows update and imaging processes from WSUS to campus' SCCM, assuming Divisional SCCM Admin role. Solely implemented and then administered VMware vCenter stack with hyper-converged VxRails/ESXi, 2021-2023.

## **Michigan State University, Residential and Hospitality Services, Infrastructure and Security Team Manager, Interim Security Officer**

FEBRUARY 2014 - APRIL 2017

Manager of the Infrastructure and Security team comprised of four systems engineers and two students/temps for a sizable, diverse organization with round-the-clock services including a hotel and restaurant, golf and tennis facilities, dormitories, cafeterias, convenience stores, conference facilities, 700 security cameras and much more; my team managed ~200 servers and 1,700 workstations; recommended and implemented security policies; managed security audits of systems; monitored and resolved emerging security threats; administered all Divisional firewalls, and presented on IT security topics to the Division (8x) and at the National ACUHO-I Conference, June, 2017. Notably managed the team through a high-pressure org-wide PCI-DSS SAQ-D compliance project in 2014 and most importantly maintained compliance henceforth to reduce future cost of the obligation.

## **COMPETENCIES**

Information Security  
PCI-DSS (SAQ-D), FERPA,  
NIST CSF/800-53  
Risk, Compliance  
IT Management  
Firewalls & Networking  
Customer Service  
Public Speaking

## **EDUCATION**

**Michigan State University**  
- BA Telecom/InfoTech

## **CURRENT CERTIFICATIONS**

\* CompTIA  
Security+ - 2023  
\* CompTIA  
Network+ - 2023  
\* Juniper JNCIA-Junos -  
2023  
\* Dell Compellent Storage  
Center Advanced  
Administrator - 2016  
\* SANS GSEC  
Security Essentials - 2006  
(expired)

## **MSU HR TRAINING**

\* Foundations of  
Effective Leadership  
(41 hrs)  
\* Leading Edge (20 hrs)  
\* 30+ technical &  
managerial courses

## **MSU, College of Agriculture & Natural Resources, *IT Support Manager***

AUGUST 2010 - FEBRUARY 2014

Hand-picked as first College-wide IT (customer) Support Manager supervising the helpdesk, comprised of six full-time staff and five student technicians as well as an IT Trainer for an internationally recognized College comprised of 2,200 faculty and staff located throughout Michigan as well as stationed abroad; acted as Tier 3 support, hired and managed staff and students; assisted with design and approval for infrastructure roll-outs and upgrades; wrote College-wide IT communications; reported to CIO regularly and managed special requests and incidents; authored proposed IT Support Model for the entire College centralization.

## **MSU, Agricultural Economics, *IT Manager***

JULY 2007 - AUGUST 2010

Returned to AgEcon as IT Manager; assumed ownership of all tasks detailed below while adding web maintenance, design and analytics, server maintenance, IT purchasing, budget, future-planning and managing staff and support through a 33% staff reduction. Designed & built department's first server firewall. Responded to all security incidents, developed all security policies for workstations & servers.

## **MSU, Physical Plant, *Workstation Security Specialist***

APRIL 2006 - JULY 2007

Established security policies & authored their GPO, developed automation scripts and disaster recovery documentation; administered WSUS patching, migrated from Norton to ESET anti-virus; maintained AD, updated workstation imaging procedure; responded to security threats, consulted regarding future direction and policy; directed student employees. Wrote generic Powershell automation script-system to walk the workstation domain members & flag various problems and/or repair various problems.

## **MSU, Agricultural Economics, *IT Support Specialist***

AUGUST 1998 - APRIL 2006

Supported faculty, staff & students; responsible for graduate computer laboratory and developed an highly-advanced automated management scripting system; developed a Microsoft Access CRM database for managing customers from applicant to student to alumni (cradle-to-grave) and for automating fund-raising emails to alumni; administered servers, anti-virus and firewalls (GPO); migrated domain to Windows 2003 and co-designed the Active Directory (AD) and Group Policy (GPO). Developed sophisticated backup-application and highly-customized workstation imaging automation system.

## **ACD Technologies, *Network Specialist***

1996 - AUGUST 1998

IT support: Developed relationships with and solely supported dozens of chiropractors, schools, consultants, small businesses and non-profits across lower-Michigan on-site with any and all computing solutions they required including designing, ordering, and building new workstations and servers, installed networks, ran ethernet, established backup-solutions & disaster recovery plans. Certified in Windows Networking, NT 4.0 Workstation & Server.

## **EXPERIENCE & TOOLS**

### **Vulnerability Management & Incident Response:**

Qualys, Tripwire, TeamDynamix, disaster-recovery

### **Systems Engineering:**

VMware ESXi & VxRails, Linux KVM, Docker & podman containers, Windows, RedHat, Debian, Alpine, MS-SQL, MS-Access, MySQL, Active Directory / Group Policy, Apache, IIS, Nagios/Icinga, MS-Exchange, Dovecot, Postfix

### **Firewalls:**

Windows AD/GP, Juniper ScreenOS & NSM, JunOS & Space, Palo-Alto & Panorama, Imperva WAF, DD-WRT, SonicWall

### **Scripting:**

Powershell, bash, DOS Batch

### **Endpoint Security:**

Norton, ESET, MS-Defender, ClamAV, Cortex