Session 11
Infrastructure as code (declarative)

Anton Boyko
Microsoft Regional Director
Microsoft Azure MVP
me@boykoant.pro

Housekeeping

❑ Please keep yourself muted unless you are participating in the conversation, so we can have a more clear recording.
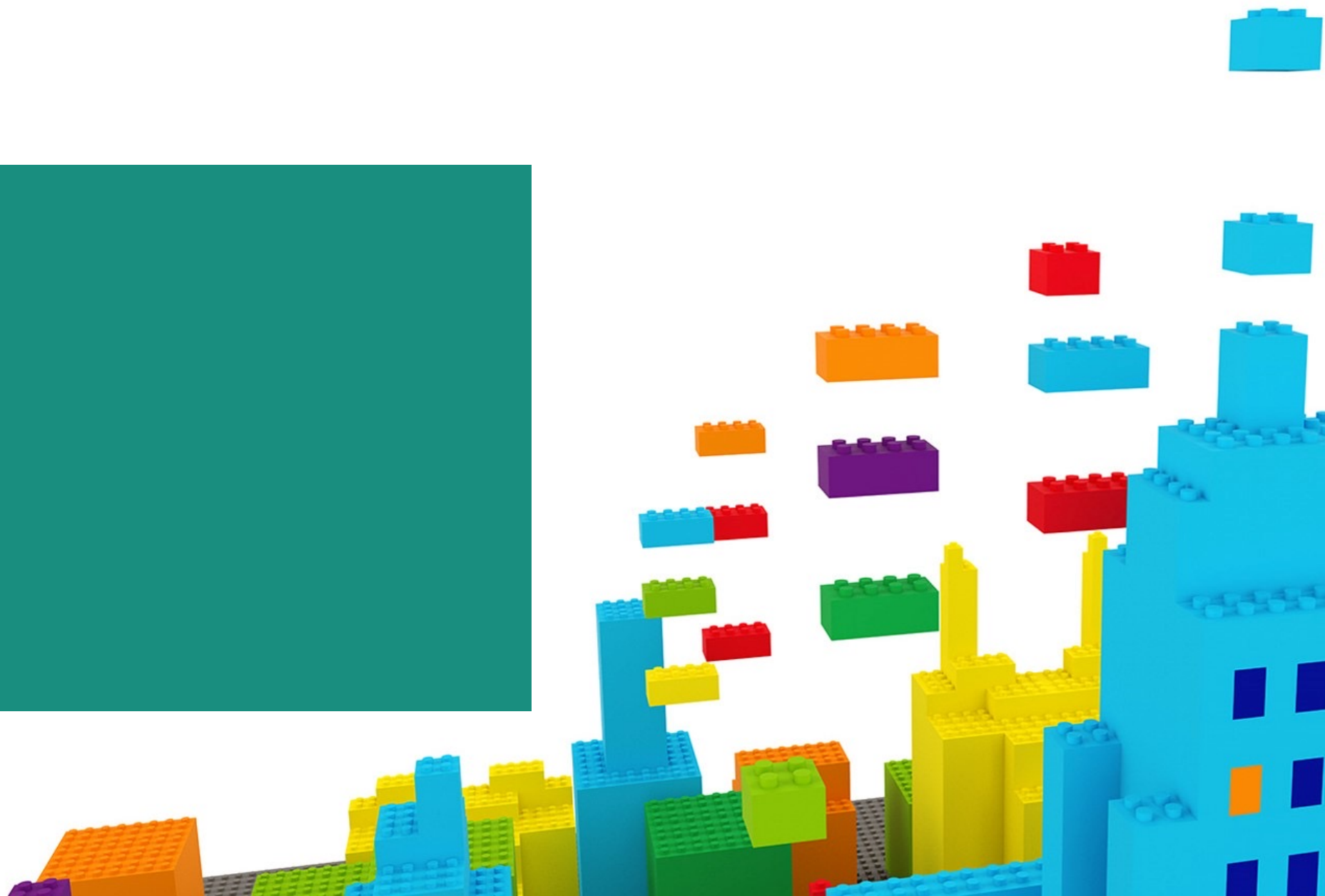
❑ If you have questions – don't hesitate and ask.

Bicep

DEMO

Terraform

DEMO

Questions?

Homework

Do (1)

Create infrastructure templates using <u>ARM</u>, <u>Bicep</u> and <u>Terraform</u>.

Do (2)

Template that can create SQL Server and SQL DB.

Input parameters:

Region
Server name
DB name
DB pricing tier
DB backup policy
Array of firewall rules

Do (3)

Template that can create Linux based App Service for Containers.

Input parameters:

Region
Name
Pricing tier
Nodes in web farm
Docker Hub image to be used

Do (4)

Template that can create Storage Account.

Input parameters:

Region
Name
Pricing tier

Do (5)

Template that can configure automatic backups for Azure App Service to Storage Account (including connected databases).

Input parameters:

App Service name
Storage Account name
Schedule
Retention policy

Deadline

Recommended – by the end of the day <u>31.08.2022</u>

Maximum – by the end of the day <u>09.09.2022</u>