Scott Haight – Architecture Overview

Contact

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Overview

ScottHaight.com is a fully self-hosted environment designed and implemented by Scott Haight to demonstrate enterprise-level technical and architectural capabilities. The site is hosted on a secure, virtualized infrastructure managed end-to-end—from public DNS to application delivery.

High-Level Architecture

• **Domain & DNS:** Cloudflare-managed DNS and SSL termination with DDoS protection.
• **Firewall:** Stateful perimeter security with restricted inbound access.
• **Switching:** Cisco Catalyst with VLAN segmentation and QoS for traffic isolation.
• **Virtualization:** VMware vSphere host running multiple Ubuntu VMs.
• **Web Server:** Ubuntu Server LTS with Nginx and Certbot for HTTPS.
• **Automation:** Ansible scripts for configuration, patching, and backup tasks.

Key Principles

• Security through segmentation and least privilege.
• Redundancy and monitoring for uptime.
• Automation for repeatability and reliability.
• Documentation and continuous improvement mindset.

Purpose

This self-hosted platform serves as a live demonstration of Scott's practical expertise in designing, securing, and maintaining enterprise-class infrastructure—showcasing both technical range and leadership discipline.