

📁 EXPERIENCES

Lead Systems Engineer

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Symlicity Corporation - Since April 2021

- Set up and configure Wazuh as a Security Information and Event Management (SIEM) solution
- Mentor interns and new hires through training and guidance
- Manage a team of 6 by delegating and coordinating tasks, handling training sessions for new team members
- Built Cloud-based infrastructure within the secure VPC (Virtual Private Cloud) within AWS
- Built a new infrastructure on Azure replicating all servers that were built on AWS in a new region
- Upgrade software, run kernel patches and errata patching, manage the disaster recovery process
- Maintain data integrity and access control by making use of the AWS application platform, effectively monitoring and using cost optimization strategies
- Manage and operate highly available and fault-tolerant cloud systems
- Understand the metrics and monitor the utilization of AWS resources on a full scale by making use of highly complex Amazon CloudWatch
- Provide support to other departments - Development or Design during code deployment or help in troubleshooting access-related issues
- Implement/maintain appropriate backup and recovery strategies for various types of servers and clients
- Setup Shibboleth SAML SP for clients that require Single Sign-On and troubleshoot any issues. Implementing and controlling the flow of data, to and from the service provider

Systems Administrator II

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Symlicity Corporation - December 2018 to April 2021

- Built and maintained infrastructure on AWS environment and migrated existing services from physical data centers to AWS
- Maintained backup of the servers, data, and DB periodically. Restored data, system, or DB from AWS if required by the client or internally
- Ran vulnerability scans on servers and web applications using Nessus or Qualys and fixed the vulnerabilities on the servers
- Installed and configured software like apache, LDAP, and PHP and maintained services like mail and DKIM
- Created or disabled accounts for users on LDAP [Lightweight Directory Access Protocol]
- Monitored all systems proactively and make changes to the configurations whenever necessary to optimize performance and availability

Systems Administrator I

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Symlicity Corporation - March 2017 to December 2018

- Installed and configured software for various services and maintained them in a production environment.
- Worked on the ticket queue at the system administrator level and handled all types of issues.
- Configured and maintained the Zabbix monitoring server to immediately identify any issues or failures.
- Set up Phone extensions for internal employees and troubleshoot issues.
- Kept technical documentation up to date on all the processes

Junior Systems Administrator

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Symlicity Corporation - June 2014 to March 2017

- Wrote scripts to perform tasks on the servers using scripting languages like Bash and Perl.
- Monitored all systems proactively and made changes to the configurations whenever necessary to optimize performance and availability.
- Implemented, configured, and maintained logging of all systems at the workplace.
- Installed a directory service in the developers' environment to allow them to test the code without affecting the production environment.

SKILLS

Cloud Computing	<ul style="list-style-type: none">• Amazon AWS, Microsoft Azure, Oracle Cloud Infrastrcuture	
Operating System	<ul style="list-style-type: none">• Windows PC & Server• Mac OS	<ul style="list-style-type: none">• Linux - Amazon Linux, Oracle Linux, Red Hat, Centos, Ubuntu
Scripting Languages	<ul style="list-style-type: none">• Bash• Python Basics	<ul style="list-style-type: none">• Perl
AWS Services	<ul style="list-style-type: none">• EC2• EFS• S3• IAM• Route 53• Certificate Manager• Simple Notification Service	<ul style="list-style-type: none">• EBS• Cloudwatch• RDS• VPC• ELB• Cost Explorer
Administration	<ul style="list-style-type: none">• DNS• LDAP• Shibboleth SSO• SFTP• RSYSLOG	<ul style="list-style-type: none">• DHCP• LAMP Stack• SSH• SAMBA• AWS CLI
Services/Tools	<ul style="list-style-type: none">• MySQL• Telegraf• LXC• VOIP Phone Setup FreeSWITCH• Elasticsearch• DKIM	<ul style="list-style-type: none">• Postfix• Pydio• Vulnerability Management using Qualys/Nessus• Jailkit• Wazuh

EDUCATION

Master of Science in Networking and System Administration

ROCHESTER INSTITUTE OF TECHNOLOGY, NY

Bachelor of Engineering in Electronics and Communication

ANNA UNIVERSITY, INDIA

CERTIFICATIONS



AWS Certified Developer - Associate