Azure Dev Day
Start: 11 AM (EST)
Week of Jan 16th, 2023

Azure Dev Day

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Azure ❤️ Devs

Agenda (11:00 AM EST)

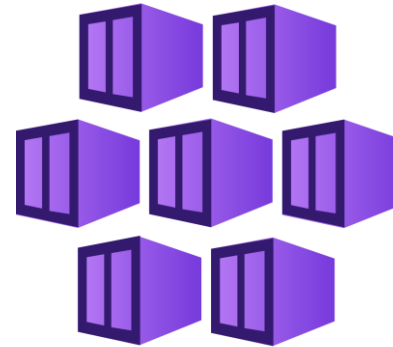|		
Day 1: 16 JAN		Azure introduction & fundamentals
		Web-based solutions (Presentation & Lab)
Day 2: 17 JAN		Serverless, event-driven solutions (Presentation & Lab)
Day 3: 19 JAN		Azure Kubernetes Services (Presentation & Lab)
Day 4: 20 JAN		DevOps for deploying solutions
		Kahoot Trivia – Microsoft SWAG

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Web-based
solutions
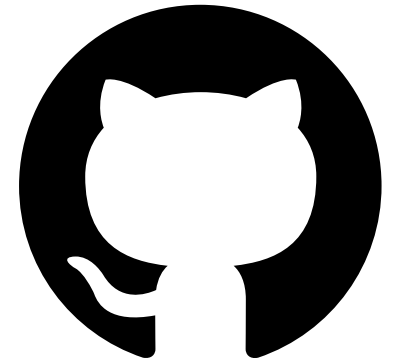
Serverless,
event-driven
solutions

Microservice
solutions

DevOps for
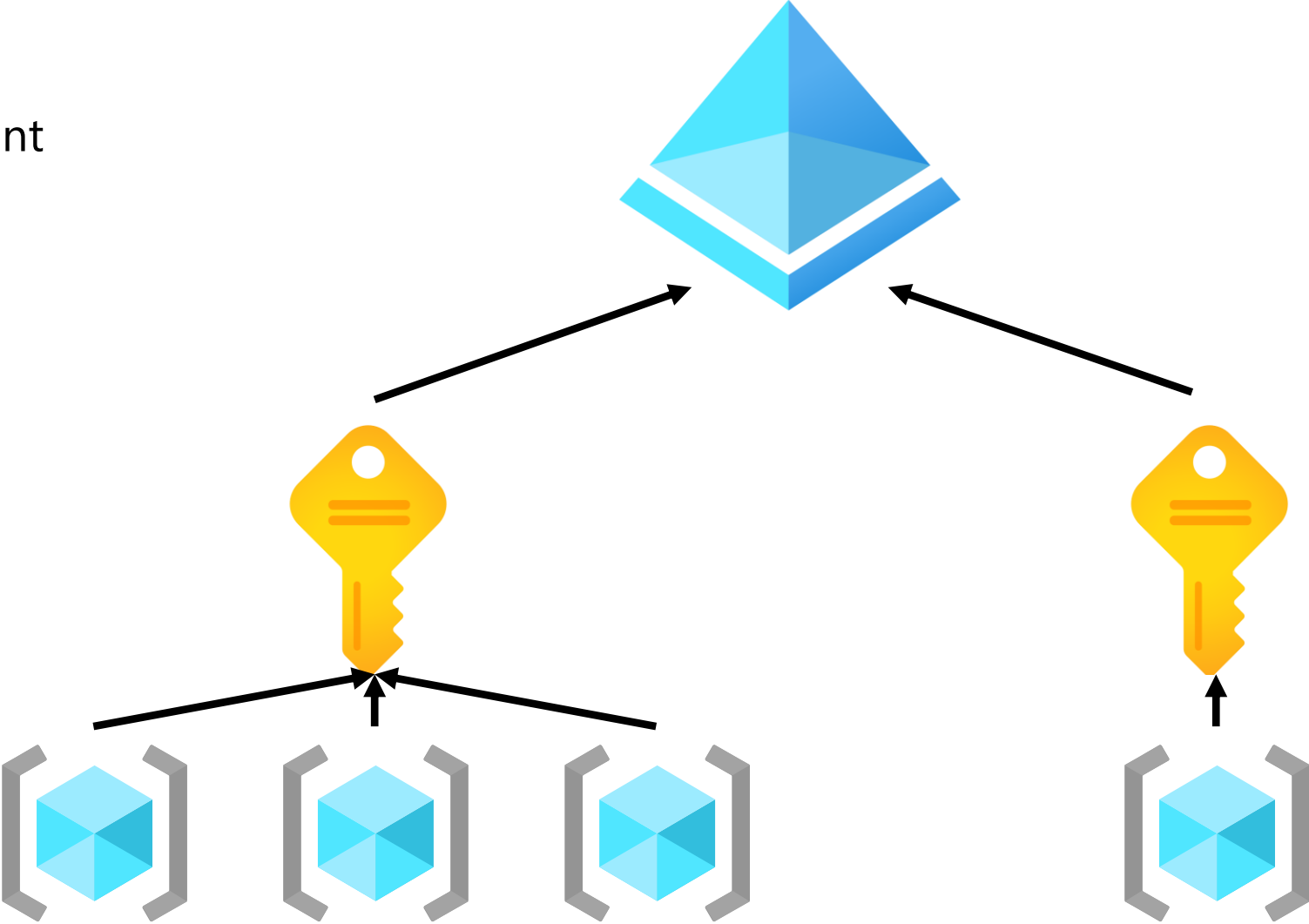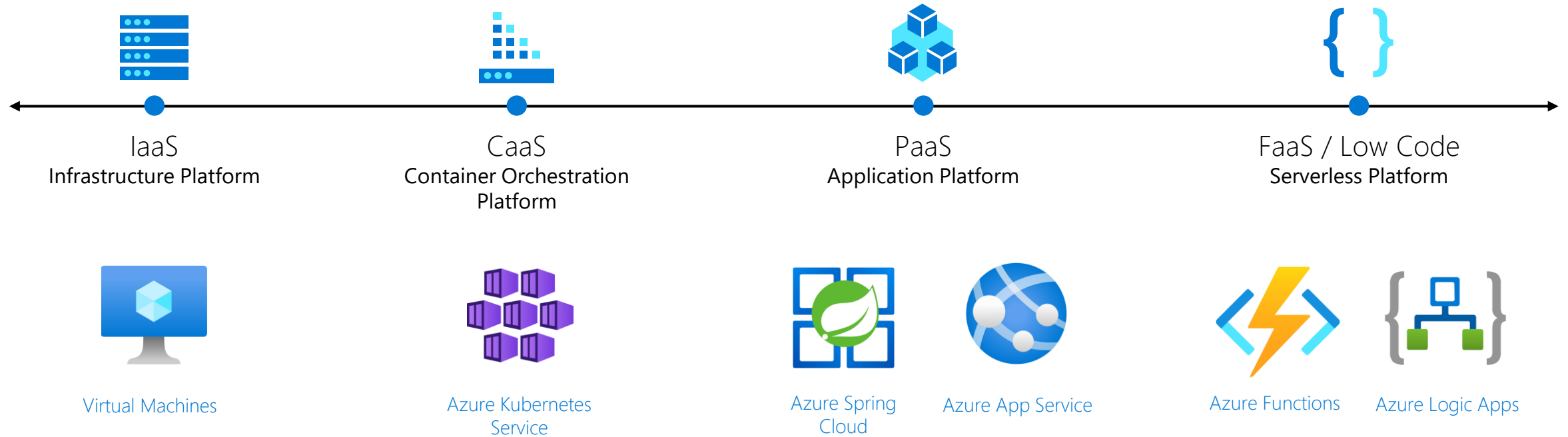deploying
solutions

Prerequisites

Azure subscription

https://azure.microsoft.com/en-us/free

Resource Management

Azure Active Directory Tenant

Azure Subscriptions

Azure Resource Groups

Application hosting continuum

IaaS	CaaS	PaaS	FaaS / Low Code
Infrastructure Platform	Container Orchestration Platform	Application Platform	Serverless Platform
Virtual Machines	Azure Kubernetes Service	Azure Spring Cloud Azure App Service	Azure Functions Azure Logic Apps

IT/Infra focused Value Prop   Dev/App focused Value Prop

More Control of execution environment   Less Control of execution environment

Less Agile development & deployment   More Agile development & deployment

Icebreaker

Browser: Kahoot.it
Game Code:

Enterprise Skill Landing Zone Themes

Priorities & goals

Cloud adoptions

o **Dissonance & friction**

Vision

o **Strategy, maturity & flexibility**

Challenge

· **Cloud adoption philosophy**

· **Delivery & provisioning**

· **Governance, security & compliance**

Solution

· **Cloud native services in production**

· **Identity, policy, governance, operations**

· **Application-centric** (IaaS, Paas, SaaS)

Design principles

- **Organizational billing & management**

- **Standards & policies**

- **Developer centric & flexibility**

Critical & key components

- Enterprise enrollment & Azure Active Directory (Azure AD)

- Identity & access management

- Management groups & subscriptions

- Network topology & connectivity

- Management & monitoring

- Business continuity & disaster recovery

- Security, governance & compliance

- Platform automation (DevOps, CI, CD)

Identity, governance & autonomy

Microsoft
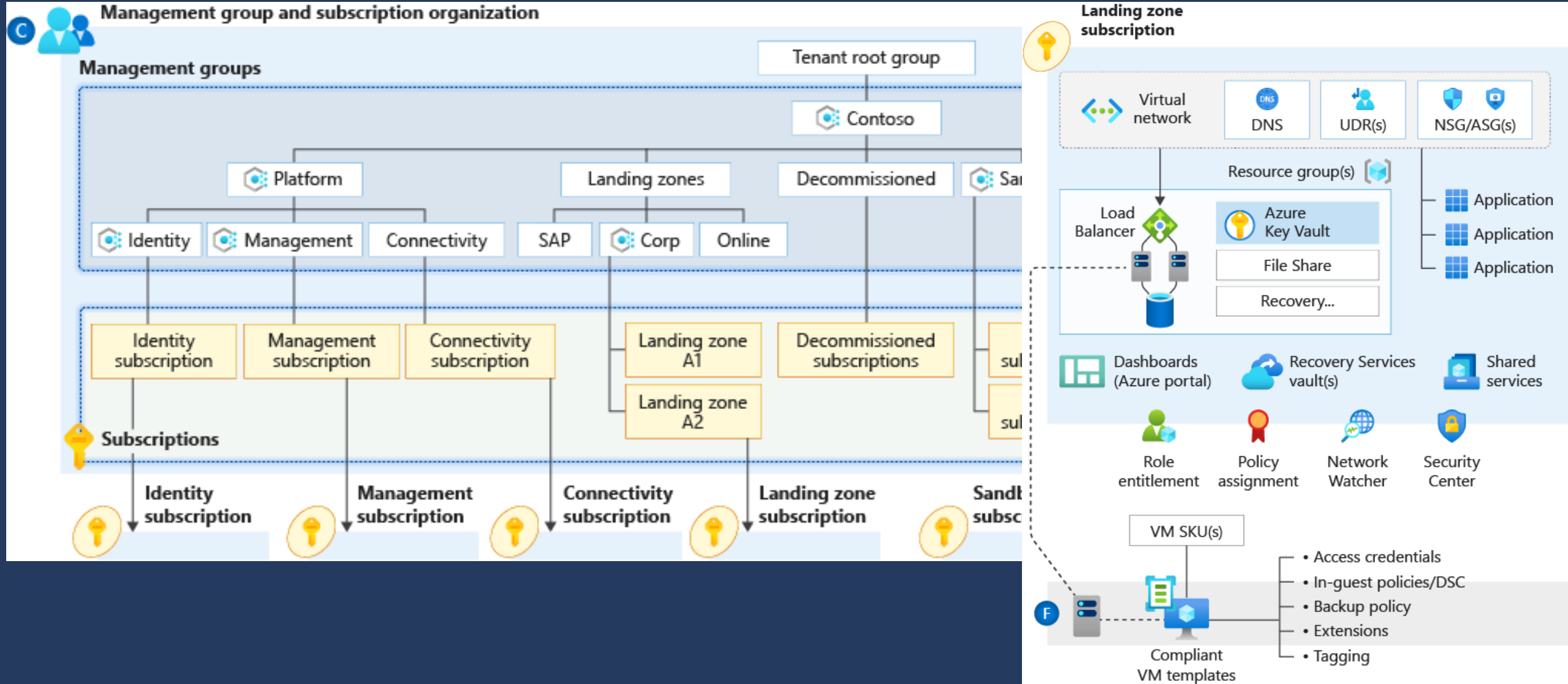
Azure Dev Day – Web Solutions and Lab

Web Solutions

Building resilient web, mobile and API apps with Azure App Service