Gustavo Rayos

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Summary Linux Systems Administrator/Engineer since 2015. Currently holds an active DoD Secret Security Clearance and is CompTIA Security+ Certified. Experienced in Information Systems Engineering, Linux/Windows Administration, and Cyber Security. Performs systems configuration, deployment automation, OS patching, vulnerability management, and data management. Received Bachelor's Degree in Computer Science from New Mexico State University in 2015.

Skills

LANGUAGES

- Bash
- Python
- PowerShell
- DOS / Windows
- JavaScript
- CSS
- HTML

TECHNOLOGIES

- RHEL
- Ubuntu
- Fedora
- VMWare
- Hyper-V
- Ansible
- SCAP / STIGViewer

- Active Directory
- Group Policy
- WDS & MDT
- SCCM
- Tenable
- NFS / Samba
- MacOS

Experience LINUX SYSTEMS ADMINISTRATOR/ENGINEER (DOD SECRET SECURITY CLEARANCE)
Navy Fleet Weather Center – Federated IT | San Diego, CA | May 2023 – Current

- Updated existing infrastructure from RHEL 7.5 to RHEL 8.10.
- Configured unclassified and classified DISA repositories on RHEL 8.10 servers for monthly patching cycles.
- Worked closely with Cyber Security (Information System Security Officers (ISSOs)) to remediate vulnerabilities reported by Nessus/ACAS.
- Deployed RHEL IDM Management server with custom 3rd party certificates.
- Performed vulnerability scans using SCAP Tool, STIGViewer, STIGs, and Tenable.
- Automated quarterly SCAP scans and forwarded SCAP results to central repository.
- Configured NFS shares on Linux systems.
- Patched VMware ESXi hypervisors and VCSA appliances.
- Patched Splunk Enterprise servers.
- DoD Secret Security Clearance.

SENIOR INFORMATION SYSTEMS SECURITY ENGINEER (DOD SECRET SECURITY CLEARANCE)
Lockheed Martin Space | Sunnyvale, CA | November 2020 – March 2023

- Developed Kickstart scripts to automate Linux workstation and server deployments.
- Designed and developed Powershell scripts to automate Windows system deployments.
- Designed and developed scripts to harden/configure systems to meet compliance standards of Defense Information Systems Agency (DISA).
- Performed vulnerability scans using SCAP Tool, STIGViewer, STIGs, and Tenable.
- Automated log collection, log scanning, SCAP scanning and STIG configuration.
- Performed remediation, developed POAMs, and supported 3rd party and internal security audits.

- Worked with networking team to troubleshoot network issues between client and server.
- Configured NFS and Samba shares on Linux systems.
- Configured DNS and DHCP services on Linux and Windows servers and workstations.
- Deployed Tang services to automate the access of LUKs encrypted drives on the network.
- Designed VMware test environment to test software and deployments before production.
- Deployed and administered Ansible Configuration Management server on multiple networks.
- Deployed authentication NIS servers and SSSD on multiple information systems.
- Configured Real Time Systems (RedHawk) for THAAD Missile System.
- Analyzed and assessed server performance, storage capacity and planning for future needs.
- Deployed NetApp storage device and configured OnTap services.
- Performed general Linux file management and access management using POSIX.
- Physically installed server and associated hardware in data center and server room.
- Successfully installed/configured software; Gitlab, Docker, Doors, Matlab, etc.
- Created/edited Standard Operating Instructions (SOI) documentation.
- DoD Secret Security Clearance.

SYSTEMS ENGINEER (DOD SECRET SECURITY CLEARANCE)
Raytheon Missile Systems | Tucson, AZ | March 2019 – October 2020

- Developed software packages to automate standard OS configuration on test equipment.
- Deployed a Windows Deployment Server (WDS) and Microsoft Deployment Toolkit (MDT) server and was responsible for task sequence configuration and client system deployment.
- Configured Windows and RHEL operating system to STIG standards.
- Worked closely with Cyber Security configuring hardware and software.
- Attended Sigma Six discussions providing useful feedback as a member of a project team.
- Participated in system design, security solutions, system imaging, data recovery, hardware diagnostics, and unique problem solutions in multiple heterogeneous network environments.
- Assisted with managing user accounts, network access, generation and maintenance of web-page content, infrastructure, database support, and system backups.
- DoD Secret Security Clearance.

SYSTEMS ADMINISTRATOR (DOE Q SECURITY CLEARANCE)
CNS Pantex | Amarillo, TX | December 2015 – March 2019

- Attended weekly Vulnerability Assessment Management meetings with Cyber Security and discussing vulnerabilities and remediation plans on systems.
- Calculated Site Performance Review (SPR) monthly metrics, and reviewed system compliance on the Pantex network. Average monthly system compliance on the Pantex network was 99% compliant.
- Reviewed and approved non-standard security exceptions for individual users and systems.
- Developed security protocols and procedures using various tools including PowerShell scripts, SCCM, Group Policy, Active Directory, Tenable, Splunk, Citrix, and more.
- Created and configured standalone system media for government issued laptops.
- Acted as a direct contact for any VPN related issues.
- DoE Q Top Secret Security Clearance

Education   BACHELORS DEGREE IN COMPUTER SCIENCE
New Mexico State University | Las Cruces, NM | August 2010 - December 2015

Followed my passion for computers and programming and excelled in Java and C programming courses, network security and architecture, and completed research on HPC systems and software. Minored in Software Development and Algorithms Theory. Graduated with a 3.5 GPA.