QuantumNet Solutions A Networking Solutions MSP

Seattle Ops 301D14 Final Project



Agenda



- 1. Team Member Introductions
- 2. Problem Domain & Project Overview
- 3. Team Process & Documentation
- 4. Application Demonstration
- 5. Q&A

QuantumNet Solutions



Vision:

QuantumNet Solutions aspires to be the leader in transforming IT landscapes for our customers. We aim to be the trusted partner that fosters a secure and agile environment for our clients to thrive.

Mission:

We are dedicated to supporting a growing workforce, strengthening data security, and transforming networks to help growth and innovation

Team Members

Tianna Farrow

Scotty Jokon

Festus Oguhebe Jr.

Israel Quirola Salas

Kevin Williams

Tianna Farrow

- Cyber Security Engineer
- Flight Medic
- Currently working on my BS in Biochemistry and AA in Japanese
- Avid Traveler and Foodie

Github



LinkedIn





Festus Oguhebe Jr.

- Cybersecurity Expert
- Prior Army and Air Force Captain
- Hold degrees in Psychology, Marketing, MBA and MSHA (Healthcare Administration)
- Led teams of military intelligence experts including in Cybersecurity

GitHub



LinkedIn





Israel Quirola

- Cybersecurity Engineer
- BA Economics
- US Army Veteran
- Former Perfumer

LinkedIn



GitHub





Scotty Jokon

- Cyber Security Professional
- RMI
- Caregiving/Warehouse
 Worker
- Passion for learning
- Paving the way for my people







Kevin Williams

- Cybersecurity Professional
- US Navy Veteran
- Former Live Production Technician

GitHub



LinkedIn





Client Company: Tarantino Tech

- Growing technology company, currently consisting of 20 employees.
- Emphasized the importance of a secure and efficient network infrastructure
- Seamless communication between office and home company's central server.
- Implements measures to safeguard data
- Improve collaboration through file share
- Ensure business continuity with backup solutions
- Establish an IT onboarding policy



Tarantino Tech Orgchart

Executive Team Winston Wolfe, CEO Aldo Raine, CTO. Jules Winnfield, COO. Mia Wallace, CFO

Development Department

Lead Software Engineer: Vincent Vega

Senior Frontend Developer: King Schultz

Backend Developer: Bridget Von Hammersmark

QA Engineer: Django Freeman Product Department

Product Manager: Archie Hicox

UX/UI Designer: Shosanna Dreyfus

Data Analyst: Calvin Candie

Scrum Master: Hans Landa Operations Department

Operations Director/ VP of Operations: Jackie Brown

Supply Chain Manager: Butch Coolidge

Facilities Manager: Ordell Robbie

Security Officer: Elle Driver Human Resources:

HR Director: Hugo Stiglitz

Talent Acquisition Specialist: Beatrix Kiddo

Employee Relations Manager: Daisy Domergue

Training and Development Coordinator: Gogo Yubari

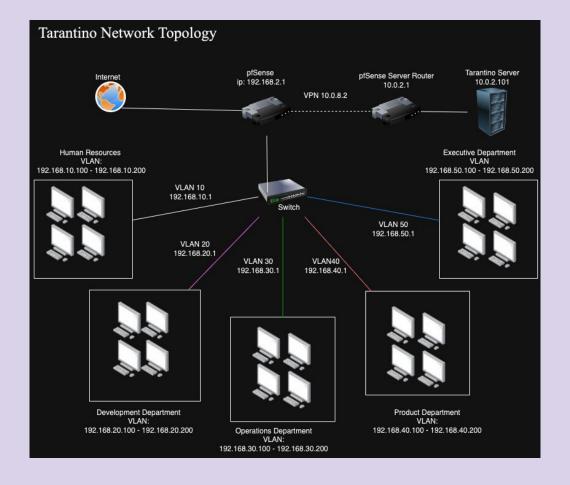
Our Solutions

QUANITUMNIET SOLUTIONS

- IT Onboarding Policy to guide departments and new team members on how to set up and configure their computers along with other onboarding task.
- Separate VLANs for Departments for better isolation of traffic between departments and providing an extra layer of security.
- Backup Solutions implementing on-site and off-site to ensure business continuity.
- Implement a Powershell script to automate the deployment of a Windows Server.
- Setting up a site-to-site VPN tunnel between the office router and the home company's central server.



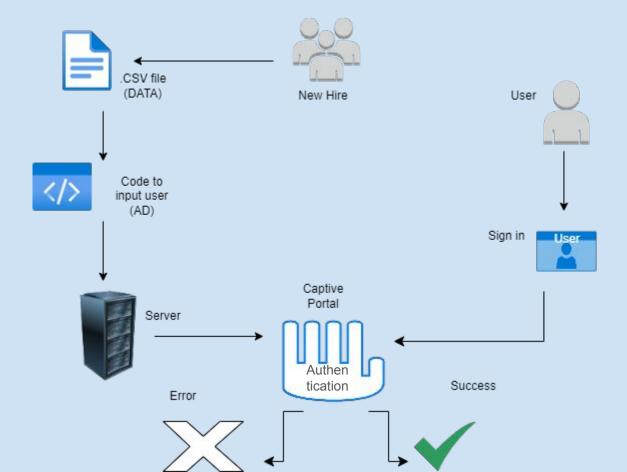
Network Topology





AAA Authentication







Demo!



Our organization Github with all of our documentation, visual, presentation materials, and virtual machines!

SCAN ME

Resources and Thanks!



- Code Fellows!
- Our Instructor and TA's!
- Our Fellow Classmates!
- For a full and comprehensive list of our resources please visit our github!

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SCAN ME

Questions?