# EXECUTIVE SUMMARY

Charles Wyble

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Senior Systems Engineer bringing over 20 years of extensive security design and engineering leadership experience, notably contributing to Tier-1 PCI implementations at companies like The Walt Disney Company and Electronic Clearing House. Hands-on security expertise, leading incident response teams and supporting post-incident remediation and litigation discovery requests. Skilled in SCAP/Windows Group Policy, they drive policy implementation across Windows/Linux via Active Directory GPO, addressing speciflc business unit exceptions. With a proven track record of successfully delivering high-complexity projects and managing technical risks, frequently sought for leadership roles, known for the ability to reconcile diverse stakeholder needs in high-risk scenarios.

Deep experience in design/implementation/upgrade of fully virtualized datacenter using VmWare/Vsphere/KVM/Hyper-V and associated networking/storage configuration.

# PROJECT HIGHLIGHTS

* Oﬀered system engineering and PCI compliance expertise for key Disney properties, including Disneyland.com, Disneyworld.com, and DisneyCruiseLines.com.
* Worked in a dynamic environment, focusing on popular web/ecommerce sites such as disneyworld.com and disneyland.com.
* Provided design, architecture, and day-to-day administration for Disney park property sites, contributing to an annual revenue of $2 billion.
* Developed a local language translation and semantic search project utilizing technologies such as llama.cpp, langchain, privategpt, whisper.cpp, and chromadb, enabling the capture and translation of audio/video/text data for seamless integration into a semantic search system accessible through a chat interface.
* Automated routine system administration tasks through batch and VBScript programs, and led an Active Directory project for WDIG, implementing a nationwide, highly available system across 3 data centers.

# EMPLOYMENT HISTORY

# TCS – Confidential End Client – Linux Administrator March 2024 – Present

# \* Day to day server operations scheduling downtime etc

# Department of Defense Consultant |September 2023 – January 2024

* Extensive electronics (high and low voltage) (re)work of a complex power delivery system.
* Documentation and reverse engineering/troubleshooting of vendor components to deliver an integrated system to customers.

**SHEIN.COM** - Senior Site Reliability Engineer | December 2022 - August 2023

* Streamlined engineer onboarding by documenting and overhauling the process, consolidating disparate guides into a comprehensive modular set of documents.
* Established a taxonomy for team documentation in the wiki, implementing Conﬂuence best practices for a proper knowledge base.
* Served as the SRE Liaison for cybersecurity functions, ensuring compliance with data locality/partition requirements and pending federal data privacy legislation.
* Focused on fostering a culture of automation and skill development within the SRE team, emphasizing code review, infrastructure as code, versioning, testing, and eﬀective ticket management.
* Contributed to Linux server administration both internally and externally, aiding colleagues with scripting/automation and assisting in the migration from AWS to Azure with zero customer-facing system impact. Additionally, provided day-to-day support for AWS and Azure activities and troubleshooting.

**3M** - Site Reliability Engineer | March 2020 - November 2022

* Supported Vendavo on RedHat Linux, managed releases, and provided day-to-day developer support.
* Created a homegrown YAML conflguration management system, utilizing bash scripting and YAML templates with a CSV-based key/value store to eThciently manage and regenerate environment-speciflc variables for a line-of-business application across multiple development, testing, staging, and production environments.

**Dell Residency** - Senior Network/Server Consultant | October 2019 - March 2020

* Rolled out centralized Active Directory authentication, deployed Dell OpenManage, and upgraded network equipment.
* Deployed password vault, Active Directory PKI, and implemented a ground-up network redesign.
* Designed VmWare NSX network.

**TippingPoint** - Senior Linux Systems Engineer | March 2012 - June 2019

* Conducted code and design reviews for internal/external team projects and actively participated in broad enterprise collaboration, focusing on large-scale ﬂeet management.
* Managed user account administration, manual/semi-automated server provisioning, trouble tickets, security vulnerability remediation, and system/network auditing.
* Led various projects, including migrating ﬂeet systems from Centos 6 to Centos 7, implementing LXC/ LXD container versions for increased system utilization, and creating an on-premise deployment system (GUMPS) for automated provisioning.
* Deployed network monitoring systems (Zenoss, observium/librenms), utilized librenms as a Conflguration Management Database (CMDB), and implemented a ﬂeet orchestration system (Rundeck).
* Executed extensive vulnerability remediation, OS/application/kernel patching, NIC customization/ optimization, and data migrations while developing and maintaining custom scripts for tasks such as LDAP management and SSL scenarios. Automated processes like re-imaging and ensured continuous distribution of a 40GB dataset of packet captures across a global ﬂeet.

**HostGator.com** - Automation and Escalation Engineer | March 2011 - May 2012

* Provided senior-level Linux and web application support globally.
* Developed standardized reply language and scripts, reducing errors in Level I Linux administrator department.
* Consulting/Contracting
* Various Private Sector and US Government Clients | February 2010 - February 2011
* Provided Linux and Cisco systems engineering for Evite.com, including F5 GTM/LTM operations.
* Worked on Citrix Netscaler load balancers and contributed to data center network design.

**RippleTV** - Linux Systems Administrator | October 2008 - January 2010

* Provided system engineering expertise for customer-facing advertising platform (AdSpot) and internal

ﬂeet management tool (CPanel).

* Utilized Nginx, Mongrel, Thin, Rails, Merb, Rack, MySQL, memcached, and F5 LTM.

**Walt Disney Internet Group** - Linux/Windows Systems Engineer | August 2006 - September 2007

* Engaged in dynamic work environment focusing on popular web/ecommerce sites, including disneyworld.com and disneyland.com.
* Provided design, architecture, and day-to-day administration for Disney park property sites generating

$2 billion annually.

* Oﬀered system engineering and PCI compliance expertise for Disneyland.com, Disneyworld.com, DisneyCruiseLines.com, and 23 related properties.
* Utilized Jboss instances on RHEL3/4 for business logic and employed Windows 2003 with Tomcat/IIS for frontend application serving.
* Automated routine system administration tasks through the creation of batch and VBScript programs for Windows administration.
* Led an Active Directory project for WDIG, designing and implementing a nationwide, highly available system across 3 data centers.
* Managed the migration from Windows NT to Windows 2003 Active Directory domain controllers, including experience with Windows 2008, Centrify, and Samba/Winbind/LDAP/Kerberos.

**Consulting/Contracting** - Various Private Sector and US Government Clients | 2005 - 2006

* Implemented a File Integrity Checking system for PCI compliance, deploying flle integrity checking across 100 UNIX servers using open-source software integrit (http://integrit.sf.net) and custom shell scripts, which were contributed upstream for inclusion.
* Linux systems engineer in a 24x7 transaction processing/ecommerce/flnancial services environment, collaborating with network administration and infrastructure design teams.
* Ensured continuous uptime for high-impact environments, including a 1TB MySQL database, 300TB Oracle database, 1.5TB Oracle Data Warehouse, and a 4,000-store LAMP-based ecommerce system (MerchantAmerica.com).
* Successfully deployed an enterprise-wide Linux backup system, featuring encrypted backups stored on a central server with ISCSI attached network storage, utilizing GNUPG and tar over SSH. Regular backups and restores were tested weekly.
* Led the deployment of Oracle database infrastructure, implementing two Oracle RAC clusters with Dell 6850 servers, Qual Dual Core Xeon processors, and 32GB of RAM each. The clusters ran on RedHat Enterprise Linux 4.0 64bit edition, serving Data Warehouse, Transaction Processing Software, and Credit Card Clearing applications.

**GSI Commerce** - Linux/Windows/HPUX Systems Administrator | March 2002 - February 2005

* Contributed to disaster recovery from an Informix Database failure.
* Streamlined FTP server conflguration and deployed open-source remote control software.
* Upgraded network infrastructure from hubs to managed switches.