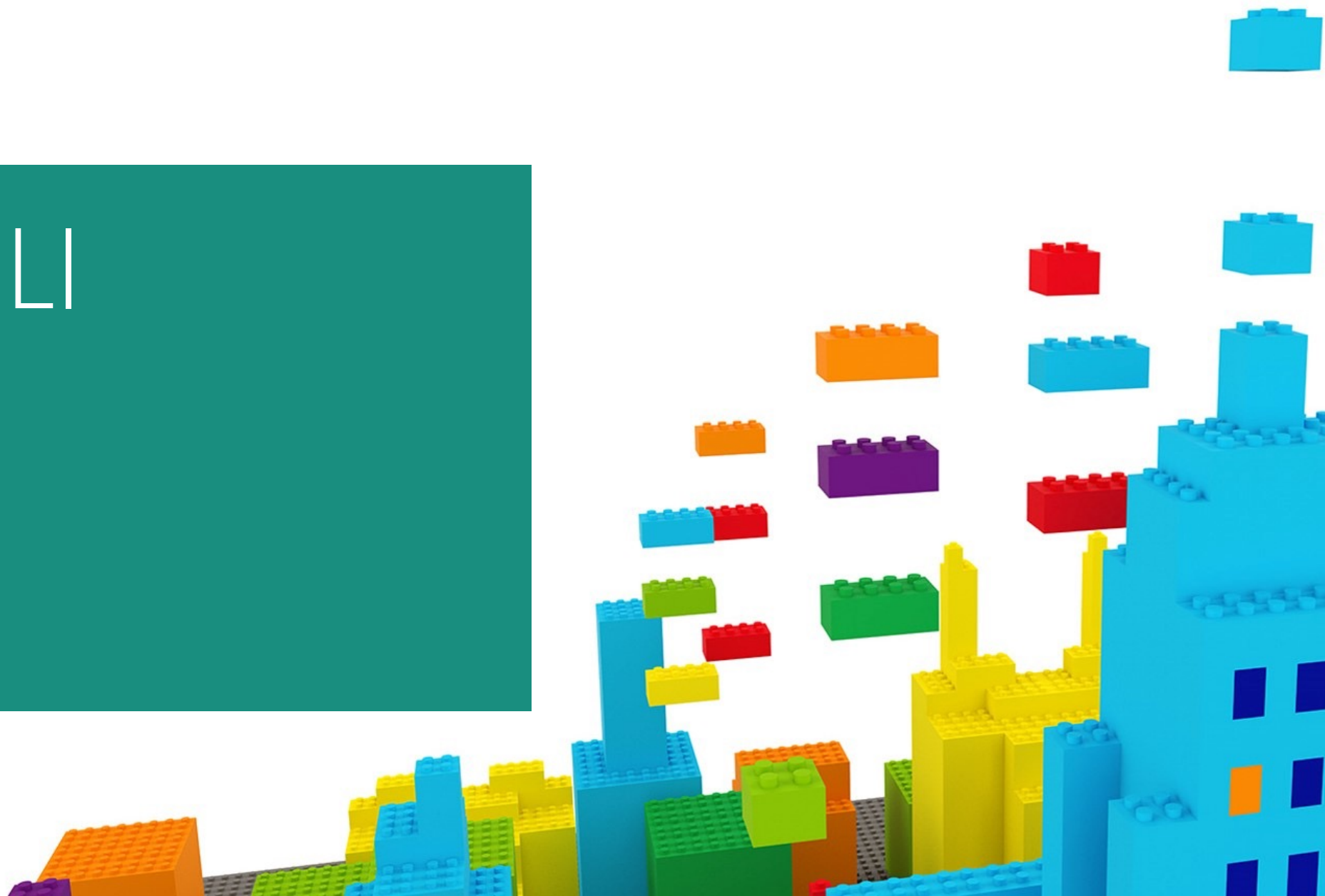# Session 07
Azure Infrastructure as Code (imperative)

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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.
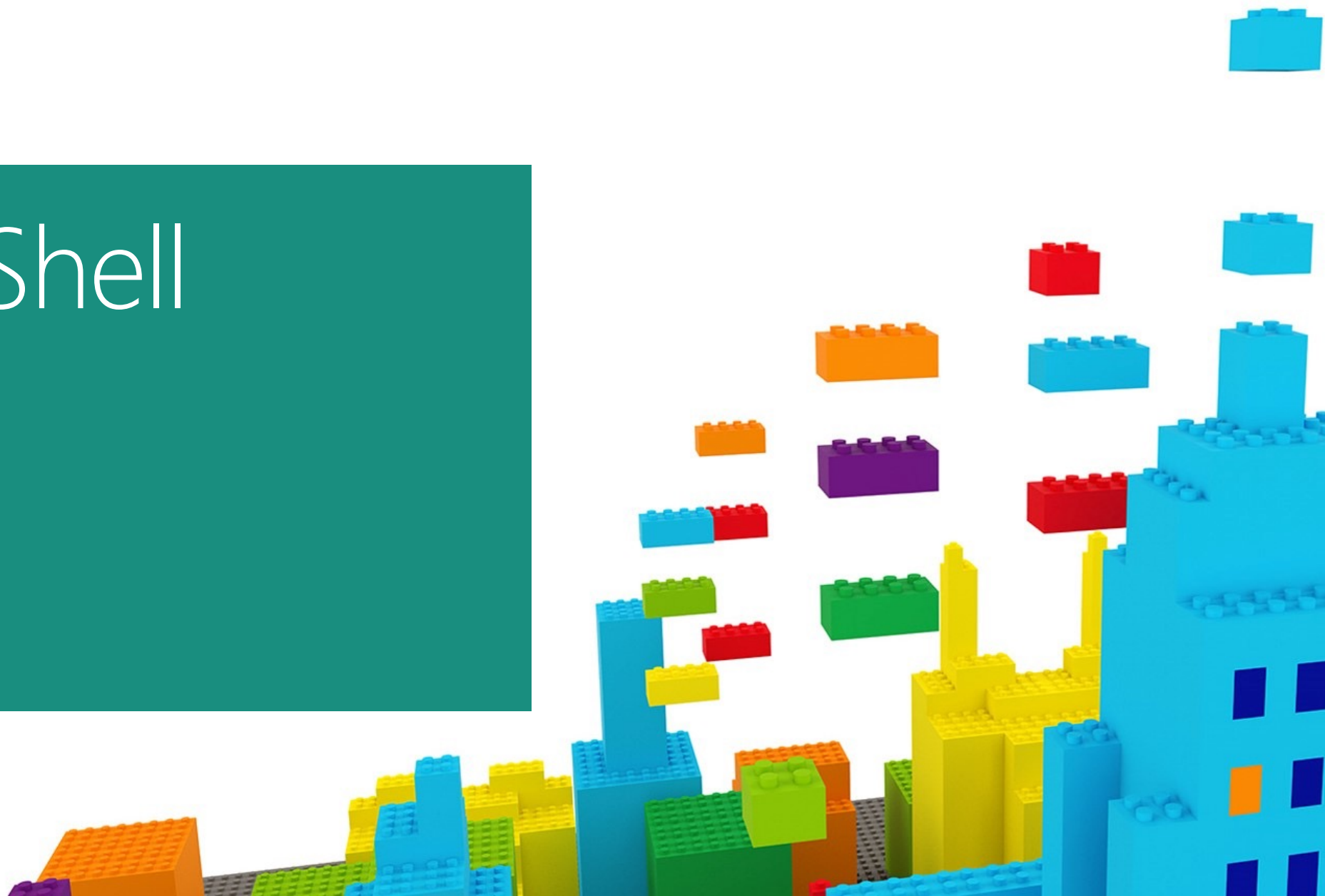
AZ xPlat CLI

DEMO
AZ xPlat CLI

AZ PowerShell module

DEMO
AZ PowerShell module

Questions?

Homework

Do (1)

- The goal is to create an automation for infrastructure provisioning that we were creating during the previous homework.

- Create automation using both AZ CLI and Azure PowerShell CMDlets. For each script prepare the parameters file(s) that script will be able to parse.

Do (2)

Script that can create VNET with subnets.

Input parameters:

- Region
- VNet name
- VNet address space
- Array of subnets (names and address spaces)

Do (3)

Script that can create NSG.

Input parameters:

- Region
- Name
- Array of rules

Do (4)

Script that assigns NSG to VNet subnet.

Input parameters:

- NSG name
- VNet and subnet name

Do (5)

Script that creates VMs.

Input parameters:

- VM name
- VM image
- VM pricing tier
- VM disk pricing tier
- VNet and subnet name
- Custom public domain name (optional)
- Reserved IP (optional)

Deadline

Recommended – by the end of the day 22.08.2022

Maximum – by the end of the day 26.08.2022