Microsoft

Activate Azure SQL Security & Governance

Baker & McKenzie
September 18th – 21st, 2023
8:00am – 1:00pm EST

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Microsoft Certified Trainer (2000 – Current)
MVP: Data Platform (2016 – 2018)

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Facilities

Class hours

Building hours

Parking

Restrooms

Meals

Phones

Messages

Recycling

Agenda Day 1

Introduction to Azure SQL Platform as a Service (PaaS)

- Basic concepts of Azure SQL
- Managing Azure SQL Databases
- Scaling Azure SQL Databases
- Working with Managed Instances

Agenda Day 2

Azure SQL MI Business Continuity

- Business Continuity
- Auto-Failover Groups
- Automated Backups and Retention
- Long-Term Backup Retention
- Database Restores

Azure MI Platform and Network Security

- Overview of Azure SQL MI security
- Isolation and Connectivity
- Azure Virtual Network and Security Rules
- Network Peering

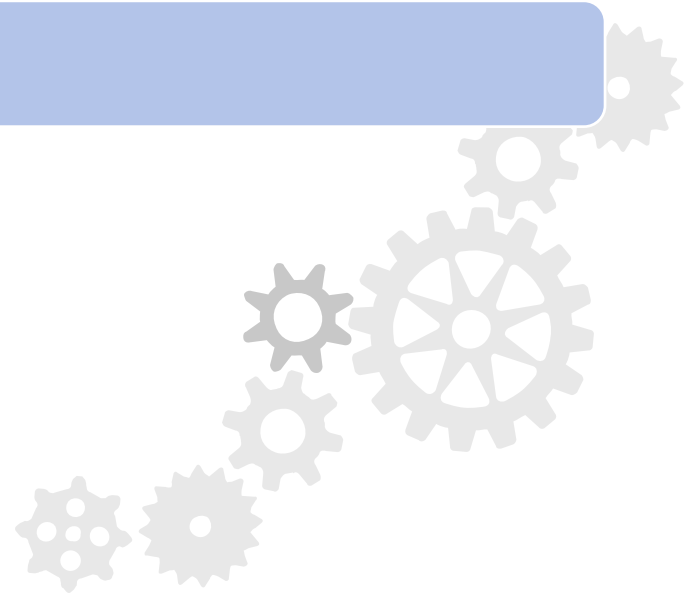
Agenda Day 3

Manage Security for Azure SQL MI

- SQL Security Overview
- Authentication and Authorization
- Azure Active Directory and RBAC
- SQL Logins and Users
- SQL Roles
- SQL Permissions and Schemas

Data Encryption and Data Security

- Azure Key Vault
- Transparent Data Encryption (TDE)
- Always Encrypted
- Row Level Security
- Dynamic Data Masking



Agenda Day 4

Auditing and Advanced Data Security

- Introduction to xEvents and SQL Audit
- Implement Auditing for Azure SQL MI
- Azure SQL MI Vulnerability Assessment
- Advanced Threat Protection
- Data Discovery and Classification

Monitoring and Tuning Azure SQL Database

- Lesson 1: Monitoring and Troubleshooting Azure SQL Database
- Lesson 2: Monitoring Query Performance using Query Performance Insight
- Lesson 3: Azure SQL Database Tuning using Automatic Tuning
- Lesson 4: Monitoring Azure SQL Database Performance using Extended Events
- Lesson 5: Configure Alerts through Azure Portal

Attendee Introductions

Name

Job/Team/Specialty

Time Zone

Experience

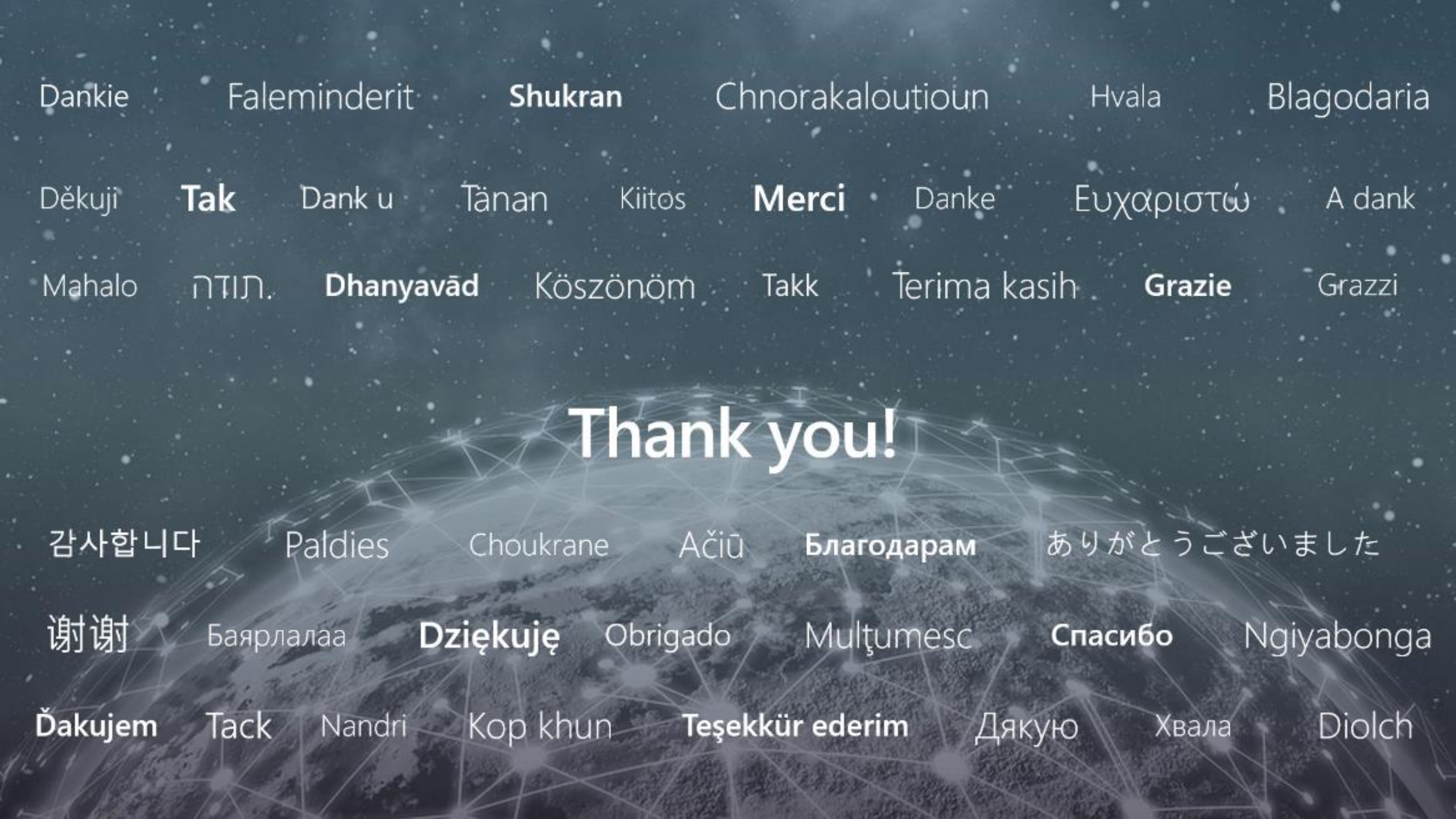
Expectations

Get Ready to Participate

Close email and Update Status

Make it interactive

Check all equipment


Dankie
Faleminderit
Shukran
Chnorakaloutioun
Hvala
Blagodaria
Děkuji
Tak
Dank u
Tänan
Kiitos
Merci
Danke
Ευχαριστώ
A dank
Mahalo
תודה.
Dhanyavād
Köszönöm
Takk
Terima kasih
Grazie
Grazzi
Thank you!
감사합니다
Paldies
Choukrane
Ačiū
Благодарам
ありがとうございました
谢谢
Баярлалаа
Dziękuję
Obrigado
Mulţumesc
Спасибо
Ngiyabonga
Ďakujem
Tack
Nandri
Kop khun
Teşekkür ederim
Дякую
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