

Cloud Native is easy 😍
Integration is hard 😞

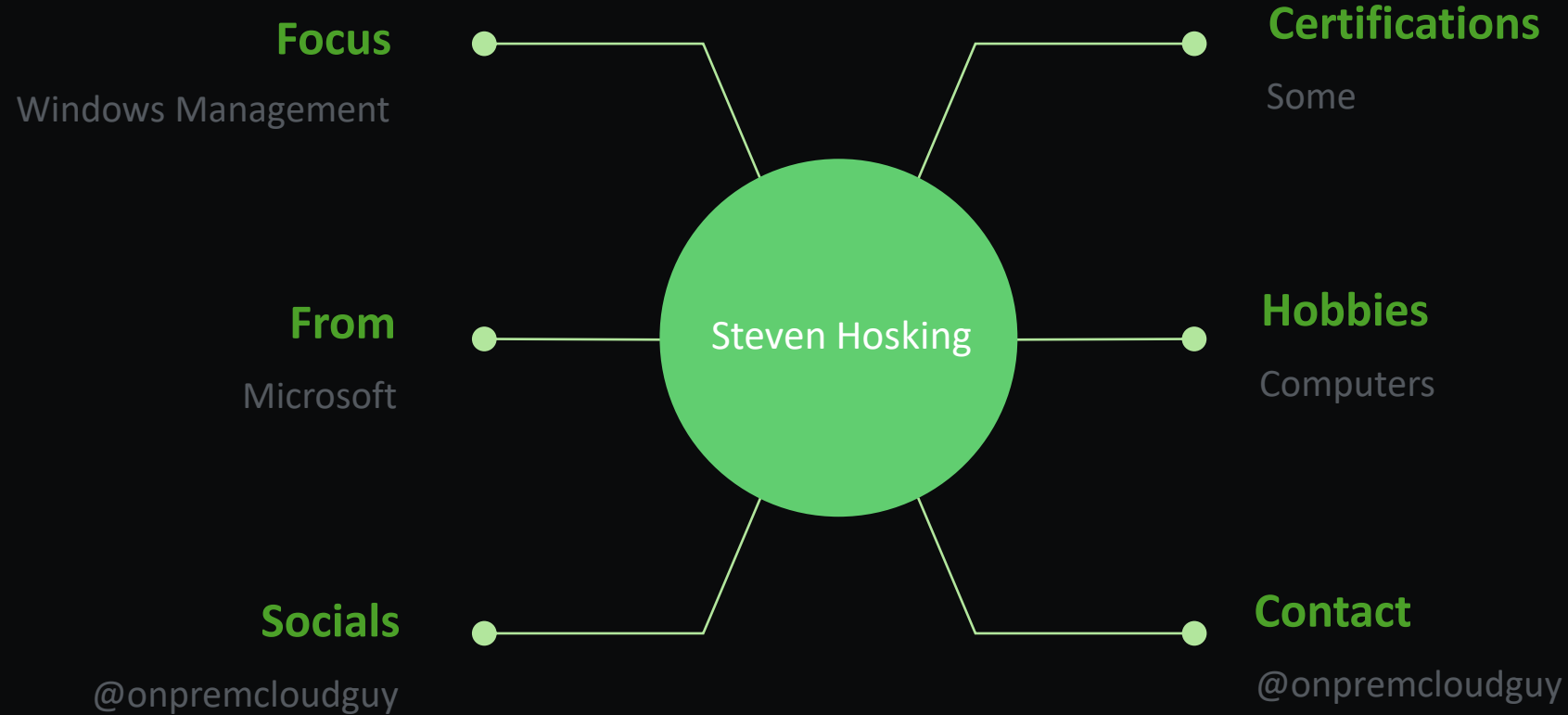






About You

wpninjas.au





Level Setting

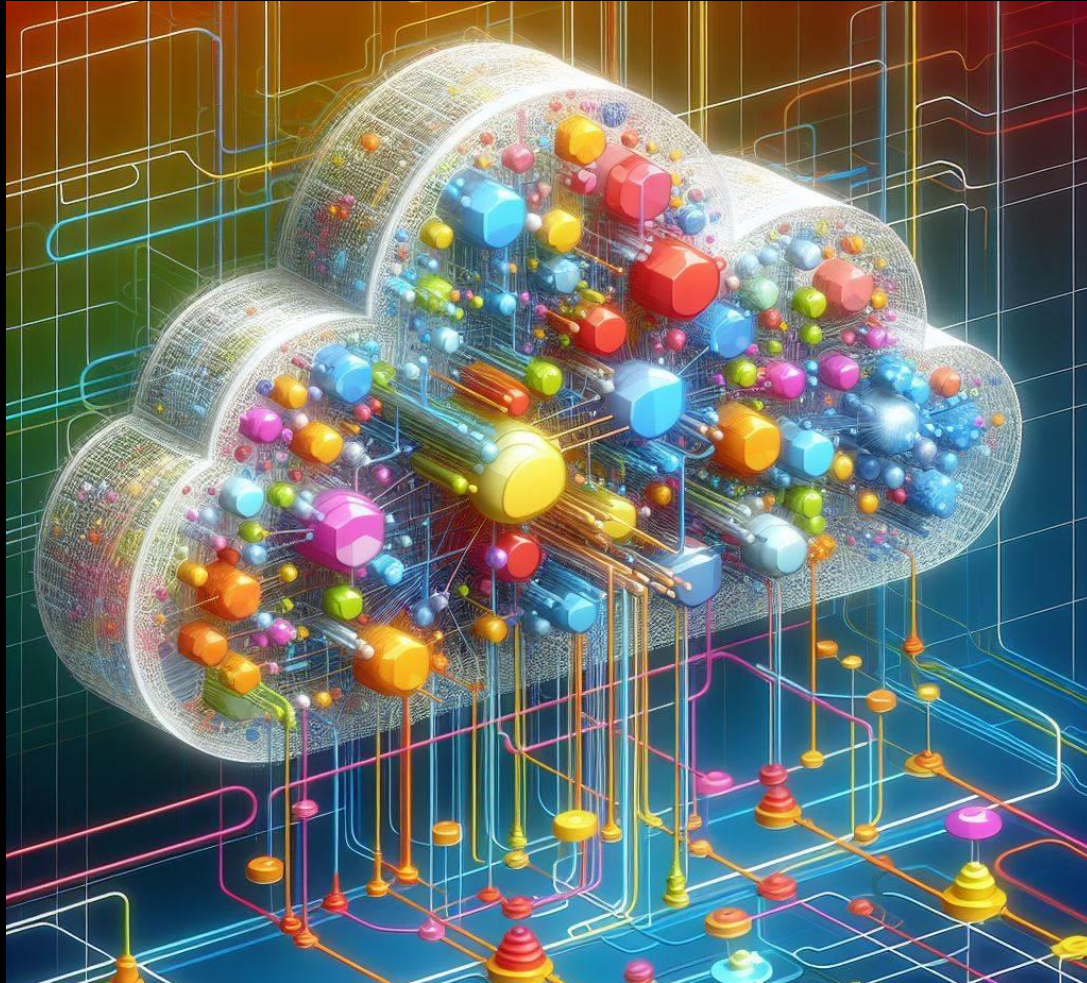
- This is a Level 200 session with NO demos
- Please ask questions and interrupt me!

Problem statement

“My focus has been managing my existing fleet and now I’m being asked to move to the cloud, where do I start?”



What does it mean to move to the Cloud?



- Cloud Native is a destination
 - Entra Joined
 - Intune managed
 - Updates via Windows Autopatch
 - Accessing Corporate data securely from anywhere

Common pain points

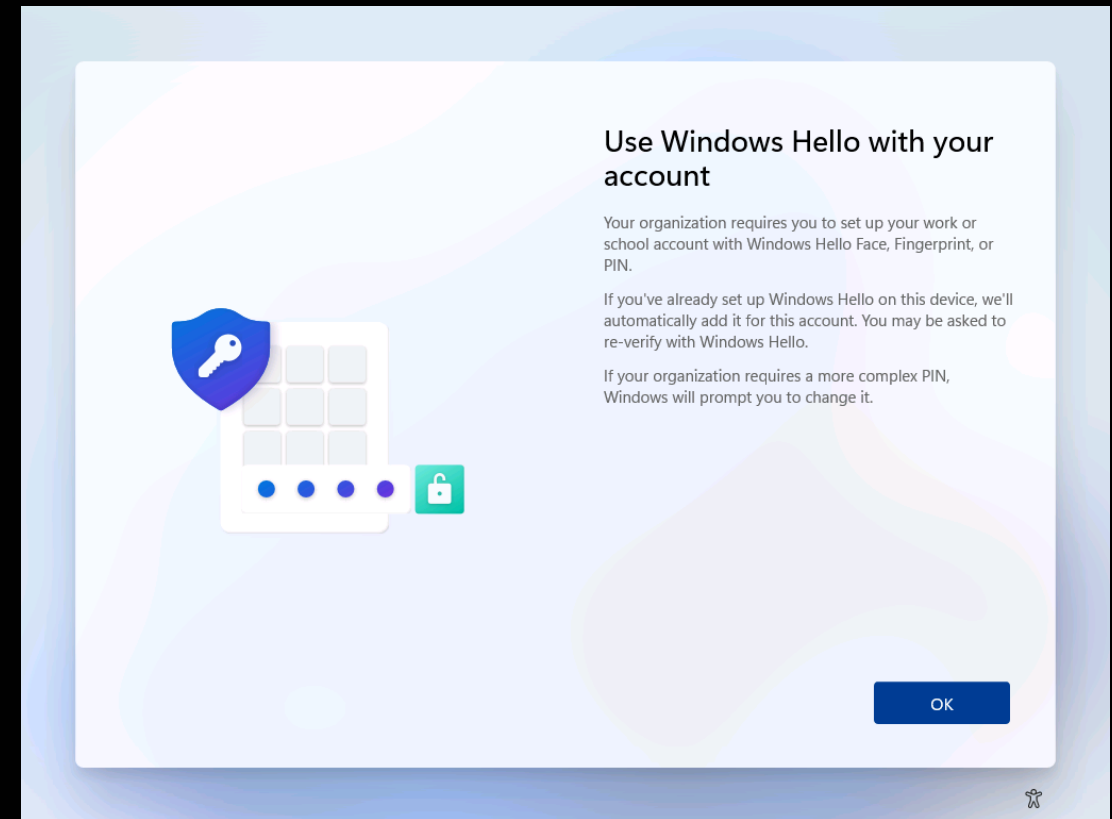
- User Authentication
- Policies
- Networking
- Applications
- Politics
- Budget



User Authentication

Windows Hello for Business (WHfB)

- On by default in Windows 10+
- Windows Hello for Business
 - Cloud Trust
 - Key Trust
 - Cert trust (is not Sync Next Gen Creds)
- 3 options
 - Disable WHfB
 - Don't use On-Prem services
 - Setup Cloud Trust



Elephant in the room, EntraID joined

Existing devices

- Upgrade in place to Windows 11
- Your existing management platform works right?
- Don't rebuild for the sake of rebuilding

New Devices

- Policies from Intune
 - Optional Co-Management
- Built with the latest version of Windows
- Use EntraID Joined

Question

What do you grant permissions to?
The device or the user?

Trust but verify



- Windows 11 secure by default
- Device Hardening
- Compliance Policies
- Conditional Access

Moving Policies

Methods for review



- Group Policy analytics
- Manual
- Or just Don't and start over
 - Moving settings when needed.

Intune Policies on Hybrid Joined

“Just because you’ve always used GPO on domain joined computers, it doesn’t mean you can’t transition them to Intune policies to expediate your Cloud Native journey.”

Group Policy Preferences

- Great feature, right?
- Intune doesn't have the functionality
 - PowerShell to create reg keys in user context
 - Include the config with the app
 - ActiveSetup?
 - More groups....



Networking

VPN

- Traditionally VPN's are set to use Device Based Auth
 - Needed to get GPO before sign in
 - Needed to have line of sight to DC
- Does the existing solution support switching to User Based Auth?
- Do you need VPN?
- Split Tunnelling is your friend

Corporate network

- Zero Trust makes life easier
- Delivery Optimization rules!
- WiFi auth is traditionally device based
- Guest network is great
- Why do you need corporate network access from your desk?

Applications

Applications for Cloud Native

- Co-management is your friend
- Both cloud native, and Hybrid joined computers can be Co-Managed
- Move to Intune on change, AKA all new application packaging is into Intune from xyz date.
- Subscribe to a 3rd party patching solution for common apps
- Build a concise framework for your organization

Politics

- Yes, they will exist
- Work with your leadership to set expectations
- Need help? Microsoft is here to help you.

Budget

- Do as much in BAU as you can
 - Hands on experience learning as building
 - Invest in user education
 - Understand your stakeholders
 - Review and transform business processes
 - Leverage existing tooling to automate tasks
- Identify transformational projects early
 - Network changes take time
 - Keep It Simple Silly (KISS method)

Take aways

- You don't need to do it all at once
- It doesn't need to be a huge monolithic project
- Run a POC today to understand the gaps with your environment
 - Create plans on how to address them
- Just because it has always been done one way doesn't mean it should always be done that way



Thank You

