

# BlueWave Tech Solutions

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Final Project: Ops 201d8

# Agenda

1. Team Member Introductions
2. Problem Domain & Project Overview
3. Solution Overviews with  
Demonstrations
4. Q&A

# Our Team



1. Jason Jung
2. David Prutch
3. Gerald Reitmeyer
4. Wayne Brandon

# Jason Jung



- From NY Metropolitan Area.
- Did 2 years of college for Computer Science.
- Army NG - Separating in 05/23/23.
- Became interested in Cybersecurity throughout college.
- Aspire to become a Cybersecurity Professional.

# Team Member A



<Insert a summary of your personal pitch here - you may use the summary or overview from your resume or LinkedIn profile>

# David Prutch



- Navy Veteran
- Former Manager Software QA Engineer
- Up and coming Cyber Security Professional
- Fun Fact: Learning to play Rugby with my son.

# Gerald Reitmeyer



- Cyber security professional
- Retail and Landscaping background

# Harvest Haven

Local grocery store chain that is going through ownership transition. The new owners want to modernize the business and build a technology infrastructure.



Issues they want addressed:

- Employees use their personal laptops.
- Sharing files via email.
- Antiquated paper file system.
- Cloud server for future projects.

Issues we recognized:

- No centralized backup system.
- No secure internal network system.
- Task automation.
- Tech Support.

Future needs:

- Updated POS system.
- Tech support system.



# Computers and Network

## Issues:

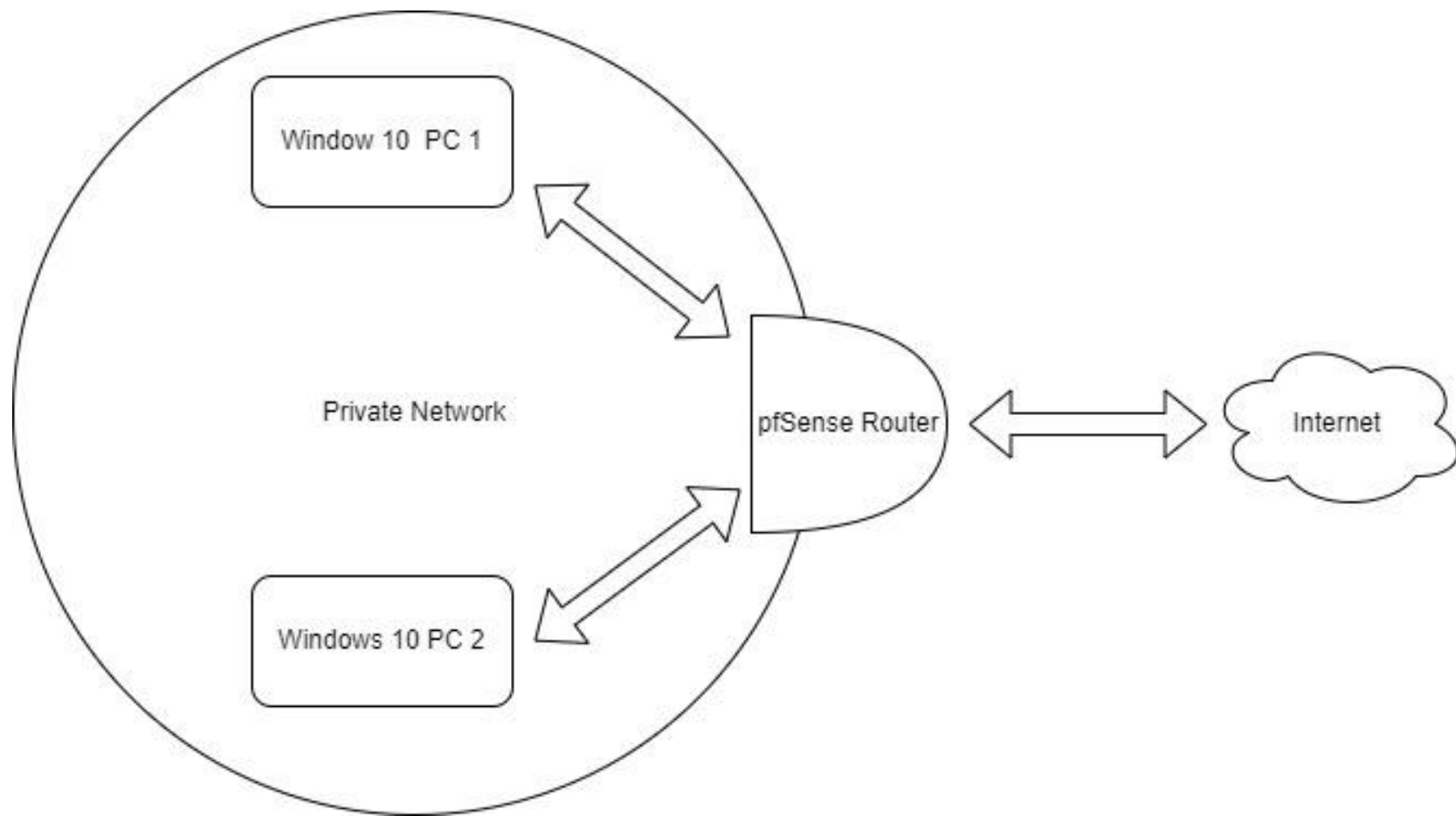
- Personal computers
- Unsecure network

## Solutions:

- Windows 10 Pro system integration
- Private internal network with pfSense



# Topology



# **Demo!**

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# File Sharing and Backup Solutions

## Issues:

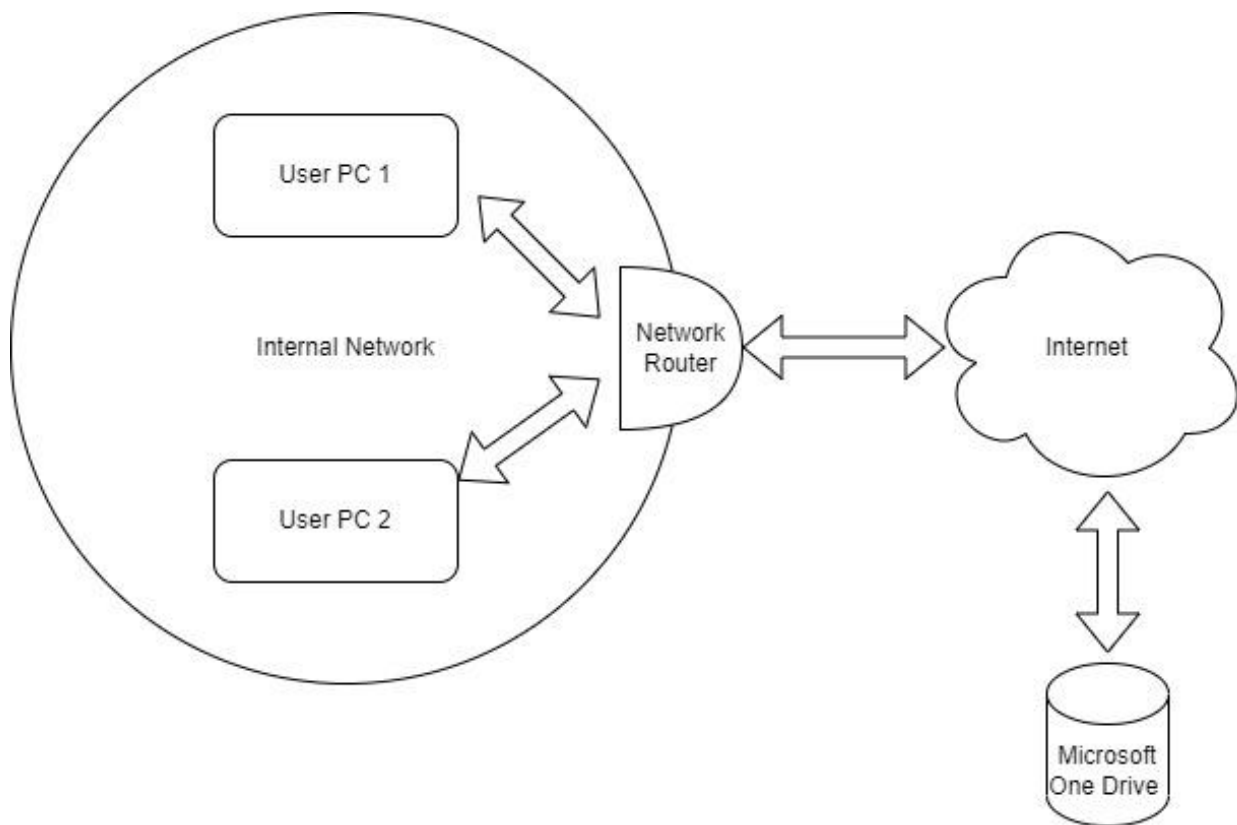
- File Sharing via Email
- No Backup System
- People forget to Backup their Data

## Solutions:

- Microsoft One Drive
  - Cloud based Storage
  - Quick Access File Sharing
  - Backup Solution
  - Centralized Location
- Automatic Backups
  - Already set up on your machines



# Topology



# **Demo!**

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# Apache OpenOffice

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- Issue : Outdated paper filing system.
- Solution:
- No more paper file system
- Free to use office software for Windows 10
- One consolidated master spreadsheet for consistency





# PSRemote & RDP

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- PSRemote & RDP enables MSP to access machines remotely.
- Reduce downtime for MSP and clients
- Automate certain administrative tasks using scripts.



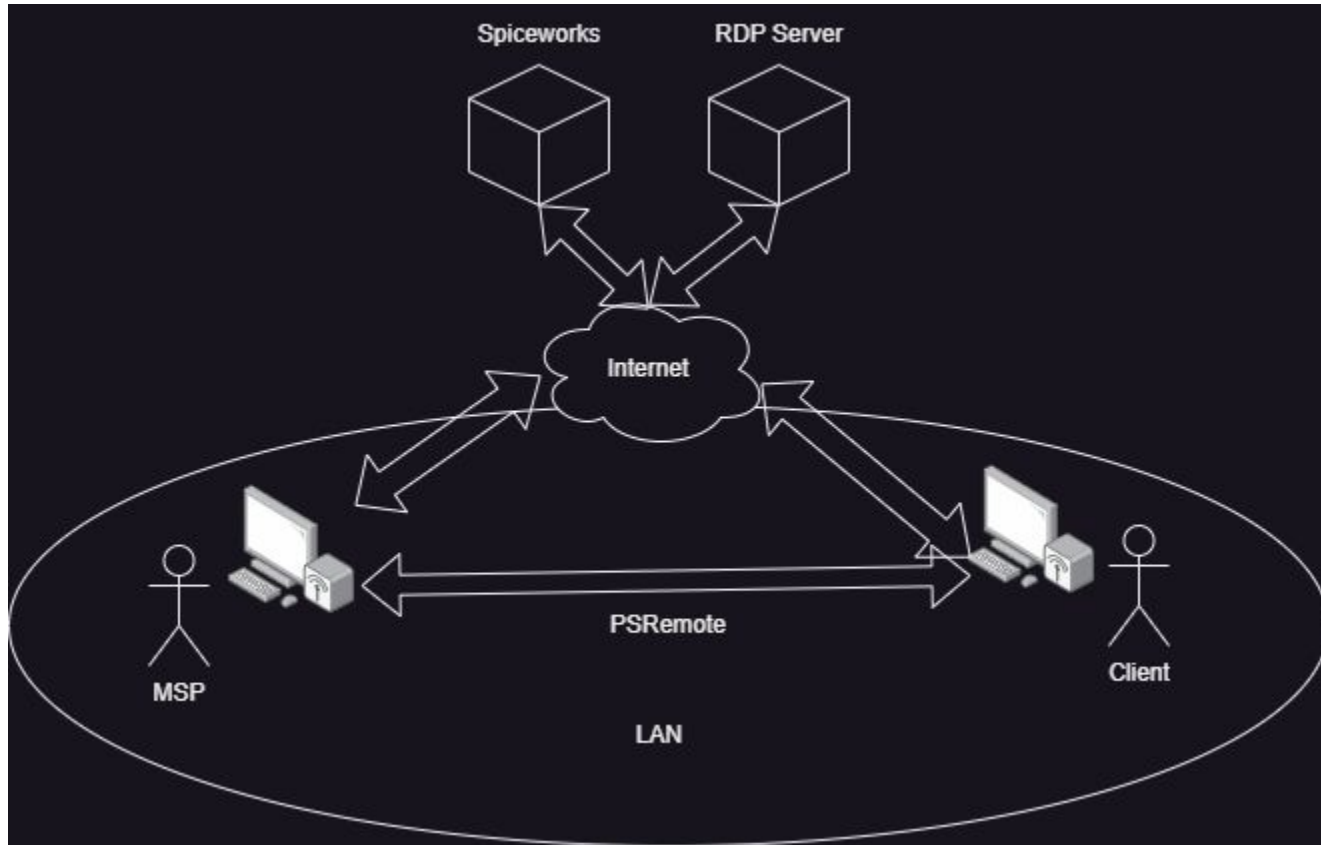
# Spiceworks

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- Cloud-hosted ticketing system for clients.
- Free to use and reliable.
- Able to document the process as well as communicate to clients directly.



# Topology



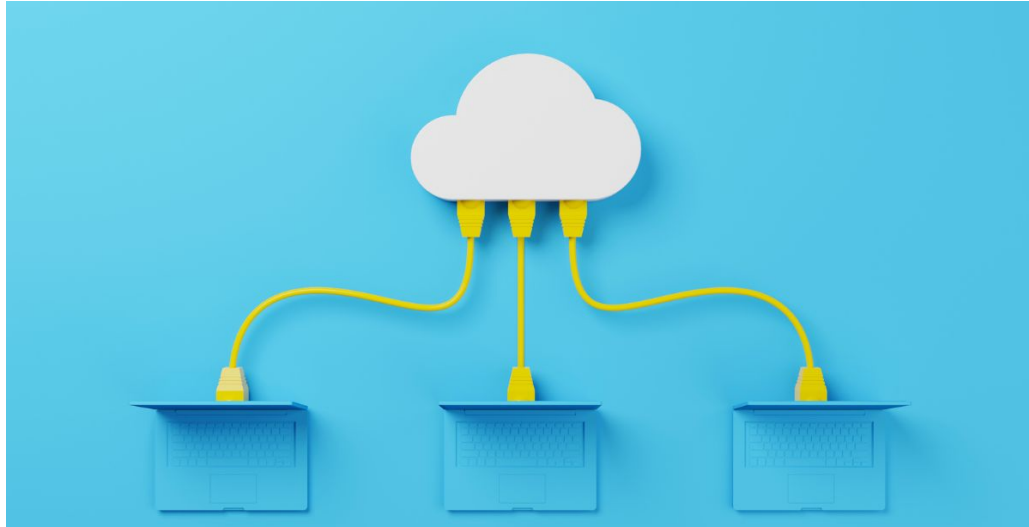
# **Demo!**

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# Linux Server

- Cloud Hosted Linux server
- No need for hardware
- Accessible from anywhere with a internet connection
- Use encryption keys



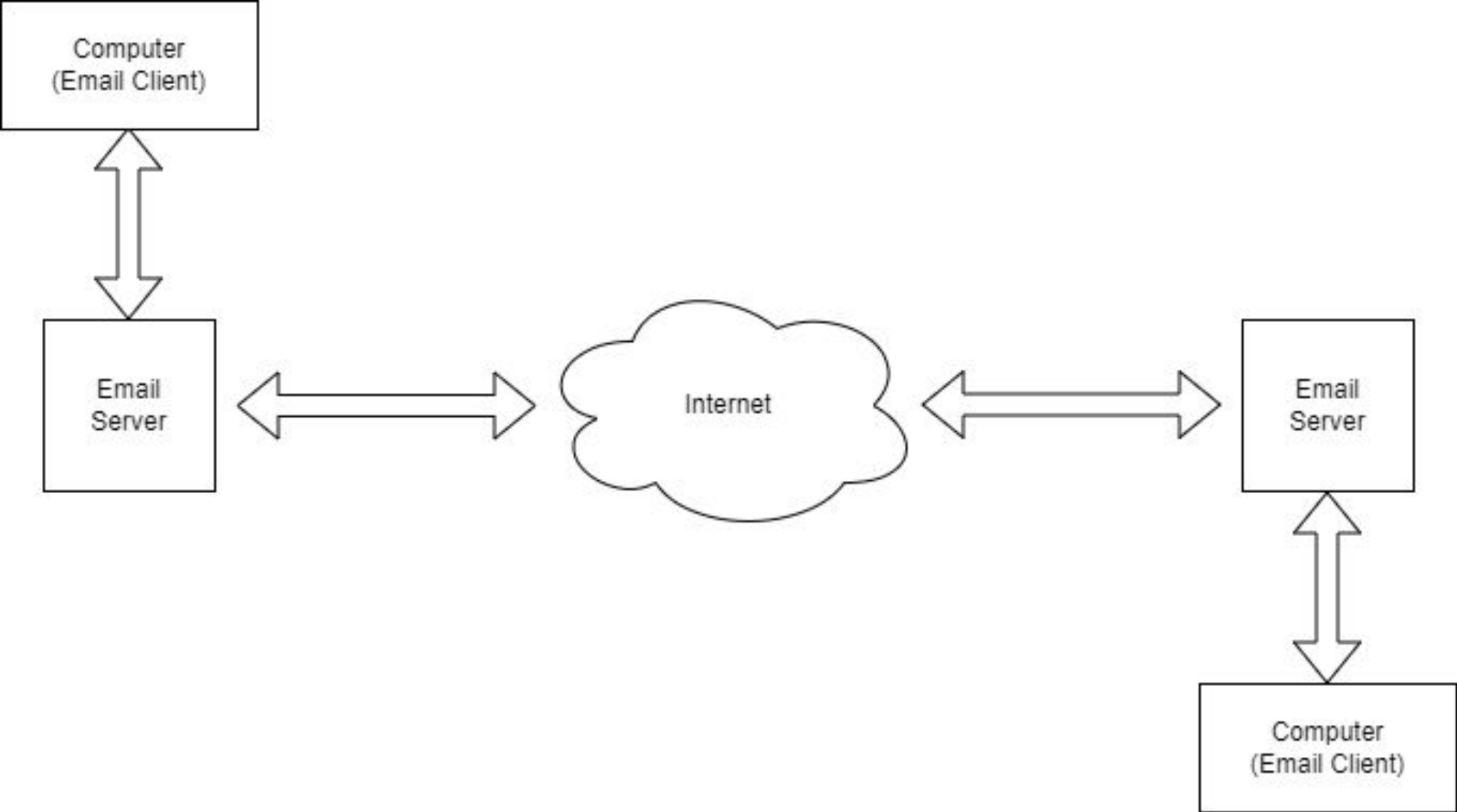


# Thunderbird Email Client

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- Software for accessing and managing email
- One space for managing and viewing emails and different accounts
- Choose between POP3 or IMAP





# **Demo!**

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# Resources & Thanks

- Links to our Github Organization and LinkedIn profiles are in the chat
- Thanks to Ethan Denny for providing clarity in the ambiguity.



# **Questions?**

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