MICHAEL RUTT, CISSP, CISA

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Information Services Security and Auditing Professional

Experienced IT professional that understands all aspects of information technology; able to plan, implement, audit and manage IT projects from start to finish. Customer Service is a primary focus and I am able to relate security practice and procedures to managers, system administrators and end users across a wide range of information technology environments providing necessary and effective information technology leadership.

I have worked in the Information Technology field for seventeen years as a Systems Specialist, Server Administrator, Email Administrator, E-Mail Coordinator, Sr. IT Security Analyst and Coordinator of IT Security, this has given me a great deal of experience in the information technology field.

Professional Experience:

INFORMATION SECURITY ARCHITECT SOLUTIONS

Owner / IT Security Architect

Key Results:(https:www.michaelrutt.net/index.html)

- Understand federal, state and local rules and regulations and how they apply to an organization. Use all available security framework to apply security policy and standards around organizational services and data.

- Develop risk management around services including vendor risk, attack surface risk and gap analysis risk. Provide cost benefit analysis around security controls to mitigate risk for organizational process and data. Advise key stakeholders and help them become aware of the cost around providing effective security.

- Develop security architecture in an organization to provide human resources, security infrastructure, security process and policy for security controls. Subject matter experts are utilized and trained to address security needs in an organization. Able to manage a team of security staff to address critical security needs.

- Create an environment of security awareness at all levels. Key stakeholders know and understand information security including leadership, staff and security personal. Making sure certified security staff continue in professional development to stay on top of an ever-changing threat landscape.

- Security threat collaboration intelligence at all levels is developed for an organization to provide real time threat data to apply to security controls across the organization holistically.

- Security Leadership, able to communicate with an organization in an open manner with only the highest level of integrity, upstanding the security needs of the customer. Collaboratively work with third parties that provide key services making sure the highest level of integrity is maintained.

- Photo Journalism, taking a photo journalistic approach to discover the facts related to events that matter in peoples lives. Being able to inspire truth using photography, when a picture is worth a thousand words.(https://michaelrutt.net/pointintime)

UNIVERSITY OF NEBRASKA – LINCOLN, NE

Coordinator IT Security

Key Results:

- Work with the CISO to promote roles and responsibilities for the University of Nebraska security team, to build the foundation for an increasing number of staff.

- Manage the day to day operations of security team personnel, which includes a team of security analyst, security operations center staff and student workers.

- Assist the CISO to lead a security advisory committee that developed work-flow around security policy and communicated security initiatives to key stake holders.

- Coordinate security projects such as Duo 2-factor implementation, the creation of a Security Operations Center, and evaluated and implemented new end point security solutions such as Malwarebytes.

- Develop new work flow around information technology restructuring to include the concept of DevSecOps for better collaboration with new partners.

- Help my team achieve a higher standard of information technology security service to campus by promoting continuing education and certification. I consider the improvement of staff to be one of my biggest accomplishments as the Coordinator of IT Security.

- Work with key stakeholders to implement security controls to support business processes to mitigate risk.

- Create presentations in support of security initiatives to a wide range of audiences that ranged from five to over a hundred people. Presentations range from security awareness, to current cyber security threats in the wild.

- Meet with staff on a regular basis to help them achieve their goals and make sure they have everything they need to complete their duties with efficiency.

- Participate in the Big10 CISO Security Working Group, this group of dedicated security professionals is responsible for much of my growth as a leader in the security field.

- Member of the university wide IT Emergency Response Team, that would direct and manage campus wide information technology disasters.

- Provide leadership during security team incident response, mitigating security threats such as phishing, compromised computers and brute force attacks.

AMERITAS – LINCOLN, NE

Specialist – E-mail Administrator

Key Results:

- Document the email environment. This allowed my team to get a base point established, for fixing current problems with the environment, as well as identify how fast resources are being used.

- Identify and fix problems with the e-mail environment. This includes, but isn't limited to mail routing issues, SSL certificates installed incorrectly, The Traveler mobile solution server configured incorrectly and multiple systems that needed more hardware resources.

- Work with the Ameritas Security team, to help them identify phishing scams, application vulnerabilities, give feedback on end user security training and work with them on security policies and procedures around the email environment.

- Gather E-mail for the compliance and legal departments for document retention and legal cases.

- Made sure all E-Mail servers, operating systems and application patches were applied on a monthly basis.

UNIVERSITY OF NEBRASKA – LINCOLN, NE

Sr. Information Security Analyst

Key Results:

- Completed RSA SecurID two factor authentication project. I was the RSA SecurID system administrator for the University of Nebraska.

- Nessus vulnerability scans. I notified administrators and departmental directors on systems that had known vulnerabilities. I also provided information on how to fix vulnerabilities found on their systems

- Worked with departments to identify personal identity information found in their environment. I also helped to find better practices and procedures to eliminate or secure PII so that it can't be accessed by unauthorized personnel.

- Updated campus on new security threats and information on how to protect against threats.

- Created and presented technical presentations to staff that support the data center and all of its hardware.

- Monitored outbound network traffic using Tipping point for computers that have been compromised and worked with the owner of the computer to resolve the issue.

- Responsible for the PCI-DSS environment at the University of Nebraska. I worked closely with the Bursar's office and campus to keep UNL PCI compliant

- Provide 24/7 on call service for the data center.

UNIVERSITY OF NEBRASKA – LINCOLN, NE

Windows Server 2003/2008/2012 Administrator and Lotus Notes E-mail Coordinator

Key Results:

- Implemented a large Windows 2003/2008 server environment. Planned, managed, and installed very large EMC SANS, to very economical MD-3000 DAS systems. Dell Certified technician that repairs a wide range of hardware systems.

- Migrated Windows servers from end of life hardware to new solutions that meet the needs of the applications running on them.

- Documented new hardware justification reports to show the cost benefit of buying hardware for new and existing services.

- Trained new staff to become proficient Windows server administrators. Make sure staff understood all aspects of being a Windows server administrator.

- Implemented Networker, a backup and recovery solution to backup and restore lost data, as well as provided disaster recovery services.

- Provided 24/7 on call service for Windows 2003/2008 servers

- Helped implement a Lotus Notes clustered server environment to provide 24/7 e-mail services to the University of Nebraska.

- As coordinator, I streamlined the Lotus Notes environment to greatly reduce the amount of e-mail disruptions to campus.

- Implemented a spam solution, greatly reducing the amount of spam for our customers. The new spam solution also improved the performance of our Lotus Notes e-mail servers.

- Corrected advanced technical problems that had been escalated by computer support staff. Provided on call 24/7 service for all Lotus Notes e-mail servers and fixed servers as they encountered problems.

- Serve as chair of the Lotus Notes Support Council. This provides a way for the Lotus Notes team to communicate with the University of Nebraska technical staff, as well help determine what services the campus would like to see implemented.

- Provided customer support services and technical training for customers and technical staff.

UNIVERSITY OF NEBRASKA – LINCOLN, NE

<u>System Specialist</u>

Key Results:

- Completed all Lotus Notes trouble tickets escalated from the Help Desk Staff.

- Met with customers and fixed advanced problems that could not be fixed over the phone.

- Managed and maintained the Lotus Notes web page, keeping all information up to date.

- Completed back-ups and restores of data for all Lotus Notes email accounts.

- Managed Lotus Notes user account information.

- Gave Lotus Notes presentations to faculty/staff. My presentations were interactive to make sure all questions were answered.

- Escalated advanced Lotus Notes trouble tickets to Lotus Notes administrators.

Education:

Doane College - Lincoln, NE
Course of study – Public Administration

Southeast Community College - Lincoln, NE
Course of study - Environmental Lab

Various security courses in support of certifications
Course of Study – Pen Testing, Policy, Auditing, Vulnerability Management, Risk, Security Framework

Currently studying for the ISACA CRISC exam, hope to be CRISC certified by December, 2017

Certifications:

Certified Information Services Professional (CISSP)
Certified Information Systems Auditor (CISA)
Mor Leaders CIC IT Leadership Graduate (2015)
Lotus Notes Administrator
Dell Certified Technician
EMC SAN Administrator

Software/Application Experience:

Tipping Point, RSA SecurID, Identity Finder, QIP, Nessus, Qualys Sophos, Nmap, PGP Encryption, Security Center SSL Installation (Apache, Domino, IIS), Ironport, Kali Linux, Duo Security, Prevalent, Palo Alto, CISCO ASA Firewall Administration, CISCO VPN, Active Directory, Symantec Endpoint Manager, Symantec DLP, Malwarebytes, SSL Administration, Incommon Cert Manager, Splunk, IBM Rational App Scan, Proofpoint, Lotus Notes Clients (5x, 6x, 7x, 8x), Lotus Notes Domino Email Server versions (5x, 6x, 7x, 8x)Lotus Notes Sametime, Lotus Notes Traveler, Lotus Notes Domino Administrator (5x, 6x, 7x, 8x), Lotus Notes Domino Designer versions (5x, 6x, 7x, 8x), Spam Sentinel, Reduce Mail Pro, Mail Attender Lotus Script (limited), Create Lotus Notes Agents, Create Basic Lotus Notes Databases, Microsoft Windows Server (NT, 2000, 2003, 2008, 2012, 2016), Microsoft Visio (2003, 2007, 2010), Microsoft Desktop Operating Systems (98, XP, Vista, Windows 7), Adobe Photoshop (5.0, 6.0, 7.0, CS2, CS3), Adobe Dreamweaver (CS2, CS3), Adobe Professional (6, 7, 8), EMC Networker, Most IMAP/POP Clients, Putty, Telnet, MAC OSX, Linux (Ubuntu, Fedora), Websphere Load Balancer, HTML, CSS, Blackberry Admin, Apache, Microsoft IIS, Microsoft O365 Administration, Microsoft Powershell

References

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