

NETWORK PROTECTION VETERAN

NPV

SINCE 2023

# AGENDA



TEAM MEMBER  
INTRODUCTIONS



PROBLEM  
DOMAIN



SOLUTION



LIVE DEMO



Q&A



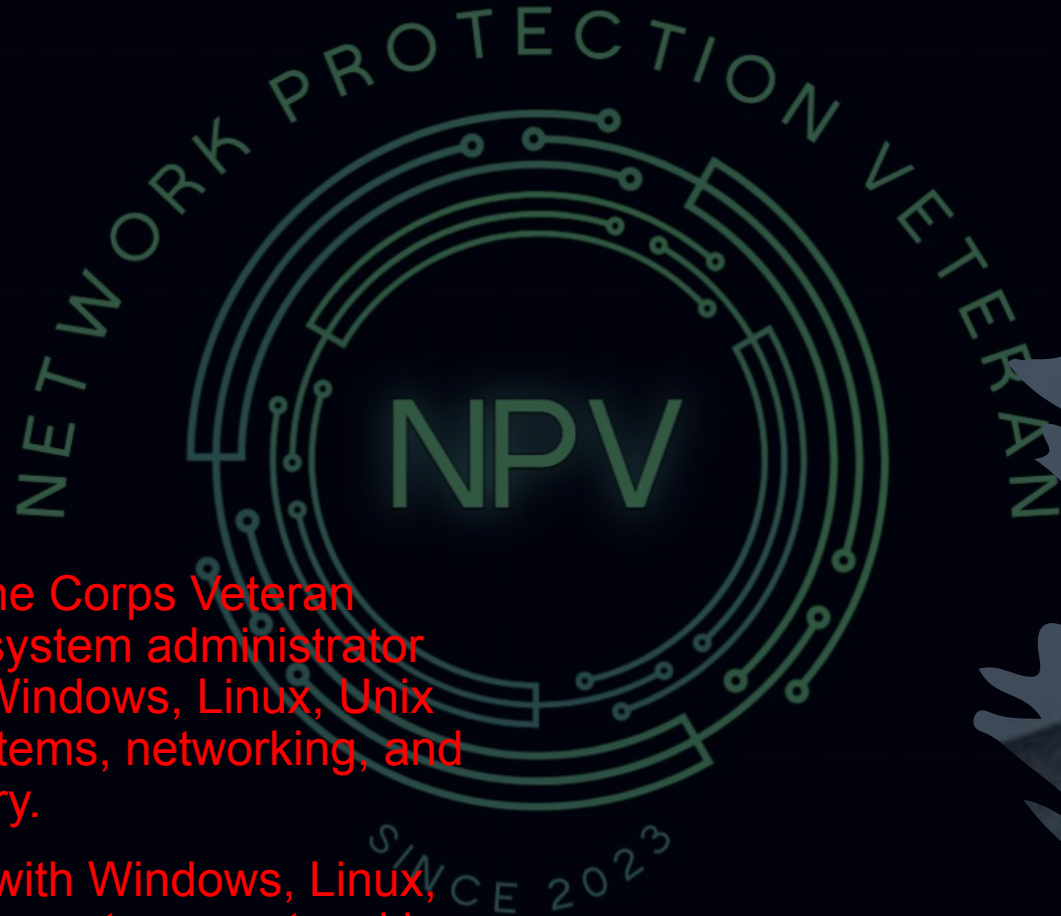
CODY JUHL



US Army veteran, giant tech enthusiast,  
familiar with Windows and Linux, grew up with IT  
in my life but never made a break into the  
industry. Self proclaimed cyber security analyst  
and knower of weird things, reptile



# WILLIAM BAUR



- 12-Year Marine Corps Veteran serving as a system administrator familiar with Windows, Linux, Unix operating systems, networking, and active directory.
- Experienced with Windows, Linux, Unix operating systems, networking, and active directory. Bachelor's degree in Finance and additional experience in Healthcare, Banking, Executive recruitment, and Sales





# SYED HASHEMI



- AN Army Veteran with specialty in CBRN operations.
- Solid background in Biology worked in labs for 7 years, and recently quit my job as Maintenance manager to pursue my passion in Cyber Security and Network Administration.

# THIERRY TRAN

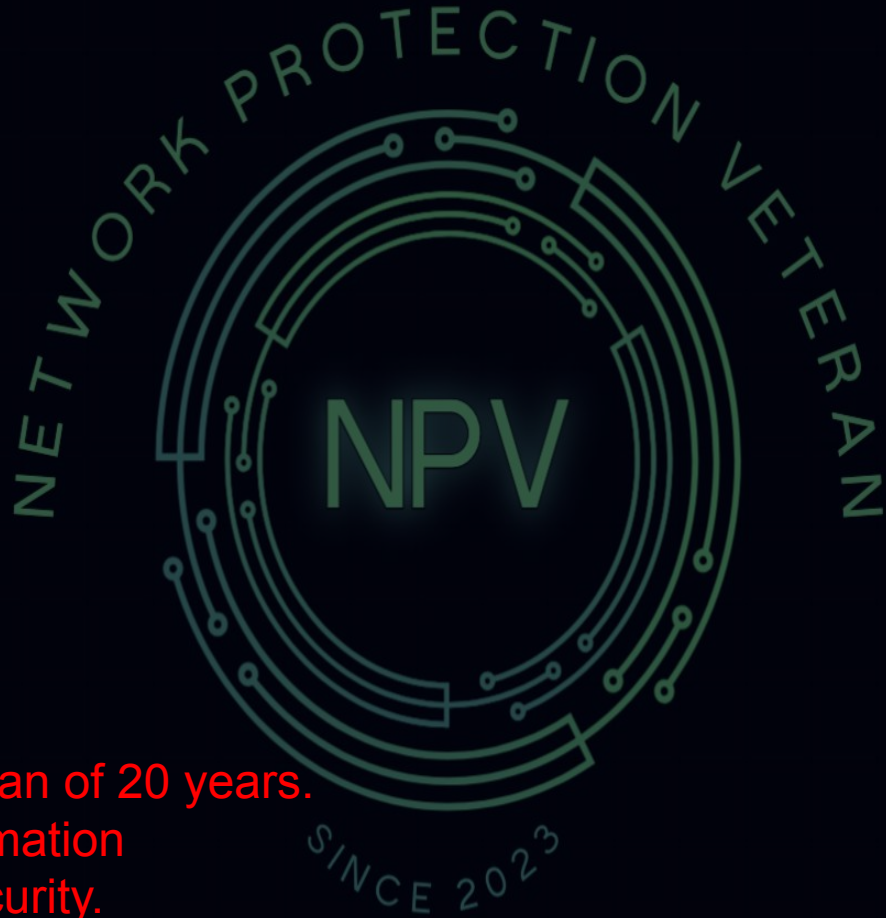


- US Army Veteran
- Just separated last month
- B.S in Computer Science
- My brother-in-law inspired me for Cybersecurity field





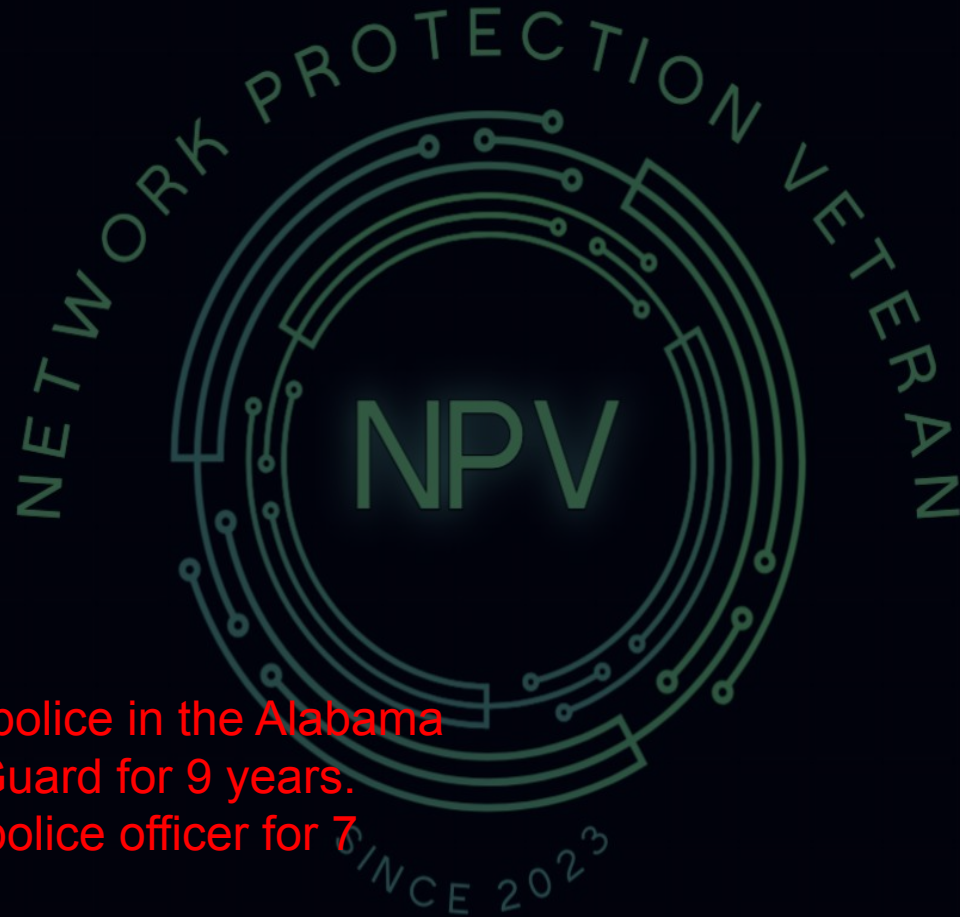
# Tommy S Taylor II



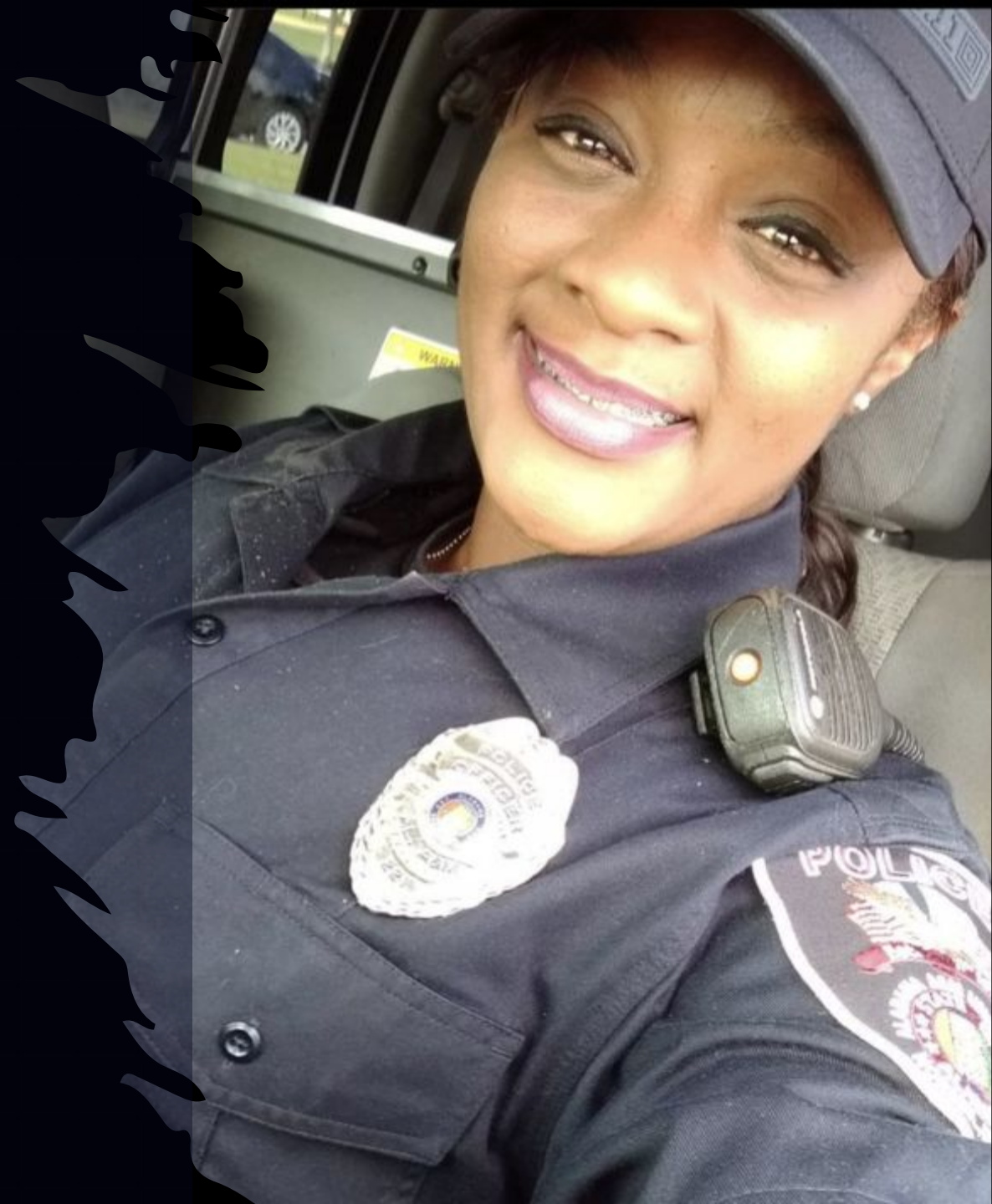
- Army Veteran of 20 years.
- BA in Information Systems Security.
- Currently have the ITIL Foundations Certification and recently graduated the Cyber Security Analyst Certification course through IBM Skills Build.



# Brittany Powell



- A veteran.
- A military police in the Alabama National Guard for 9 years.
- A civilian police officer for 7 years.
- During my time on the force I've done public relations, a member of the Special Response Team, and an instructor.





# *Problem Domain*



## **Client Overview:**

InnovateTech, a rapidly growing tech firm.

Workforce of 20 employees across Sales, R&D, and IT Management.

Emphasis on a robust and secure network infrastructure.



## **Project Objectives:**

Comprehensive network upgrade led by NPV Tech Solutions.

CEO's emphasis on seamless communication, data security, and collaboration.

Implementation of reliable backup solutions and streamlined IT onboarding.



## **Specific Goals:**

Optimize communication between the office and central server.

Enhance data security measures.

Foster collaboration through efficient file shares.

Establish a robust backup solution for business continuity.

Implement industry best practices for IT onboarding.



## **NVP Tech Solutions Role:**

Tasked with delivering a tailored solution.

Focus on scalability, security, and efficiency in the network environment.

# SOLUTIONS



## VPN Setup:

Build secure site-to-site VPN tunnel.  
Alter parameters for uniqueness.  
Demonstrate access to network resources.



## VLAN Implementation:

Create VLANs for Management, Sales, R&D, and Future Expansion.



## Backup Solution:

Develop on-site and off-site backups.  
Schedule regular backups for data integrity.



## File Shares:

Set up departmental file shares on the central server.  
Implement access controls for security.



## Security Measures:

Implement firewalls, antivirus, and security protocols.



## Windows Server Deployment and Domain Controller Setup:

Automate Windows Server deployment with scripts.  
Configure DNS, AD Forest, OUs, and users.  
Integrate the server into the existing network.

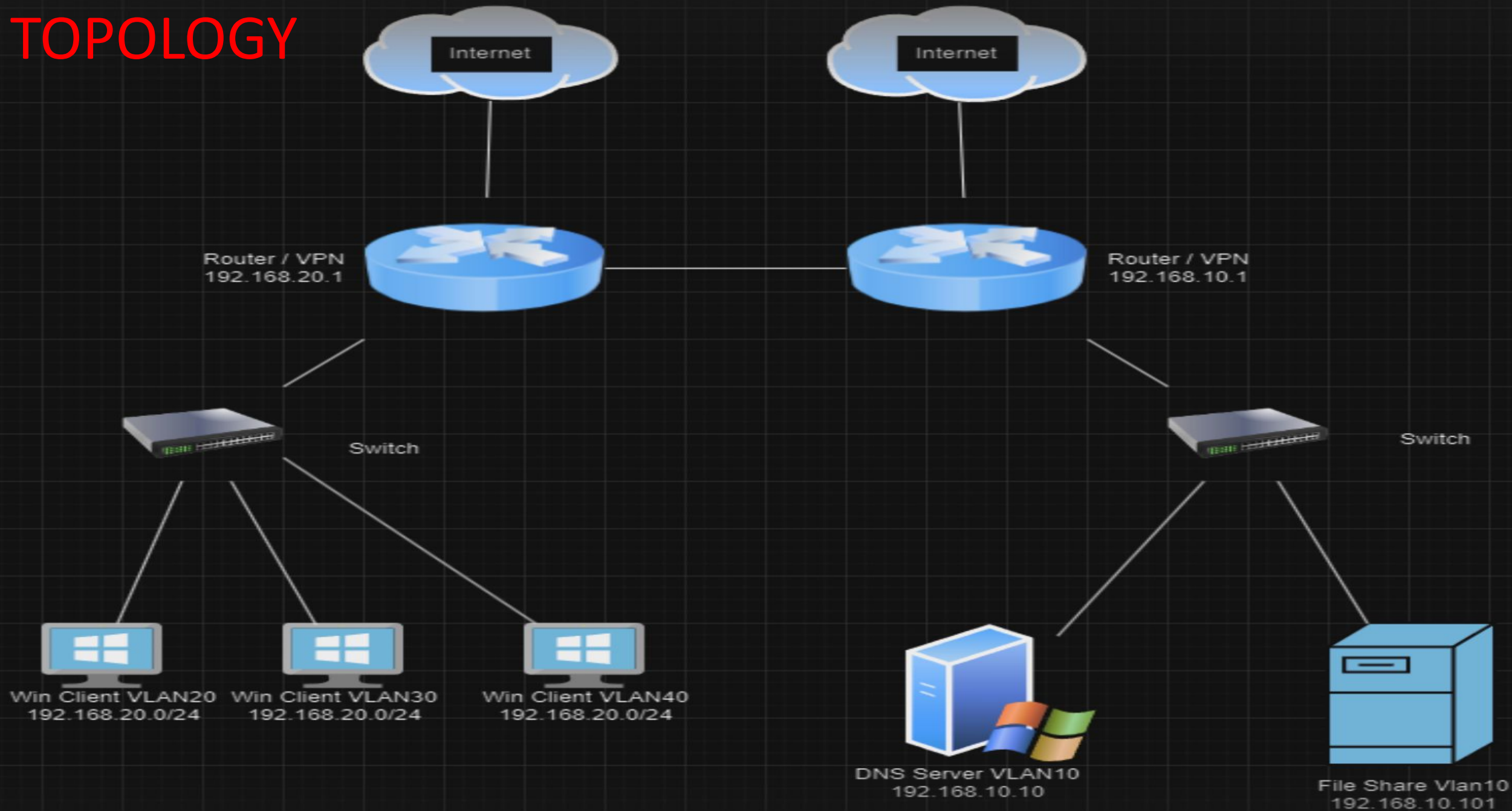


## Virtual Machine Deployment:

Deploy VMs for the server, router, and departmental computers.  
Associate each computer with the correct VLAN



# TOPOLOGY



DEMO!





Thank You:

Our NPV Team

Marco Vazquez

Roger Huba

Zachary Derrick

Ben Arno





QUESTIONS?

