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# CLOUD SURVIVAL GUIDE FOR TRADITIONAL ADMINS

Vladimir Stefanovic

Cloud Solution Architect & Microsoft Azure MVP

Cognizant/KPN



EUROPEAN COLLABORATION SUMMIT



EUROPEAN CLOUD SUMMIT

29<sup>TH</sup> NOVEMBER – 1<sup>ST</sup> DECEMBER 2021



# ♥ DIAMOND AND PLATINUM SPONSORS ♥



# Who am I



```
vladimir@Azure:~$ az speaker show -output json
{
  "trainerName": "Vladimir Stefanovic",
  "location": {
    "city": "Amsterdam",
    "country": "Netherlands"
  },
  "titles": [
    "Microsoft Azure MVP",
    "Microsoft Certified Trainer (Regional Lead)",
  ],
  "position": "Senior Cloud Architect @Cognizant/KPN",
  "community": "Azure Serbia UG, AzureSaturday.rs",
  "twitter": "@wladinho31"
}
```



# Agenda - Three pillars of the successful transition



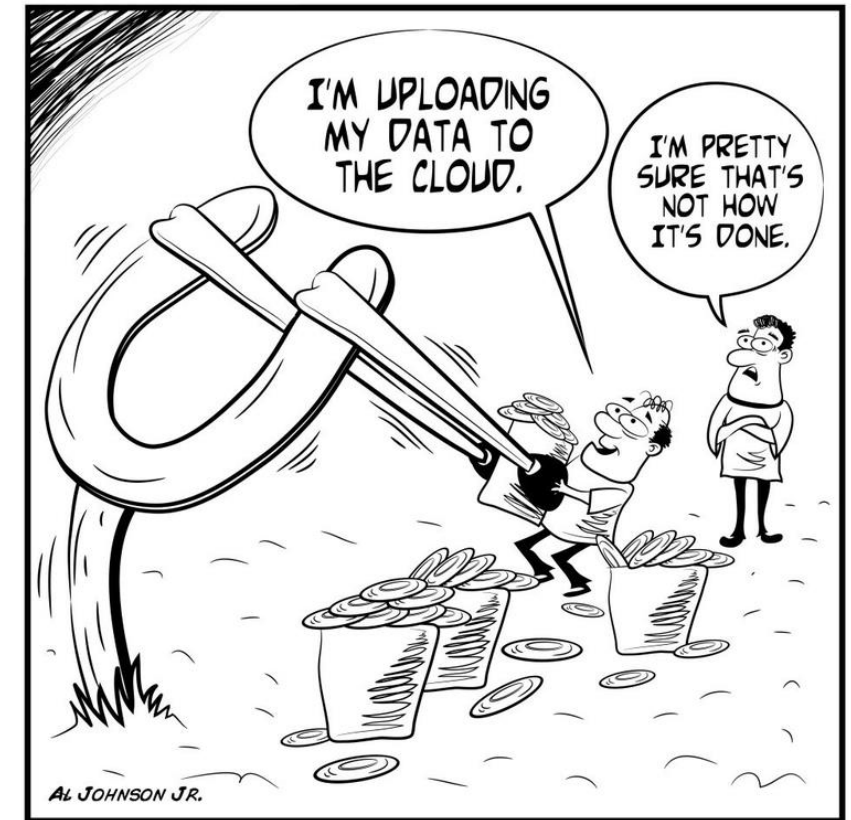


MINDSET



# What is the cloud (admin) mindset?

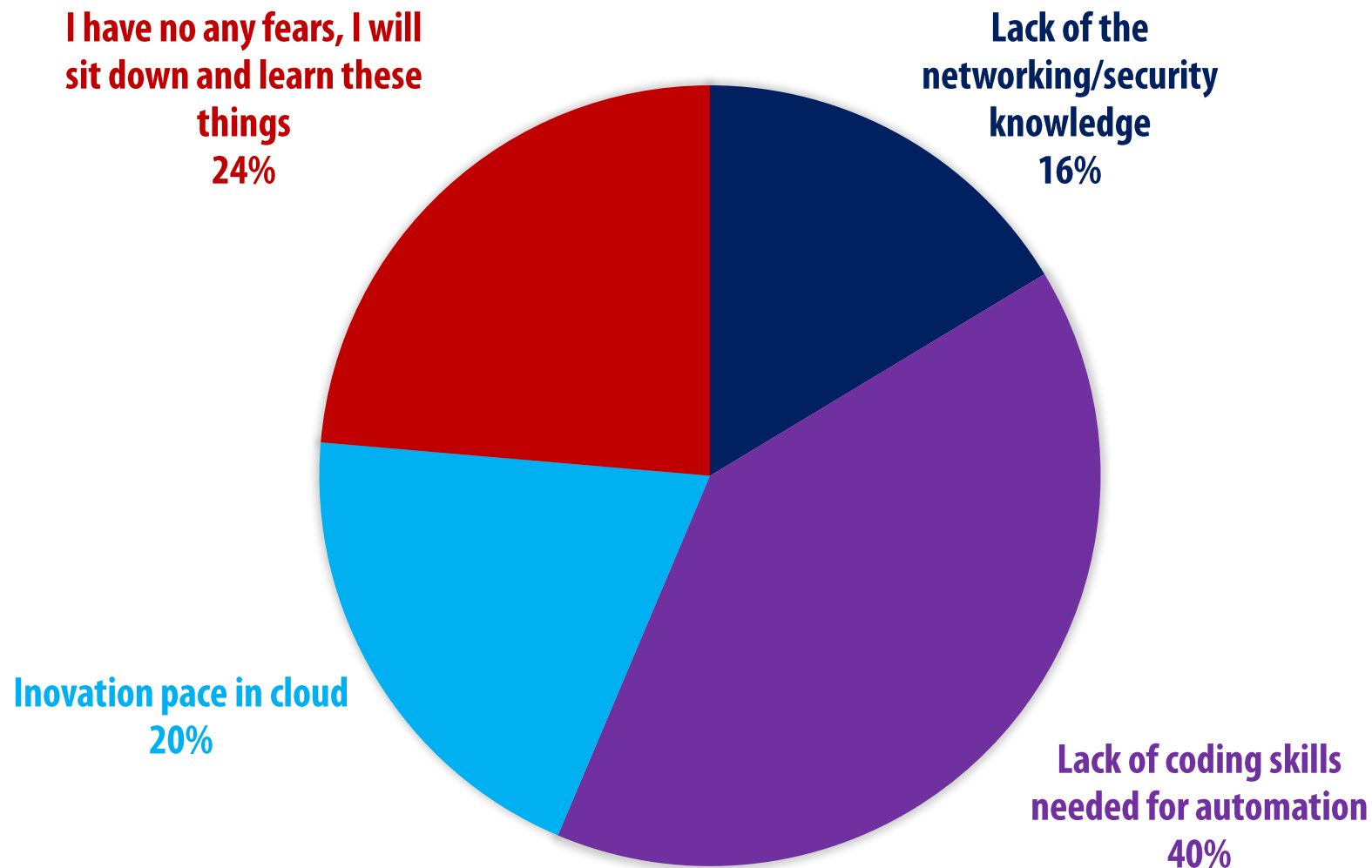
- Usage vs. Provisioning
- Pay-per-use
- On-demand scaling up & down
- Infrastructure-as-Code
- Working closely with the business
- Focusing on product
- Security by default







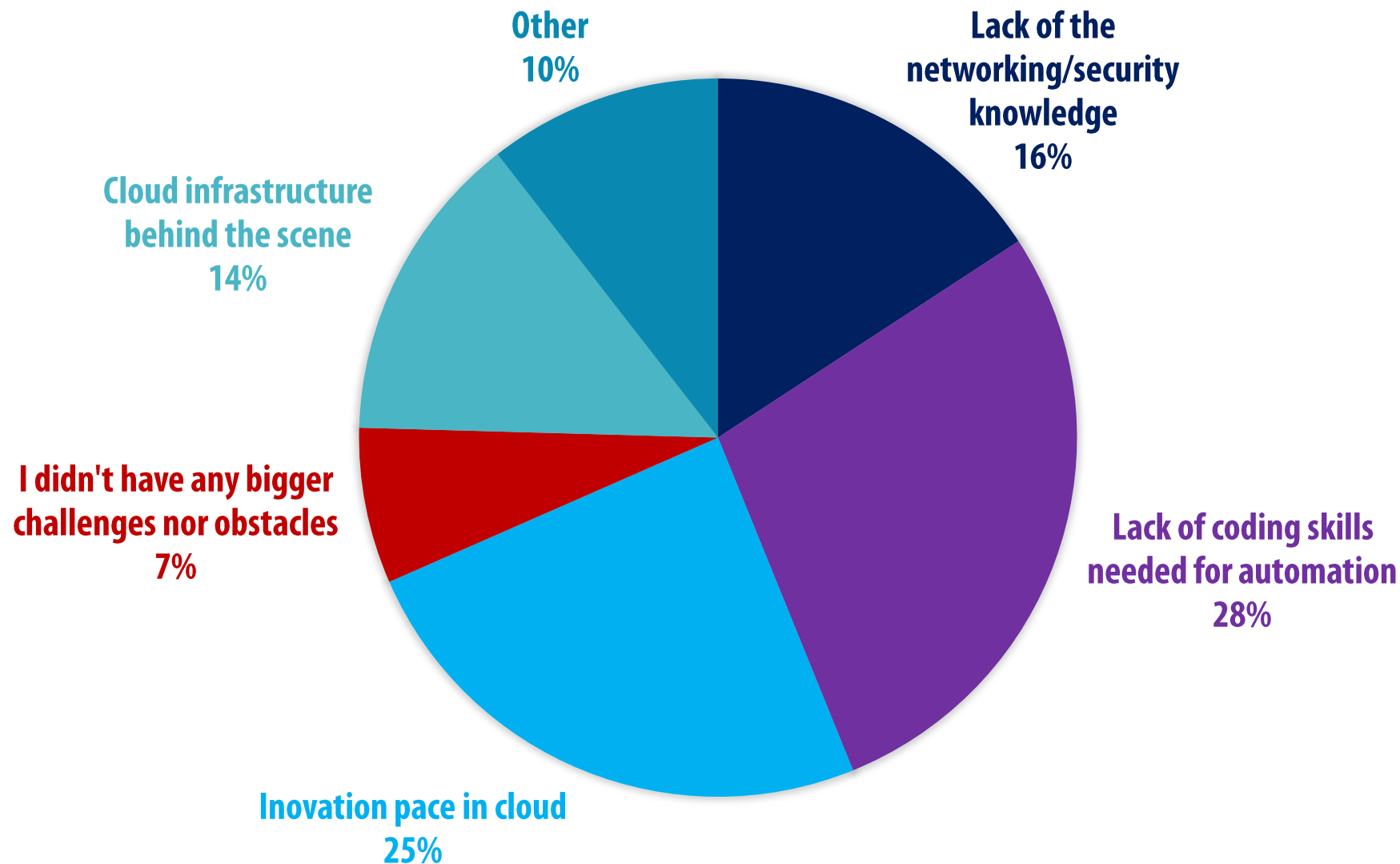
# The biggest fears of transition to the cloud







# A biggest challenges during transition process





SKILLS





# Skills required for cloud administration (phase 1)

- Compute and virtualization
  - *VM options and sizes, disks, management, VMSS...*
- Deep understanding of (virtual) networks and related services
  - *Virtual Networks, Inter-networks connectivity...*
- Storage options and features understanding
  - *Blob, Files, Tiers...*
- Automation, automation, automation ...
  - *ARM, Bicep, PowerShell, CLI, Terraform...*
- Understanding of Platform-as-a-Service
  - *App Service, Azure SQL ...*



# Skills required for cloud administration (phase 2+)

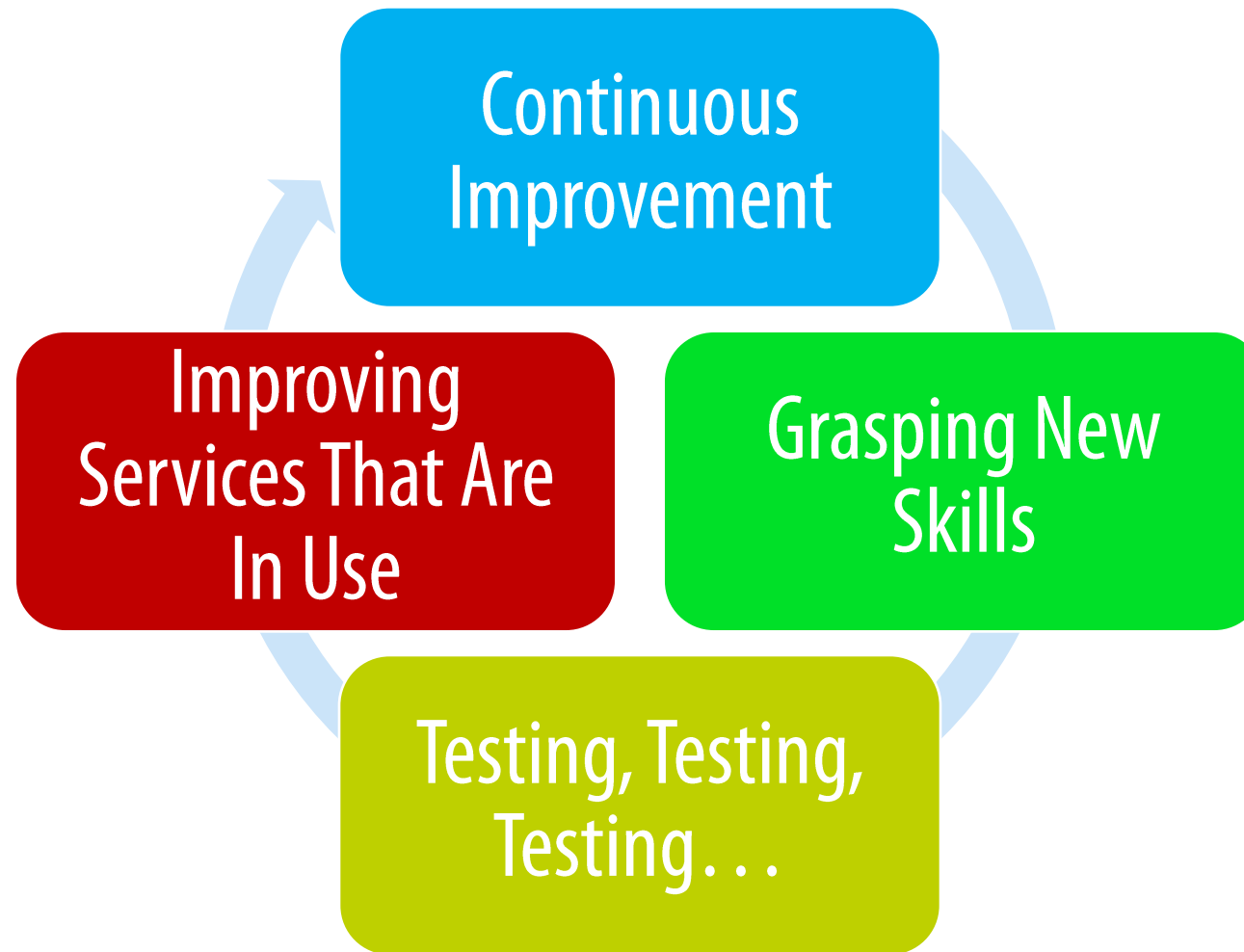
- Security and Governance
- Advanced Networking
- Containerization
- DevOps
- ... and many more ...



WAY TO-GO



# What are the steps I should take?





# Avoid to use ...

- Azure Kubernetes Service (containers) at the beginning of your cloud career
- DevOps because that is cool, or your company wants to be DevOps from tomorrow
- Azure Portal to create a bunch of resources; You will spend a lot of time
- Lift and shift migrations if that is possible
- Services with which you are not familiar





thank you



questions?



WLADINH031



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