Nodirbek Zakhidov, System Administrator

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LINKS

Linkedin, Personal website, References and certificates

PROFILE

As a Cisco Certified Network Administrator, I bring a wealth of experience in system maintenance and the management of server infrastructure and data-center operations. My expertise extends to maintaining and automating both virtualized and physical infrastructures, as well as hosting business applications on various operating systems such as Unix, Linux, and Windows within Vmware ESXi and HyperV environments. Notably, I played a crucial role in preventing the collapse of the company's infrastructure by addressing critical issues in Linux deployments. Currently, I oversee the management of dozens of virtual machines, ensuring a high-availability and airgapped secure environment with a 100% uptime requirement. I thrive in high-stress conditions, navigating pressing deadlines and limited budgets. I am equally comfortable working collaboratively with a diverse team or independently.

SKILLS

Active Directory	SQL
C Programming Language	PRTG
Cisco IOS	Python
DevOps (Gitlab, Docker)	SELinux
Networking	Shell Scripts
Git	Veeam Backup
Linux (Debian & RHEL)	VMware ESXI|Vsphere
PfSense	Web Dev

EMPLOYMENT HISTORY

2021 — Present

Systems Administrator, Atlas International UzDe
Tashkent, Uzbekistan

Current tasks:

- Building, configuring, upgrading, and troubleshooting of over 200 Linux and Windows virtual and physical servers and workstations.
- Monitoring the status of networking equipment, servers and other equipment using PRTG Monitoring with over 1000 sensors.
- Automating workflow using Python and shell scripts.
- Monitoring user activity through the DLP system to prevent information leaks and ensure data security.
- Managing the local GitLab instance for version control and collaborative software development.
- Administering PostgreSQL and MySQL databases, RADIUS, Veeam Backup, FTP, Syslog, TFTP, ZoneMinder, GitLab, TrueNAS, and other services on Debian, CentOS, and Ubuntu Linux distributions.
- QA and testing during the development of local business applications.

Achievements:

- Significantly minimized update downtime to less than one second by fully automating the process of updating business software through Python and shell scripting.
- Identified critical mistakes in the deployment of Linux servers within the production environment, thus preventing a potential collapse of the company's infrastructure saving hundreds of thousands of dollars on data recovery.

2020 — 2021

Assistant Systems Administrator, Atlas International UzDe
Tashkent, Uzbekistan

Achievements:

- Assisted in the assembly and configuration of a datacenter specifically designed to deliver critical government services.
- Gained firsthand experience in installing various networking equipment, including FI6324, MDS9148S, C9500, C2960L, FPR2120, ISR4461, and NETAPP FAS2750.
- Created comprehensive physical and logical network maps, which proved invaluable in troubleshooting.
- Rewrote and documented a crucial production script in Python, resulting in improved response time, enhanced reliability, and increased throughput.
- Successfully advocated for the use of Linux over Windows virtual machines for production servers. This decision led to reduced hardware requirements and monthly costs for the company.
- Demonstrated exceptional performance and contributions to the company's financial success, resulting in a full-time job offer within the first few months of employment.

CERTIFICATIONS

December 2023

CS50's Introduction to Computer Science
HarvardX by Harvard University

January 2022

Cisco Certified Network Associate 200-301
Cisco Systems

COURSES

2023	Intoduction to Computer Science	Harvard University cs50
2023	Python Programming and Django web site development	UCD Micros
2021	Enterprise Networking, Security, and Automation	Cisco Network Academy
2021	Switching, Routing, and Wireless Essentials	Cisco Network Academy
2021	Introduction to Networks	Cisco Network Academy
2021	Linux Network Administration	UCD Micros
2021	Networking with Windows Server 2016	UCD Micros
2021	Linux System Administration	UCD Micros
2021	Installation, Storage and Compute with Windows Server 2016	UCD Micros
2020	Linux Essentials	UCD Micros
2020	Installing and Configuring Windows 10	UCD Micros

EDUCATION

2017 — 2021	**BSc Finance, Investment and Risk Management** University of Wales, Bangor	Tashkent, Uzbekistan

LANGUAGES

English	Russian