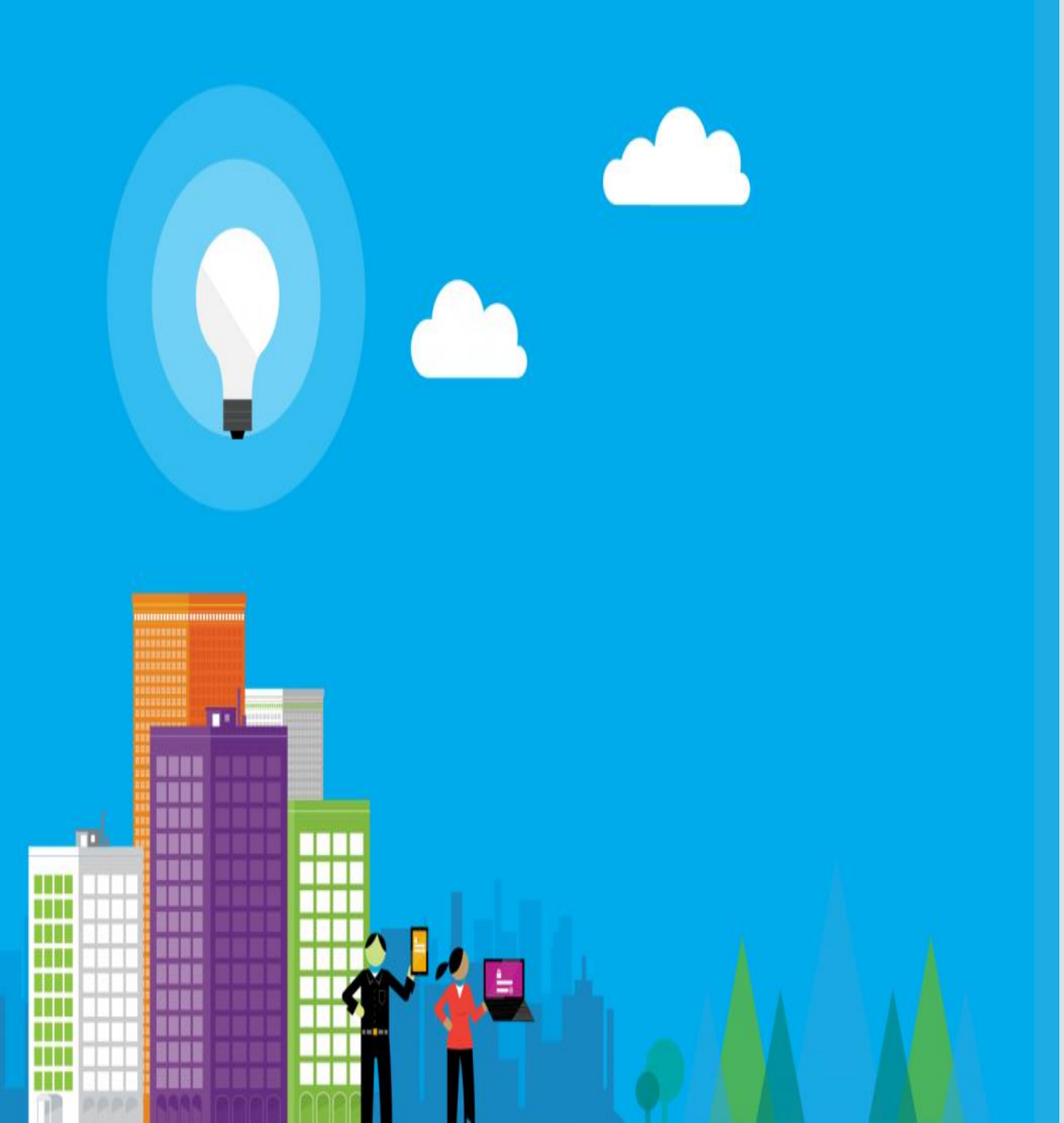


Cloud, Cloud Security and AZ 900

DEV JOS

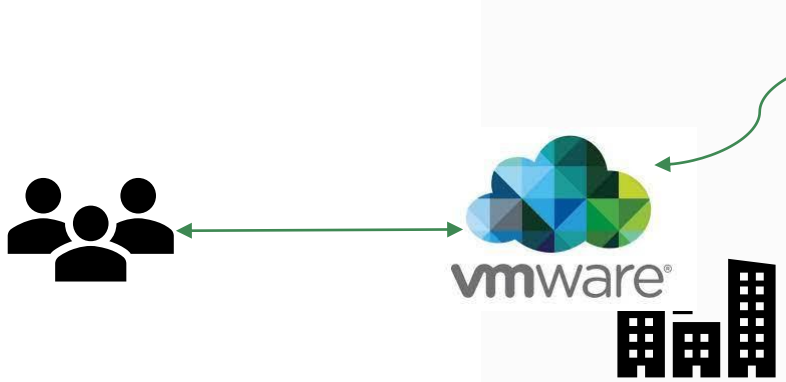
19-MAR-2023

Agenda

- Introduction
- Change in IT Landscape
- Cloud Models
- Risk of Public Cloud
- Reduce Risks
- Where to Start
- New Cloud Skills to acquire
- Questions and Closing

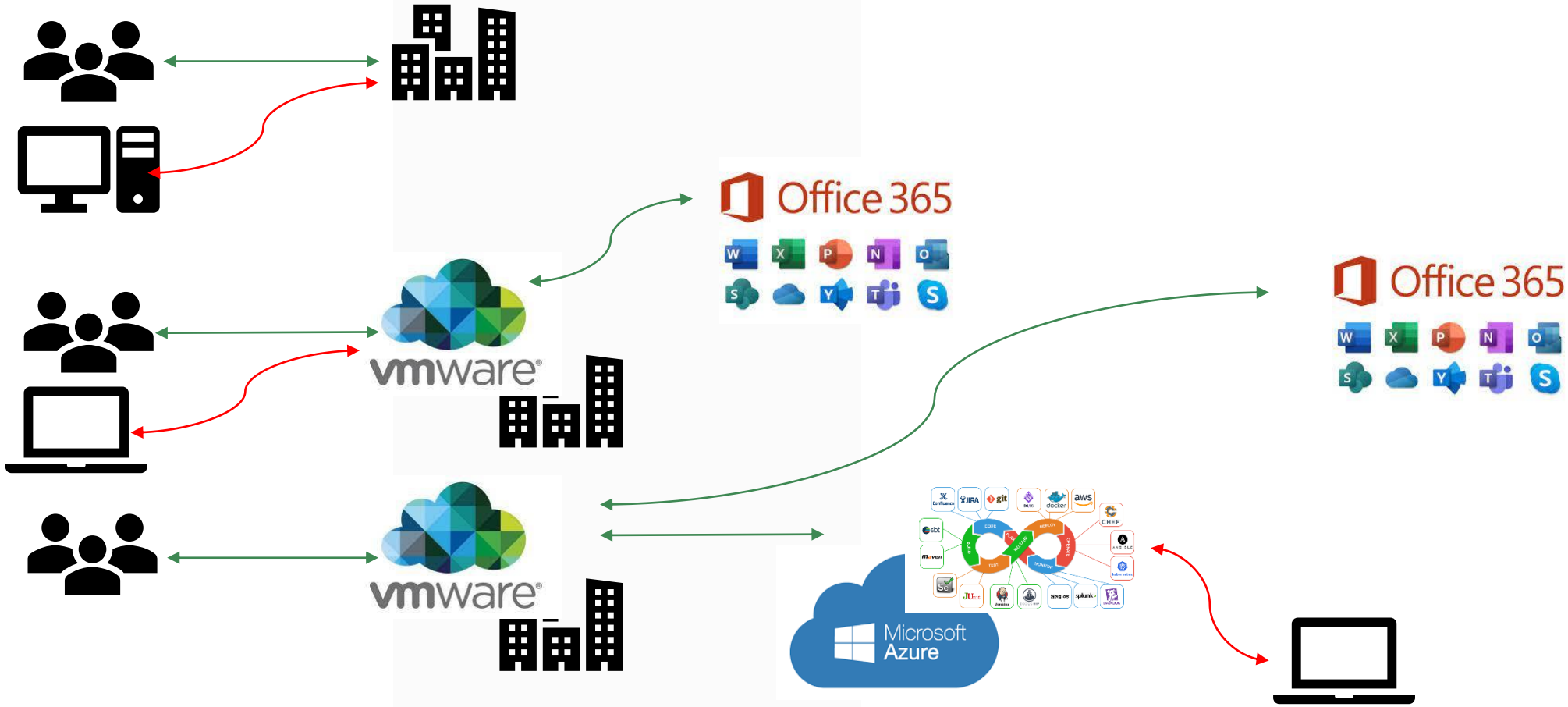
IT Models are constantly changing

- Pre 2010
- 2015
- 2020



End user computing Models are constantly changing

- Pre 2010
- 2015
- 2020



Cloud Models

- SaaS
- PaaS
- IaaS

Risk of Public Cloud

- Data at third party
- Multi tenancy
- Access from public internet
- Ever growing cyber threats

Reduce Risks

- Authentication/Authorization
- Multifactor authentication
- Encryption
- Network Segmentation
- Firewalling
- Application control
- EDR/Antivirus
- Data backups
- Zero Trust

Crawl-Walk-Run

Start somewhere !

Why learning Ethical hacking is not the right approach

Where to Start

- Azure fundamentals - AZ 900 - https://docs.microsoft.com/en-us/learn/certifications/azure-fundamentals/
- Security, Compliance, and Identity Fundamentals –SC 900 - https://docs.microsoft.com/en-us/learn/certifications/security-compliance-and-identity-fundamentals/

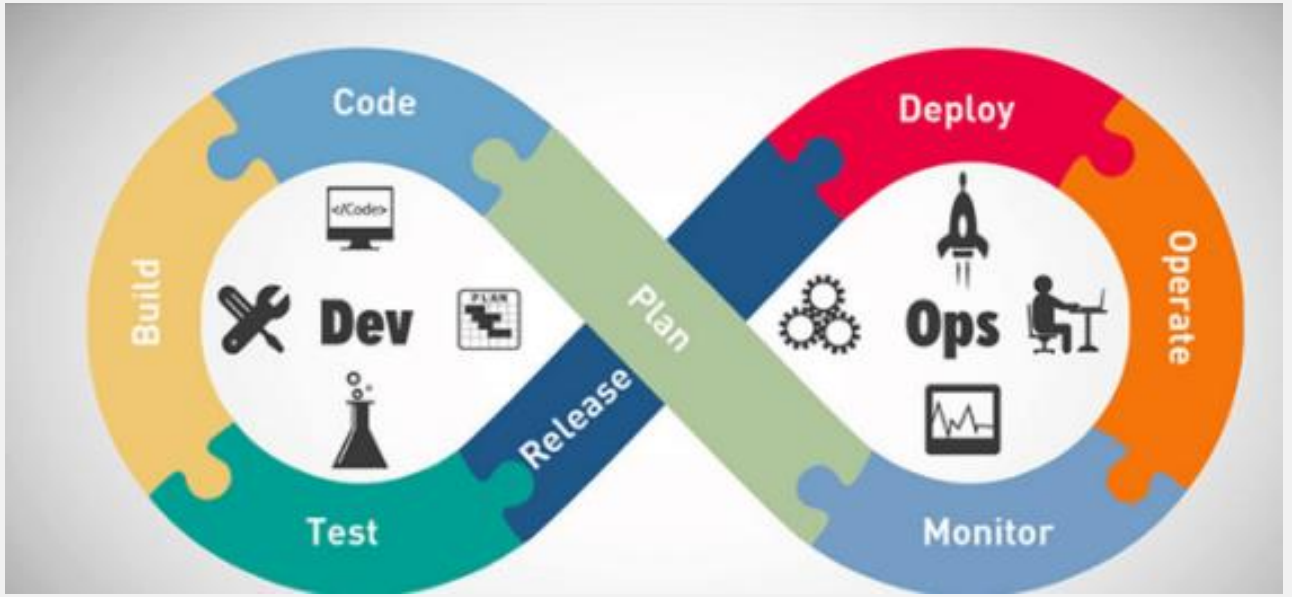
Azure Fundamentals

- Good documentation
- Easy to setup account
- Free course material
- Also additional YouTube videos

Path forward

- Git
- Terraform
- DevOps – For application developers
- Monitoring Tools

DevOps


Code
Deploy
Build
Operate
Dev
Ops
Plan
Release
Test
Monitor

Wrap Up

Thank you

QUESTIONS?