


ALUFANG FIDELIS

LINUX SYSTEM ENGINEER

 Houston : TEXAS / Willing
And Ready To Relocate

PROFESSIONAL SUMMARY

7+ years of Linux System Engineer experience working on Kick start servers to install Red Hat Linux, VMWare, Windows, UNIX/Linux System Administrator in the areas of various flavors of LINUX and UNIX Servers, Experience working with various Development and Test Teams in an Enterprise level Environment

TECHNICAL SKILLS

Operating Systems: Unix, RHEL 6,7&8, Oracle Linux 5,6,7&8, CentOS 6, & 7, X86_X64 platform, MacOS and Windows base systems, Oracle Database 18c.

Application Server: Apache Tomcat, Glassfish, Nagios, Scap-Workbench, Word-press, Apache Virtual Hosting, GitHub, rsyslogd, mariadb,

Networking: Network (TCP/IP) Configuration in Linux, Firewall Setup, Troubleshoots, Network connectivity, System security and monitoring, LDAP, Active Directory

Software: VMware ESXi, Hyper-V, Client, VRealize Operation Manager, Microsoft Office Suite, Active Directories and Domain Controllers, Nagios, Security Technical Implementation Guide (STIGs), Openscap, RSA Certificate Manager.

Programming Language: Bash Script, Shell Script

Hardware: Hp Proliant, MacOS and Windows

SKILLS

- Password-less SSH and Kickstart expertise.

EDUCATION

Master Of Science | Computer Science

University Of Shanghai For Science And Technology

Jun '06 - Sep '11

| Shang Hai Shi

- RedHat In Process

WORK HISTORY

Linux System Engineer

Mar '18 - Present

BALI Construction | Newport News, VA

- Integration of Linux systems into an Active Directory environment using SSSD/winbind
- Design and implement change and control policies and disaster recovery plans; lead troubleshooting efforts to restore functionality in the event of an outage.
- Develop core code modules, unit test tools and release notes for enhancements and bug fixes with the help of java script and vim editor. Actively and consistently support all efforts to simplify and enhance the customer experience. Coordinate with internal departments to review existing integration capabilities, data sources and proposed solution designs for feasibility, cost and functionality.
- Install, administer, configure and maintain check-In applications including operating systems and related software.
- Conduct design sessions with appropriate participation from architects and engineers.
- Create detailed design documents and functional specifications for new applications, services and enhancements to existing systems and services.
- Collaborate to create configuration designs for design and implementation of various environments.
- Create work effort estimates for new features and bug fixes for use in prioritization and release management.
- Review new development tools, application frameworks and testing tools for functionality and effectiveness.
- Use established change management processes, requiring operational procedures be performed with minimal client impact, (i.e. during the established maintenance window).
- Work with database administrators to configure, tune and maintain databases in a variety of languages.
- Document systems configurations and upgrades.
- Perform additional duties related to this position as assigned.
- Monitor and assist in managing applications, device availability, network conditions and status, system reliability and performance, service and program maintenance and storage resources with Kubernetes.

Linux System Administrator

Sep '14 - Feb '18

Lyons Hathaway | Houston TX

- VMware management – set-up, user account, network and data store management.

- Monthly query run on oracle database 18c (MySQL)
- Multifactor Authentication installation.
- Log management, directory collaboration, manage Firewall, Chronyd, NFS (Network File System), ACL (Access Control List), LDAP, and SCP, SFTP services on Red hat and CentOS based system.
- Nagios system monitoring, security checks – Scap-Workbench expertise.
- Syslog, Windows Server STIGs, Building ISOs, Export VMs on ESXi,
- Patching systems, network configurations and network troubleshooting.
- Expertise in patching and scanning systems.
- System security, monitoring, patching & Live upgrade.
- Yum repository management and maintenance.
- Manage firewall on linux 6, 7 & 8 based systems.
- Manage DNS server for enterprise environment with change mitigation.
- Create LVM, Esxi
- Identity application, hardware/OS problem
- Create and Manage Virtual-machines on Esxi ,update security group.
- Apache Virtual Hosting (Vhost),

- Hands-on administration of Linux/Unix systems.
- Design of secure, robust, flexible and scalable systems
- Managed patching on Red hat 7, Oracle 7, Solaris 10 servers.
- Design, configure and build secured systems, applying STIGs to Windows and Linux systems.
- Maintain an overall vision and direction for the infrastructure
- Work in a team on global networking infrastructure.
- Assure minimum downtime and optimal planning through proactive planning and regular reviews of the overall production environment
- Responsible for ensuring the stability, integrity and efficient operation of the production infrastructure server components.
- Oversee the design and architecture of company's appliance-based products
- Oversee change management and configuration management of the Production environments
- Analyze the requirements, design, and implement an effective system monitoring solution in Nagios.
- Develop project implementation documentation including all technical information needed for the successful implementation of a project.
- Ensure that all components of the infrastructure are well documented and conform to standards
- Strong coordination, organization, teaming, and communication abilities
- Work under pressure and time constraints.
- Generate ISO files used for system installation with the appropriate patches.