

# STATEMENT OF QUALIFICATIONS

Name	Chris Stacks
Title	Staff Cloud Engineer

## 1. Background

Christopher Stacks is a Staff Cloud Engineer focused on engaging customers to solve strategic technology and business challenges utilizing open-source technologies, practices, and principles. He has extensive experience in both technical and business domains, leveraging his overall consulting abilities to provide value to his clients. He has worked as an RHCE to administer RHEL (6.x/7.x) systems across several industries including public cloud, financial, trading, and telecommunications arenas. He has also worked extensively as an RHCVA to administer medium-sized RHEV 3.0 virtual environments within the trading environment. In addition, he has measured software development experience with multiple languages which adds to his automation experience. Christopher uses his extensive background to successfully deliver high-quality projects on time and in alignment with client expectations. Christopher has extensive, hands-on experience with Infrastructure-as-Code, Python, Ansible, Perl, Bash, CI/CD pipeline, Jenkins, Puppet, Chef, and security controls.

Highlights of Mr. Stacks' professional experience include the following:

For a top public cloud computing environment, Christopher served in several functions including FedRAMP program management for the OPC infrastructure team, as well as a Principle DevOps engineer focusing on micro-service architecture and automation solutions. While engaged with this client Mr. Stacks:

- Designed & Implemented ILOM firmware patching procedures for 35,000+ systems
- Designed, developed and drove monthly patching procedures for Oracle US Gov/DoD Public Cloud
- JIRA API change management programming to aid in cross-team integration
- On-line OpenSCAP remediation
- REPL interface based on KubeShell
- Security control management utilizing Ansible playbooks
- Software deployment and WebLogic server management
- **Tech Summary:** OPC, OCI-C, OCI, PYTHON, BASH, ANSIBLE, JIRA, OMC, WEBLOGIC

For a Financial Trading environment, Christopher served as the sole Sr. Linux Engineer on a program to design and implement a RHEV 3.0 internal-infrastructure. While engaged with this client Mr. Stacks:

- Designed and implemented a RHEV 3.0 internal infrastructure
- Configured 8 hypervisors and 2 management servers
- Implemented a Red Hat Cluster Suite for RHEV 3.0 management redundancy
- Utilized Acronis for backup and recovery
- Managed data with a NetApp FAS2240 filer and iSCSI-based connections
- **Tech Summary:** RHEV 3.0, RHCS, Acronis, iSCSI, WIKI, LOAD BALANCING

For an Aerospace environment, Christopher served as a leading engineer on a program to deploy a RHEL LDAP single sign-on solution. While engaged with this client Mr. Stacks:

- Gathered environmental information across 800 RHEL based LINUX systems
- Designed a menu-driven automation solution to deploy managed files
- Created all base configuration files for both RHEL 5.5 and RHEL 6.0
- Held weekly meetings to discuss the LDAP solution
- Created documentation and WIKI information

- Performed post-LDAP health checks and other sanity checks
- **Tech Summary:** OPENLDAP, PAM, SSL, BASH, WIKI, SELINUX

For a Financial Institution, Christopher served as a consultant to correctly manage RHEL deployments and configuration files with Spacewalk & Cobbler. While engaged with this client Mr. Stacks:

- Created base channels and base configuration files for SPACEWALK
- Managed and maintained spacewalk on a daily basis
- Performed automation necessary to RHEL deployments
- Installed COBBLER on a laptop due to a lagging network
- Built customized RPM's for local yum repositories
- Programmed the SPACEWALK API utilizing PYTHON and BASH
- Performed necessary virtual builds when not using templates
- **Tech Summary:** COBBLER, SPACEWALK, KICKSTART, WIKI, YUM, RPM

## 2. Professional Background

Throughout his career Christopher Stacks had performed in various roles as a problem solver. Prior to joining VMware, Christopher was employed and promoted 3 times at Oracle, was a primary customer on-site platform consultant for Redhat, and Lead Engineer by several industries such as Financial Institutions, Financial Trading Environments, and the Aerospace Industry. He graduated from Robert Morris College with a 4.0 GPA and graduated on the dean's list. In addition, Christopher continues his education regularly by pursuing technical certifications in networking and Red Hat based technologies.