ARE YOU READY FOR AZURE JOURNEY?

WELCOME TO AZUG SERBIA

- First Serbian Azure (Cloud) user group

SPEAKER

- Vladimir Stefanović

- System Engineer @Superadmins

- Techical Trainer @ATC

- MCSA, MCSE, MCT, IAMCT Regional Lead, Speaker

- stefanovic.vladimir@hotmail.com

- www.tech-trainer.info

AZURE, WHAT'S THAT?

TURN YOUR IDEAS INTO SOLUTIONS FASTER USING A TRUSTED CLOUD THAT IS DESIGNED FOR YOU. AZURE. CLOUD FOR ALL.
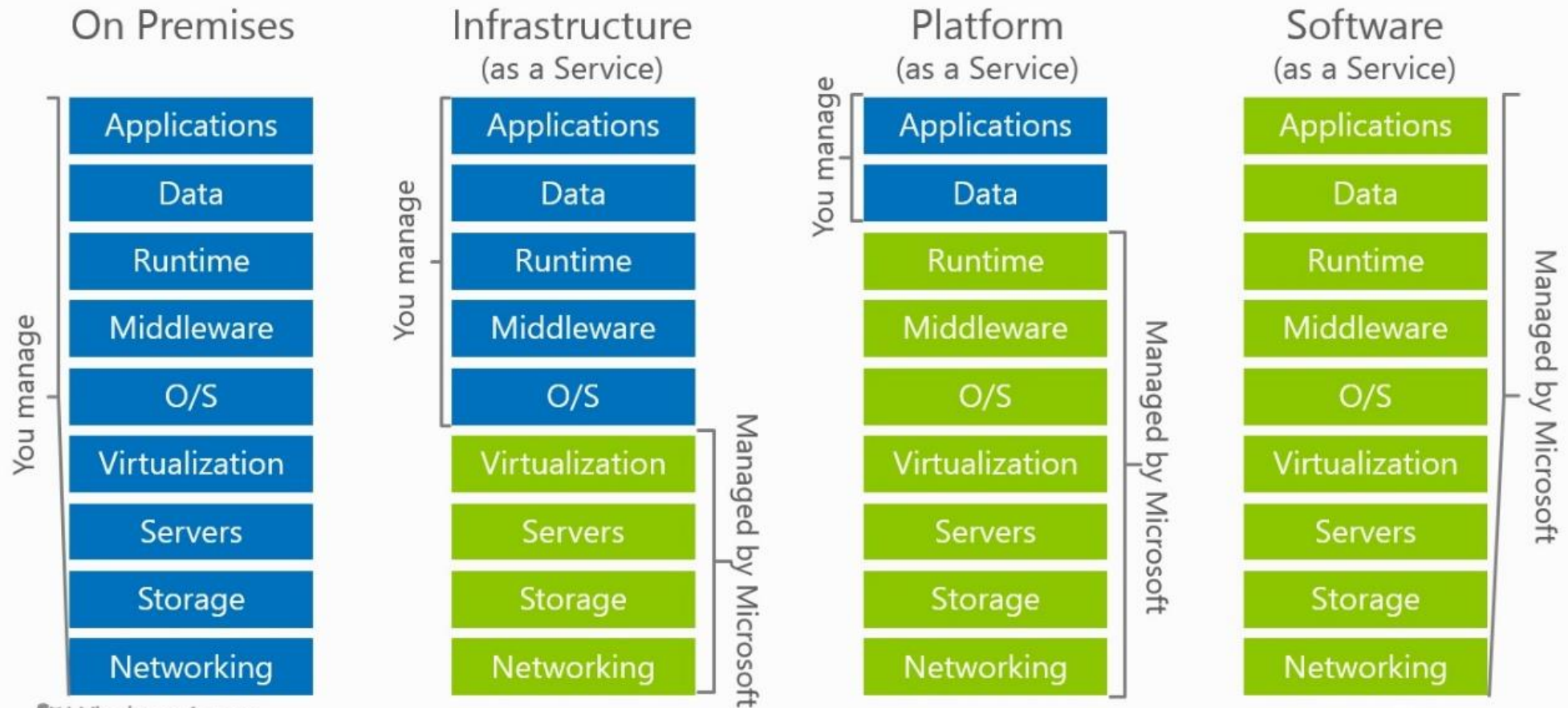
CLOUD PRINCIPLES

Cloud computing

- On-demand self-service
- Broad network access
- Resource pooling
- Rapid elasticity
- Measured service

CLOUD PRINCIPLES

AZURE DATACENTERS

- Global presence - Managed by Microsoft

- Modular architecture:
  - *Clusters of thousands of servers in pluggable units*
  - *Full power redundancy and contingency*
  - *High-speed, redundant intra-datacenter networks*
  - *High-speed inter-datacenter and Internet connectivity*
  - *Triple-redundant data storage and geo-replication*

- Highly efficient power and water usage

- Distributed management service

- Paired with another Azure region in the same geographical are

AZURE SERVICE MODEL

- Azure is a pay-per-use, multitenant service

- Accounts:
  - *Billing and reporting functionality*
  - *Container of subscriptions*
  - *Managed by the Account Administrator*
  - *Accessible via the Account portal*

- Subscriptions:
  - *Billing and administrative boundary*
  - *Container of resources (subject to quotas)*
  - *Managed by the Service Administrator and Co-Administrators, and via delegation through RBAC*
  - *Accessible via the Azure portal*

AZURE SERVICE MODEL

- The purchase options are:
  - *Pay-As-You-Go*
  - *Microsoft reseller*
  - *Enterprise Agreement*
  - *Azure Hybrid Benefit*
  - *Azure Reserved VM Instances*
  - *MSDN, Partner, BizSpark*

- The support options are:
  - *Developer*
  - *Standard*
  - *Professional Direct*
  - *Premier*

- Azure pricing:
  - *Per-minute/per-second compute charges*
  - *Estimate available via Azure pricing calculator*

AZURE SERVICES

- Computer
  - *Virtual Machines*
  - *Virtual Machine Scale Sets*
  - *Containers*

- Networking
  - *Virtual Network*
  - *Azure DNS*
  - *Application Gateway*
  - *Traffic Manager*
  - *ExpressRoute*
  - *Load Balancer*

- Storage
  - *Disk Storage*
  - *Blob Storage*
  - *File Storage*
  - *Queue Storage*
  - *Table Storage*

- Web & Mobile
  - *Web Apps*
  - *Mobile Apps*
  - *Logic Apps*
  - *Content Delivery Network*

AZURE MANAGEMENT TOOLS

- Azure portal

- Azure PowerShell

- Azure CLI

- Cloud Shell

- Visual Studio

- Visual Studio Code

DEMO

LOTTERY - AZURE PASSES