Session 19
Maintenance
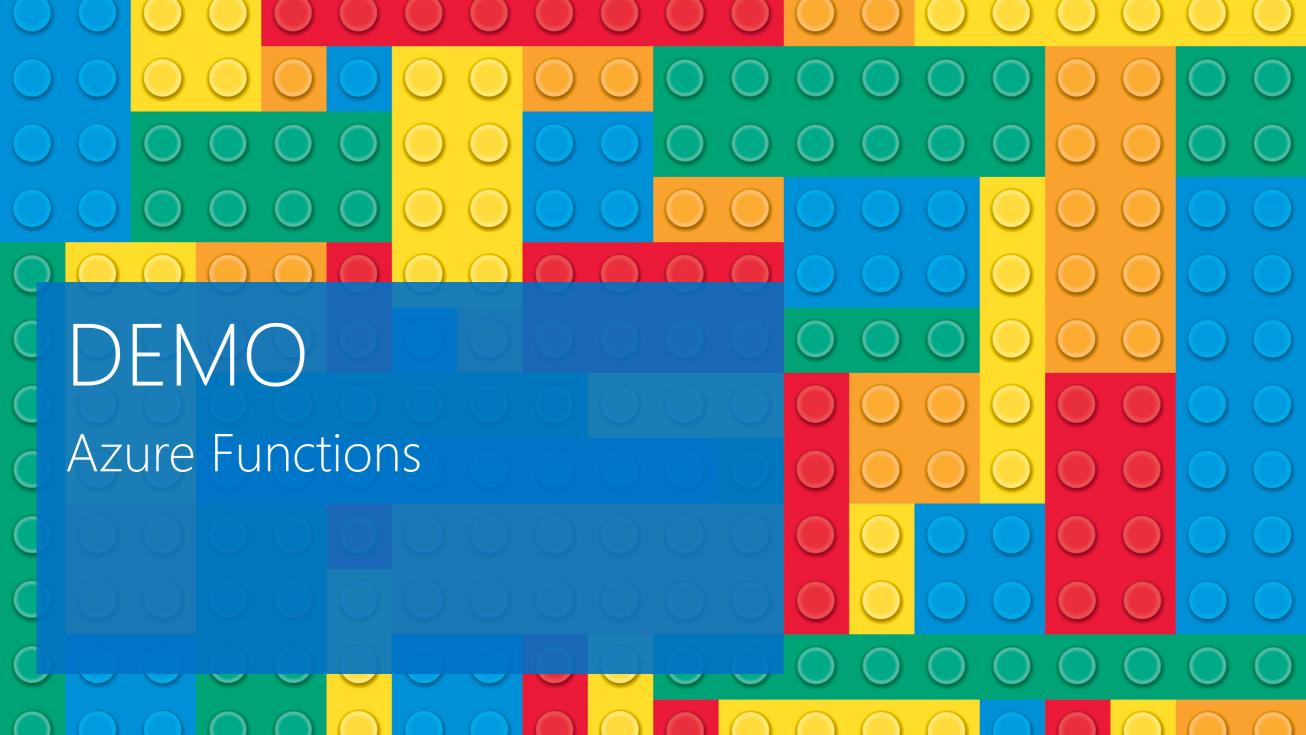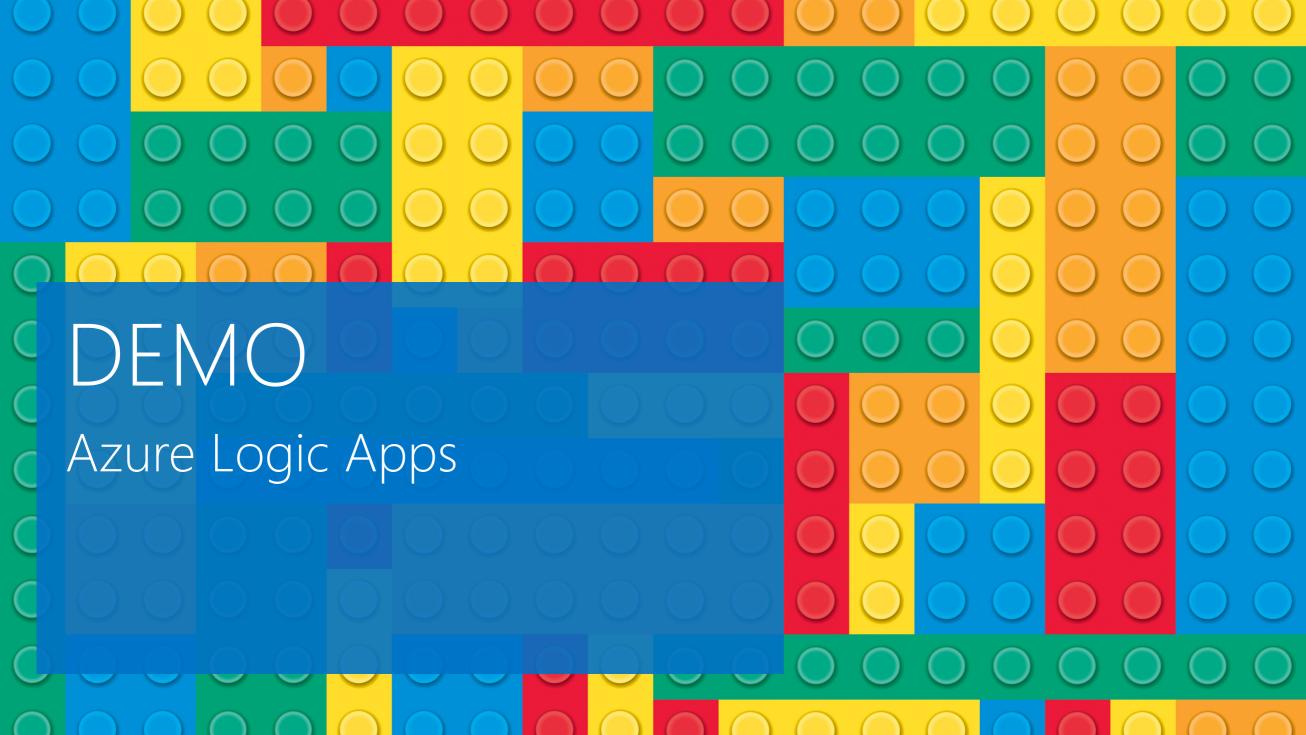
Anton Boyko
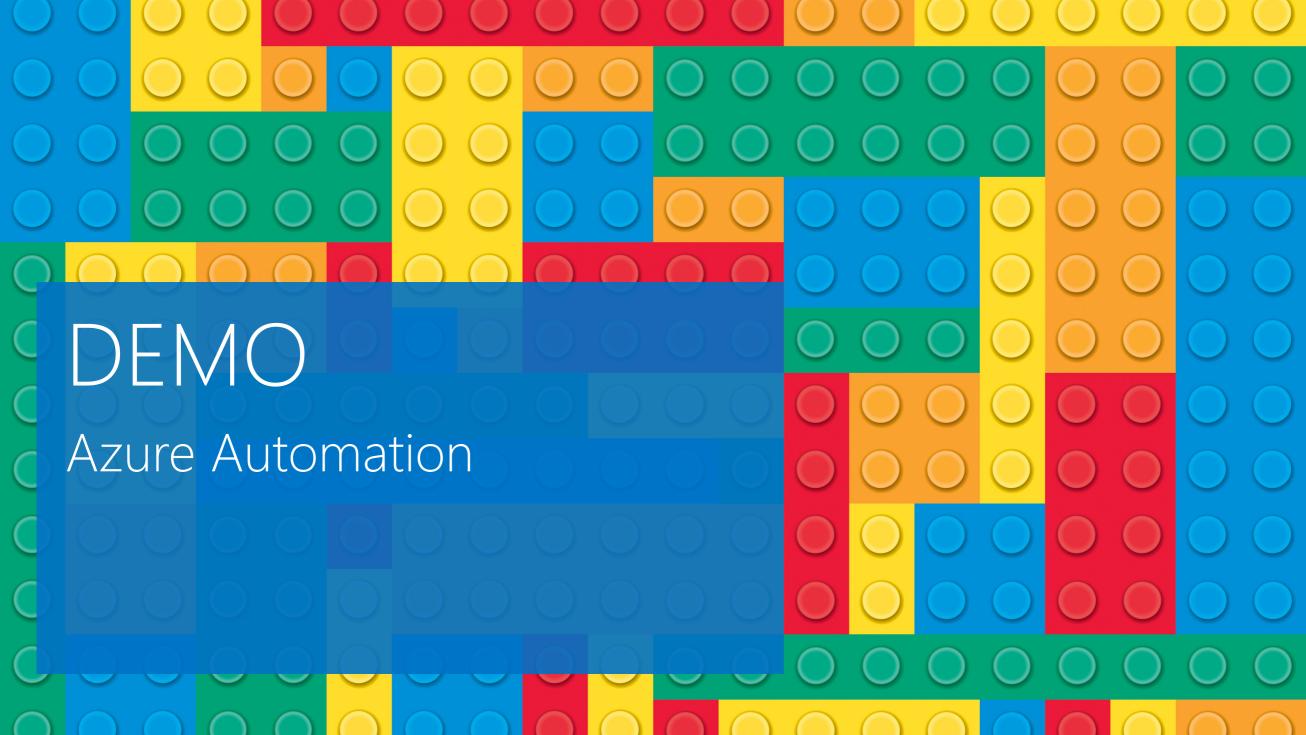Microsoft Regional Director
Microsoft Azure MVP
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Housekeeping

❑ Please keep yourself muted unless you are participating in the conversation, so we can have a more clear recording.

❑ If you have questions – don't hesitate and ask.

DEMO
Azure Functions

DEMO
Azure Logic Apps

DEMO
Azure Automation

DEMO
Azure Container Instances

Questions?

Homework

Do (Azure Functions)

- Create new repo in Azure DevOps.

- Create Azure Function based on your favorite programming language.

- Azure Function should start on schedule Monday to Friday at 8AM and 8PM.

- Azure Function should call Logic App via HTTPS endpoint.

- Azure Function should be built and deployed automatically.

- Infrastructure for Azure Function should be created automatically (with any tool).

- Infrastructure for Azure Function should be deployed automatically from the Azure DevOps pipeline.

Do (Azure Logic Apps)

- Create new repo in Azure DevOps.

- Create a Logic App that will turn a dummy VM on (in the morning) and off (in the evening).

- Dummy VM can be created manually. B1ls Linux VM with HDD will do just fine.

- On or off command should be received as a parameter for the HTTP trigger.

- Azure Logic App should be versioned under the source control and deployed automatically (via ARM templates).

Do (Azure Automation)

- Create new repo in Azure DevOps.

- Infrastructure for Azure Automation should be created automatically (with any tool).

- Infrastructure for Azure Automation should be deployed automatically from the Azure DevOps pipeline.

- Create a PowerShell script that will obtain the App Service name and desired state (on/off) as a parameter and ensures that the target App Service is either on or off.

- Create a PowerShell Automation schedule. The target App Service should be on each first half of the hour and off each second half of the hour.

- Please use the same App Service as monitored by the Web Availability tests.

- PowerShell script should be deployed automatically to the Azure Automation account.

Do (Azure Container Instances)

Create new repo in Azure DevOps.

Infrastructure for ACI should be created automatically (with any tool).

Infrastructure for ACI should be deployed automatically from the Azure DevOps pipeline.

AZ CLI script should run within the container.

AZ CLI script should automatically obtain the list of all App Services in the current subscription and restart them one by one.

Container with this script should be created and deployed to Azure Container Registry.

Container should be deployed automatically via Azure DevOps pipeline.

Deadline

Recommended – by the end of the day 23.09.2022

Maximum – by the end of the day 23.09.2022