

Linux Systems Administrator Linux Systems Administrator Linux Systems Administrator - Yahoo  
Brooklyn, NY Passionate Linux Systems Administrator with two years of experience in bare metal and virtual/cloud environments. Experience in analyzing, troubleshooting, maintaining, and deploying of systems and networks in diverse heterogeneous environments. I have worked in public/private cloud environments and have automation experience with multiple DevOps tools and have used APIs calls. Work Experience Linux Systems Administrator Yahoo - Lockport, NY April 2018 to Present Responsible for daily system administration tasks such as maintaining servers, applying patches, disk management, job scheduling, User/group management and packages installation (using RPM and YUM) on Linux/Unix Systems such as Red Hat and Ubuntu. Performed day to day Red Hat Linux 5/6/7 tasks including troubleshooting, Installation, Maintenance and Administration. Used Nagios as IT infrastructure monitoring tool for monitoring host resources such as load average, disk usage, system logs; monitoring applications, services, and network protocols. Worked with network team to configure proper DNS and subnets on machines Used monitoring tools such as VMstat, Wireshark, tcpdump, nmap and sar to monitor system health, security and ports. Performed/rolled out quarterly patching and applied security patches on Linux systems to keep the systems updated and secured Configured build parameters and CI/CD pipeline on Jenkins to use it to automate deployment of VMs on the cloud for testing purposes Wrote python scripts to automate use of APIs with Python Requests Library. Setup yum repositories for the management of packages. Used Cronjobs to run scripts to automate daily system backups. Wrote/Debugged bash/python scripts to optimize and to automate routine tasks Created automated solutions for reoccurring issues by writing bash scripts and playbooks in ansible Provisioned VMware Virtual machines using vSphere/VCenter and installed Red Hat Linux 5/6/7 on the VMs. Applied Infrastructure automation through Ansible for provisioning, application deployment and configuration updates. Wrote Ansible Playbooks in YAML for configuration management, and app deployment to remote machines. Configured DHCP and TFTP servers for PXE boot setup. Synchronized server times using NTP. Assisted on a migration project on AWS migrating onsite VMs to the cloud. Experience working on AWS, spun ec2 instances, managed

IAM accounts and worked with storage such as s3 buckets and EBS for cloud storage. Created roles, managed groups, and attached IAM permission policies to users using IAM in AWS. Uploaded and managed objects in the S3 buckets. Configured NIC bonds on RHEL 6/7 to increase the bandwidth and for redundancy. Used fdisk for disk management for new volumes added to the system and used LVM to create, extend, reduce logical volumes as needed. Created mount points to attach it to existing directory structures. Implemented Branching, Merging, Tagging and maintaining the version across the environments using version control tools like Git on Linux platforms. Managed version control tool Git to version code changes to help developers/programmers branch/merge code. Worked with ITSM and JIRA ticketing system for reporting system issues to other teams as required. Collaborated with different teams to find root cause of reoccurring issues and provided solutions to avoid future occurrences. Linux Systems Analyst GetFelix - New York, NY February 2017 to March 2018 Assisted L3 in Racking and Stacking of Dell and HP Servers and configuration of RAID levels as required by the company. Experience in Provisioning both virtual machines and Bare Metal servers using PXE boot with kickstart to automate the installation of the OS. Created and managed Swap space as needed with methods of Performance and Kernel Tuning. Configured passwordless login with secure authentication for SSH. Configured Samba servers so that windows machines can access shared files, home directories and printers on Linux servers. Configured AWS Identity and Access Management (IAM) users and groups for improved login authentication. Spun EC2 instances on AWS and used its features to provision, monitor, and distribute compute infrastructure. Updated YUM repositories with RPM packages as per client requests. Utilized pre-existing ansible playbooks to complete routine tasks such as rebooting servers, unattended app installation and backing up of root files system using cron jobs. Performed day to day administrative tasks such as creating user and group accounts, directory services, file system shares, and permissions. Administered User accounts and security groups which included creation, deletion, and setting permissions for users. Created users both manually and with useradd command. Managed multiple users using scripts such as creating and deleting users. Migrated local users and groups

from one system to another using Rsync. Updated Documentation for team and helpdesk on how to perform certain tasks. Education Medgar Evers College - Brooklyn, NY January 2017 to Present

Additional Information Skills Linux, VMware, Ansible, AWS, Git, Bash Scripting, Python, Nagios, APIs

Name: Jeffrey Hughes

Email: shelby84@example.org

Phone: (554)258-5860