

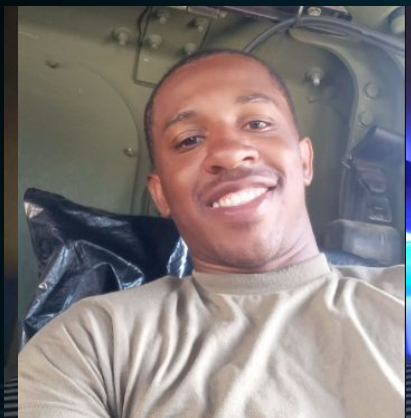


Agenda

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

Team DataVerse

Robert Gillespie



David Siebert

Gerald Rietmeyer

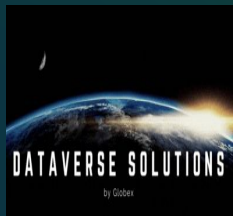


David Prutch



Robert Gillespie

Current Army National Guards
Member. Chose Code Fellows to build
a strong foundation towards a
fulfilling and challenging career
within Cybersecurity.



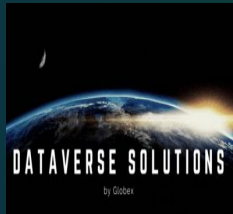
David Siebert

US Army retired. Previous Finance & Healthcare Licensed careers. Enrolled @ Code Fellows for my educational interests & future career rewards.



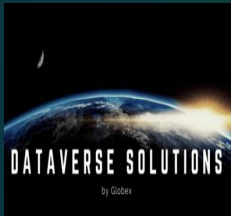
Gerald Rietmeyer

Worked in retail and landscaping before taking Code Fellows. Had a interest in cyber security since high school.



David Prutch

US Navy Veteran. Previous Software QA Manager. Chose Cyber Security Engineering to increase my tech skills and provide greater future career possibilities.



SunFlow

- Develops smart IOT home devices, powered by solar energy.

Products:

- Smart thermostats
- Security cameras
- Lighting systems

Device Control Parameters:

- Mobile app
- Reducing energy consumption
- Maximizing efficiency



Solutions

AWS VPC with EC2 Win Serv 2019 instance - DavidS

VPN Connection from AWS VPC to pfSense - ROB

- a. include port mirroring on AWS side of connection

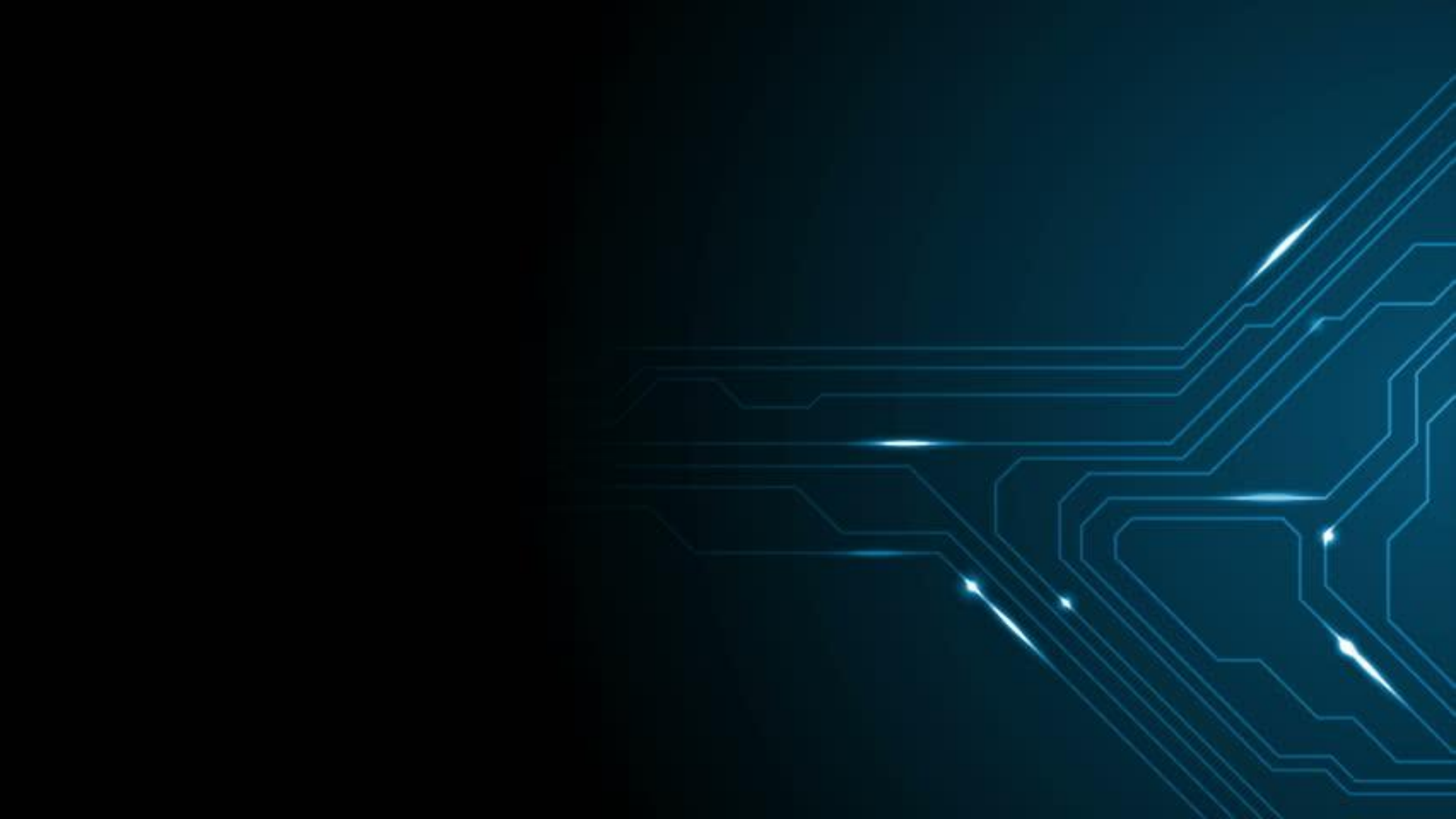
Win 10 login using AD - Gerald

- a. Shared server

Active Directory and DNS in Win Serv - DaveP

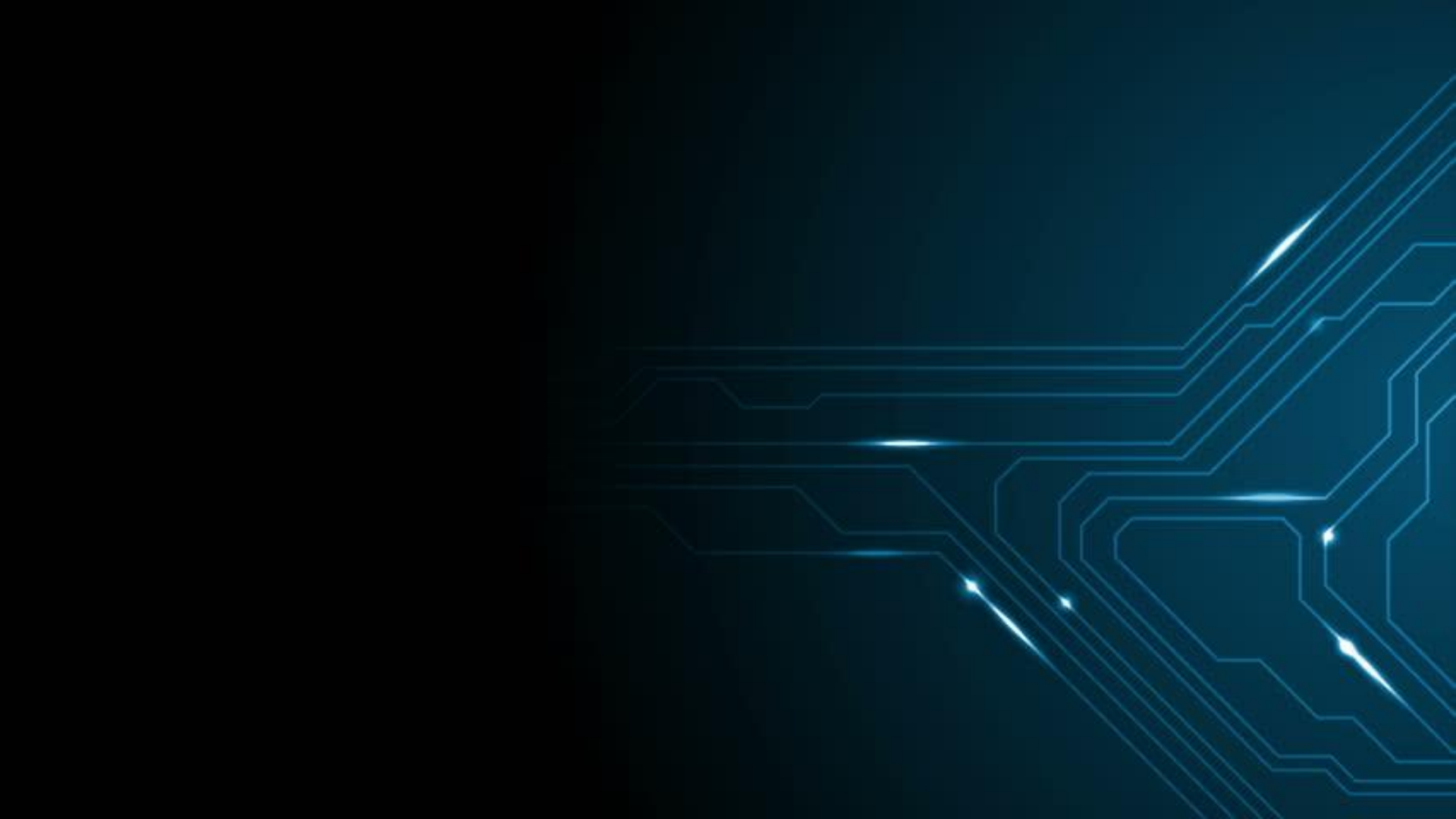
Automation - DaveP

AWS VPC with EC2 Win Serv 2019 instance - DavidS stores a server for globex. So
additional acquisitions. Vpn connects to sunflow offices



VPN Connection from AWS VPC to pfSense - ROB

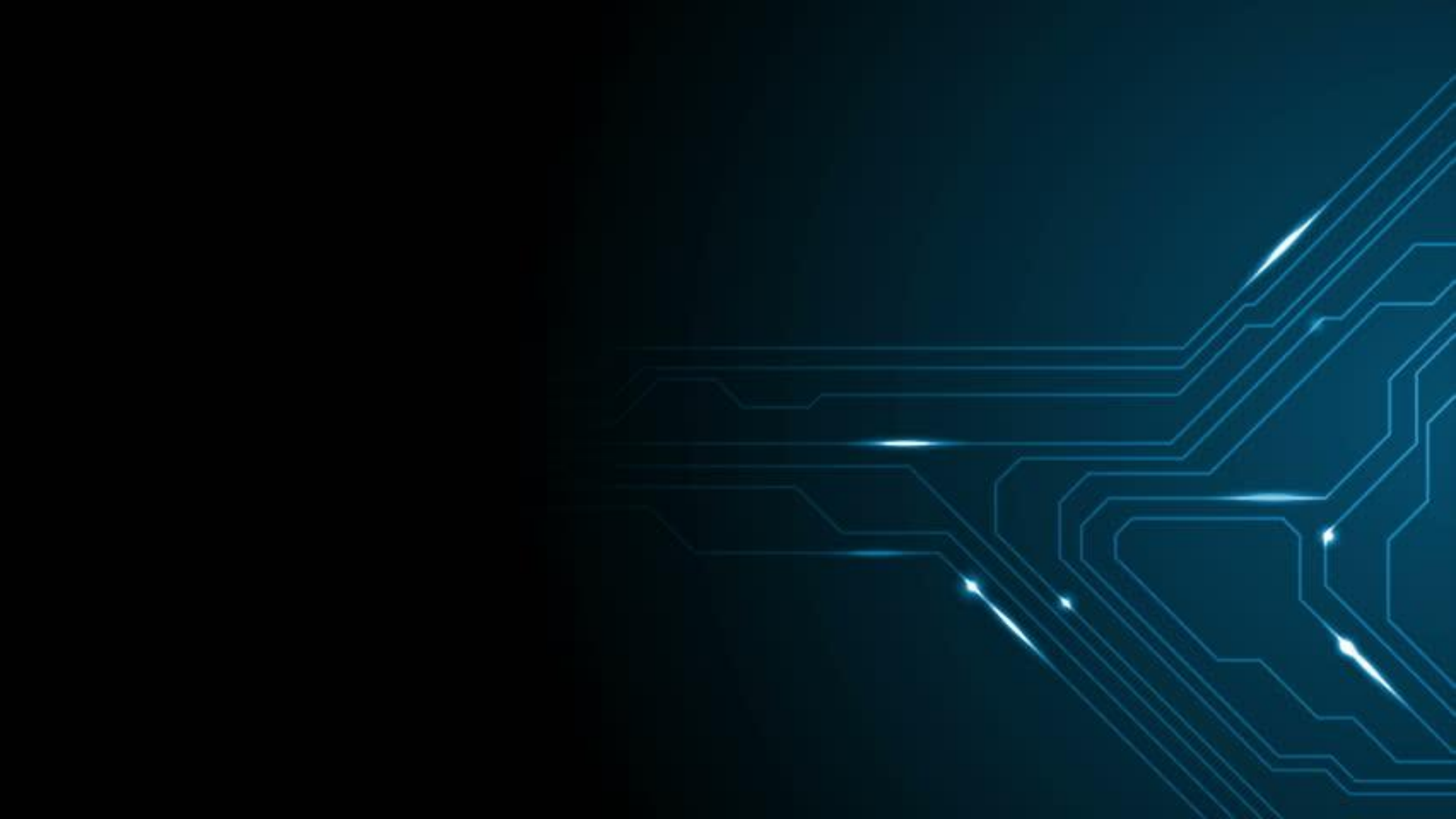
- a. include port mirroring on AWS side of connection
-



Logging into a Domain

- Domain

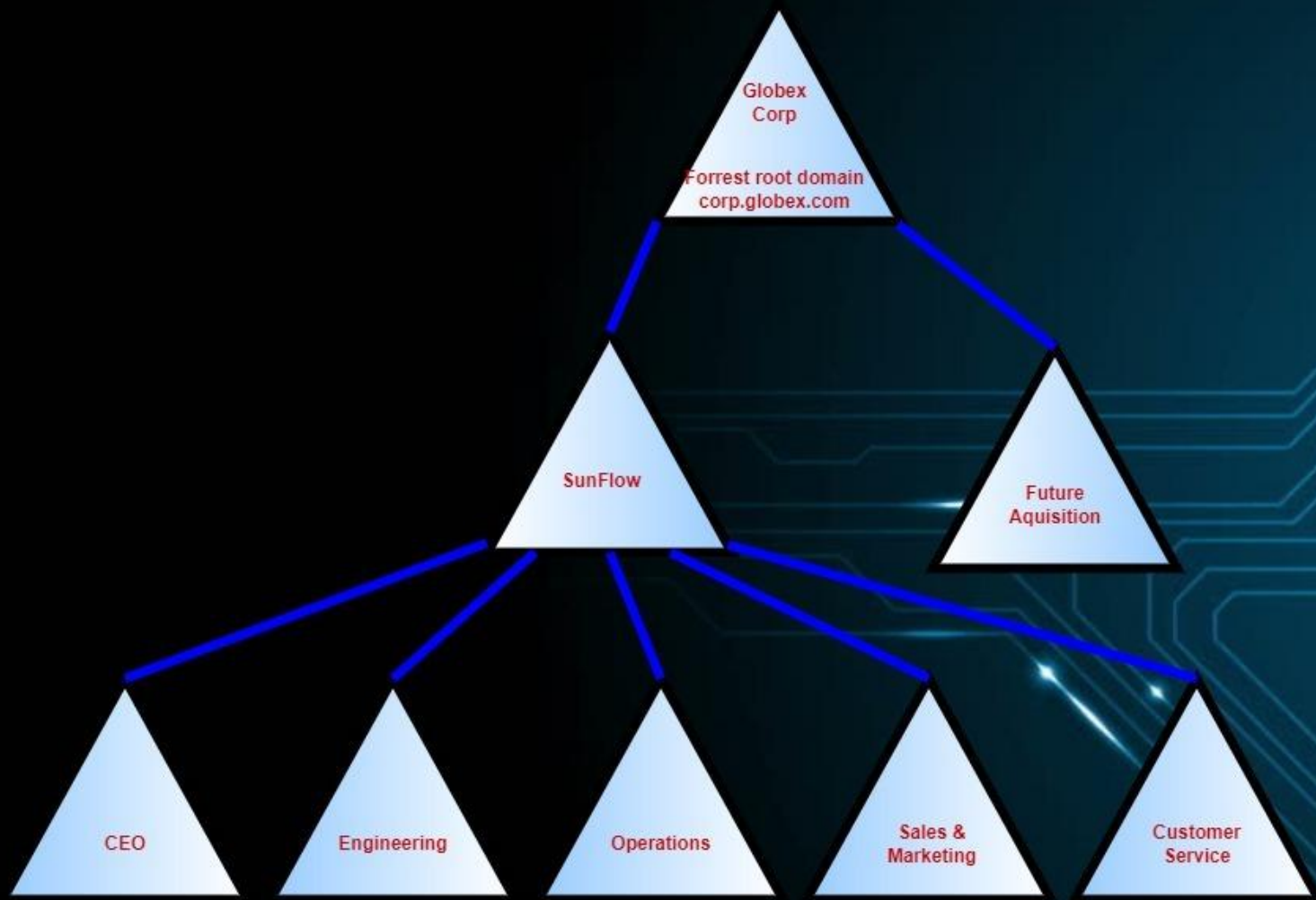
- text



Active Directory and DNS in Win Serv - DaveP

Automation - DaveP

An abstract graphic on the right side of the slide, consisting of glowing blue lines that resemble a circuit board or data pathways. The lines are layered and create a sense of depth and movement, starting from the bottom right and extending towards the top left.



To our Incredible instructors, TAs, and fellow students:

Thank you for making this learning journey unforgettable.

Your support and dedication have made all the difference.

Questions?



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