Microsoft

Reactor

The Championing Azure Collection Series – DevOps

Season 01 Episode 04

Infrastructure as Code

February 10th | 5.30 pm CET

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Azure MVP

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Microsoft MVP - Azure

Technical Architect – Advania Knowledge Factory

Bicep Core Maintainer

Bicep PowerShell Module creator

OSS projects: Bicep, PSBicep, AzOps, Azure Docs

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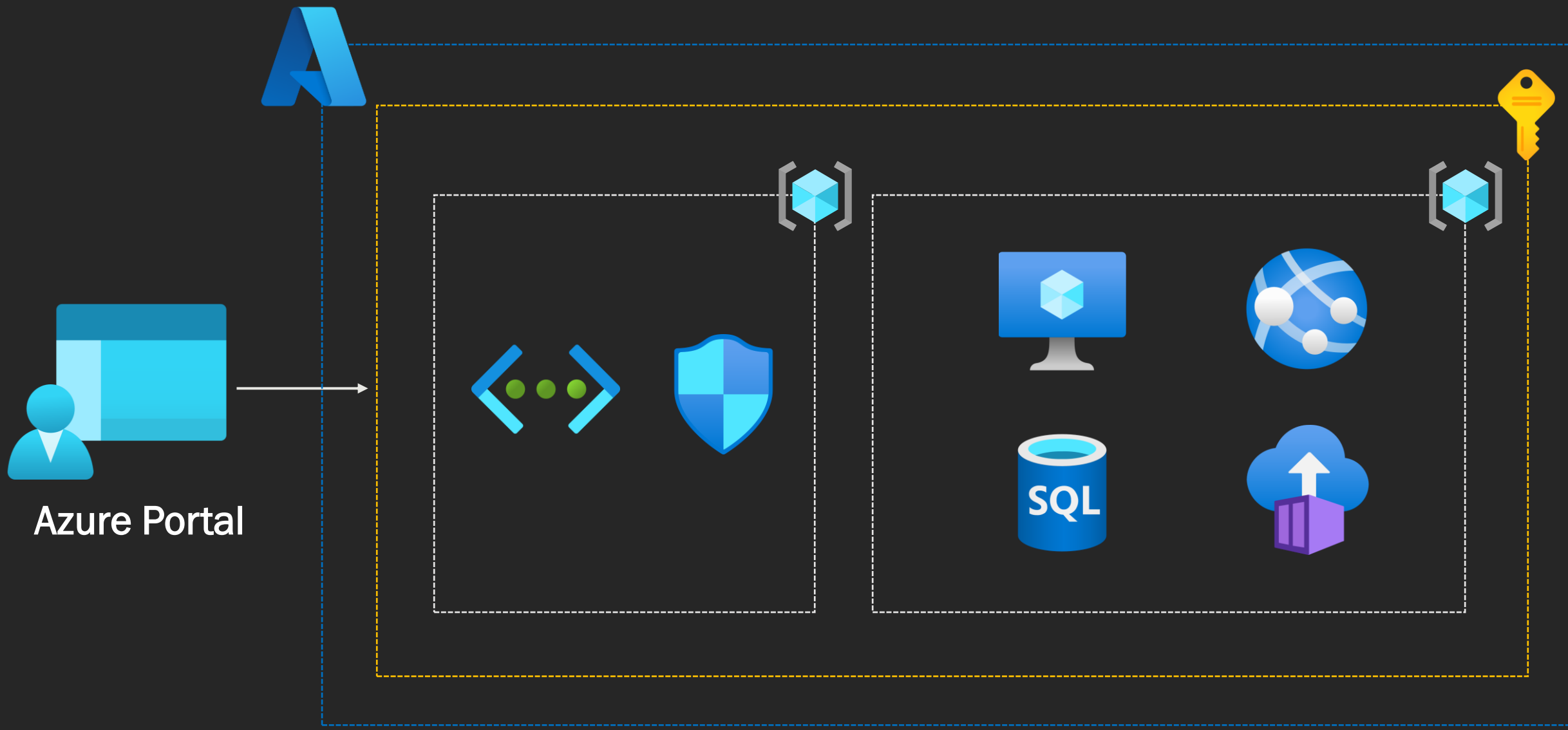
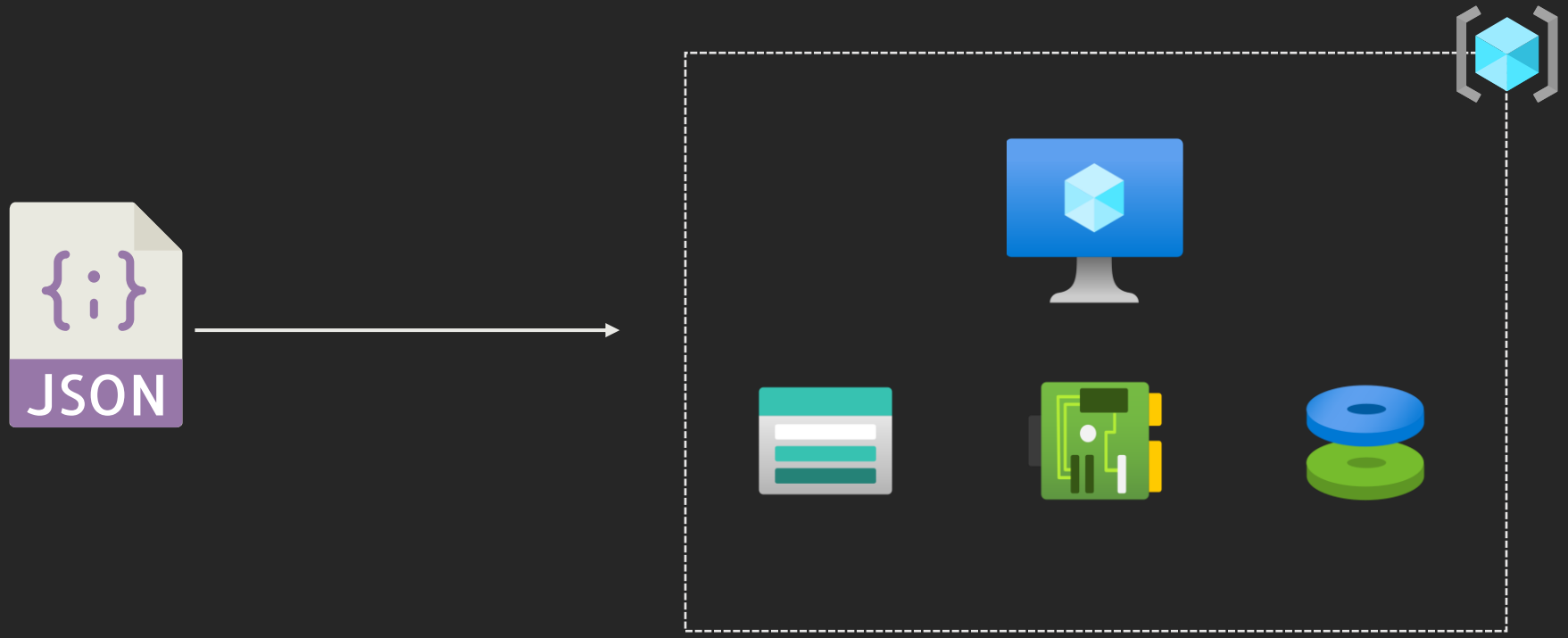
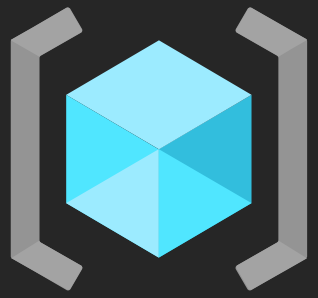

Azure Portal
SQL

Infrastructure as Code (IaC)



Infrastructure as Code options



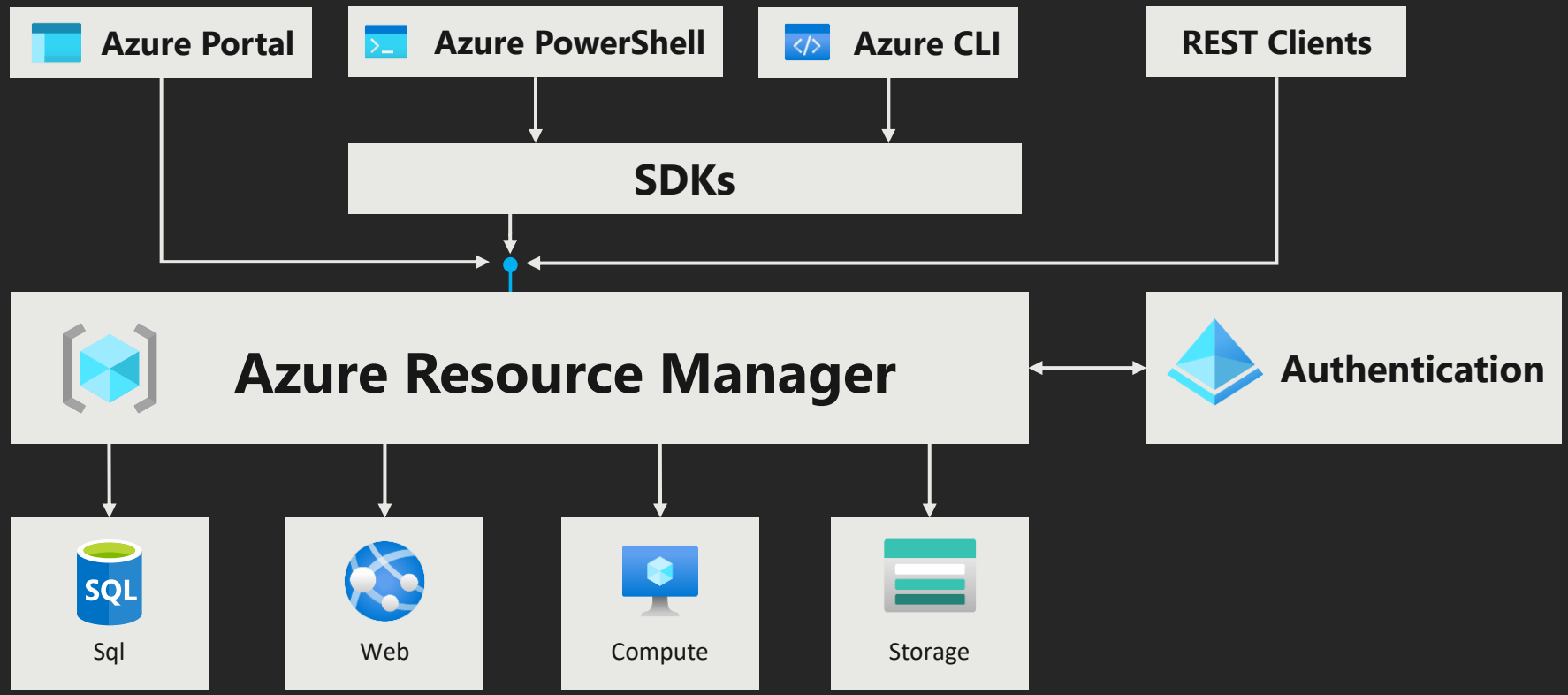
pulumi

Terraform

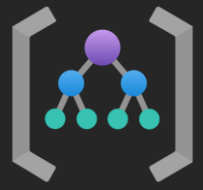
CLOUDMAKER

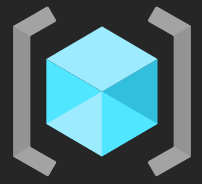
think it. draw it. build it.

Azure Resource Manager

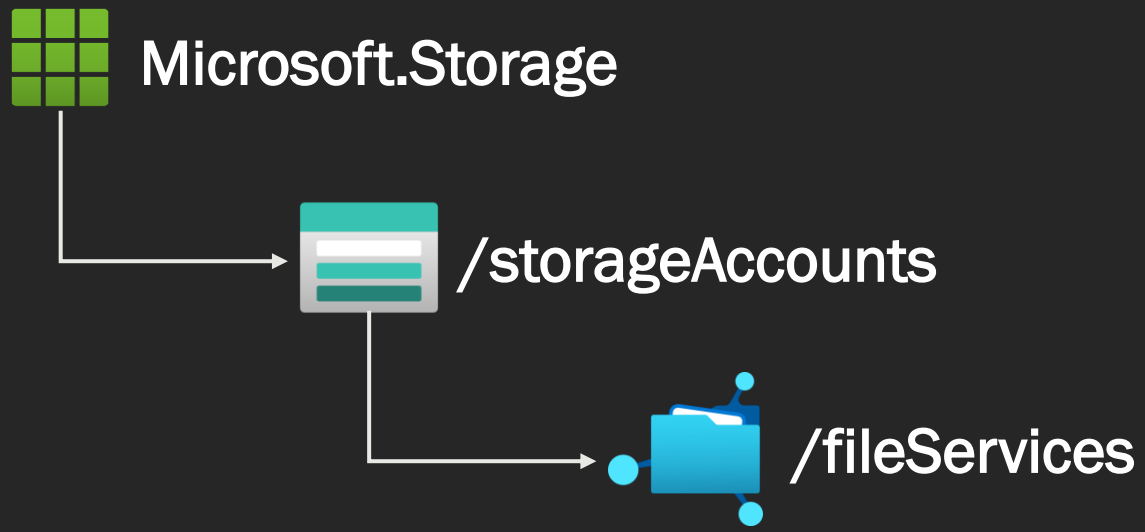


Azure Resource





Resource Provider

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    "2021-02-01",
    "2020-01-01",
    "2020-08-01-preview",
    "..."
]
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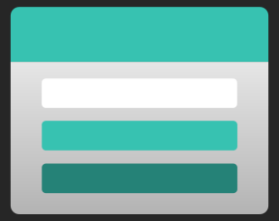
Resource Provider APIs



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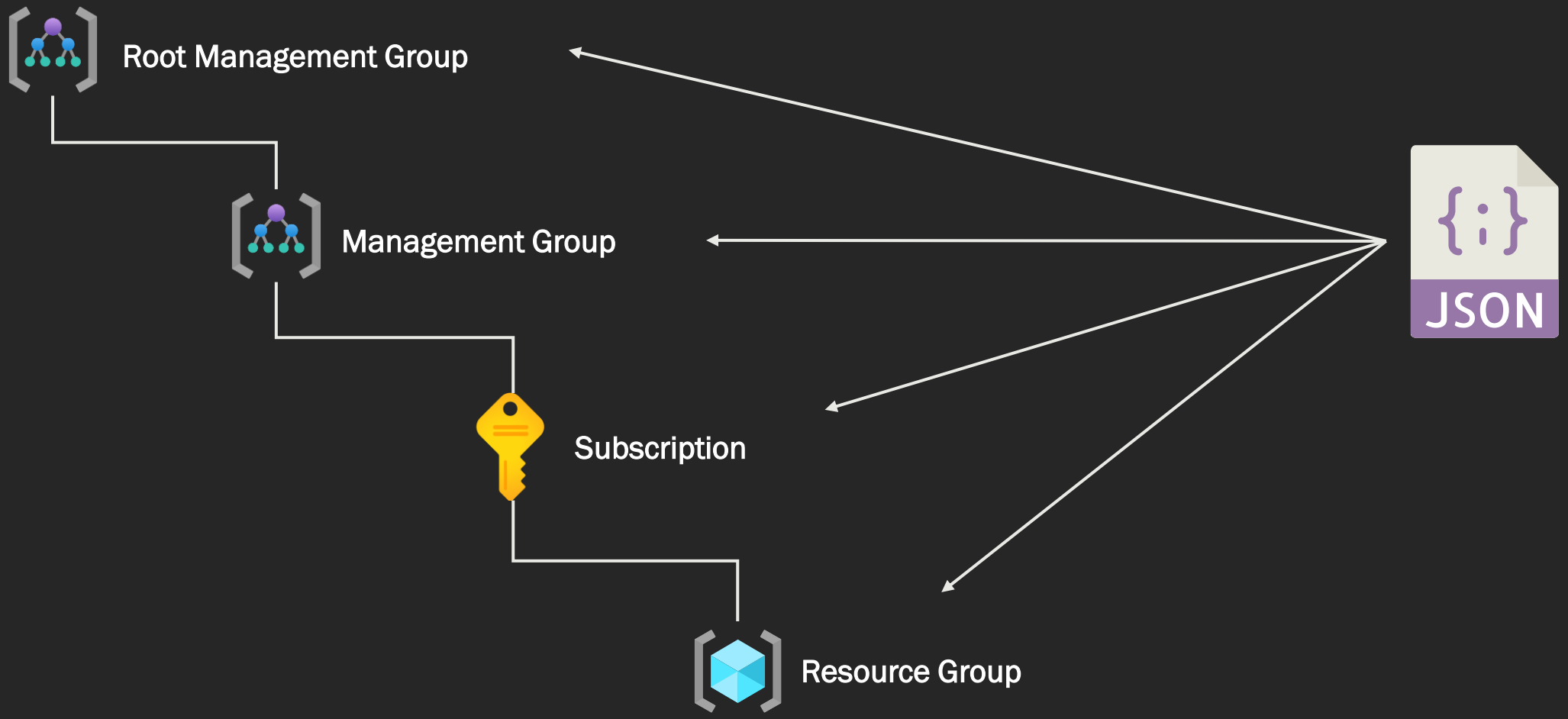
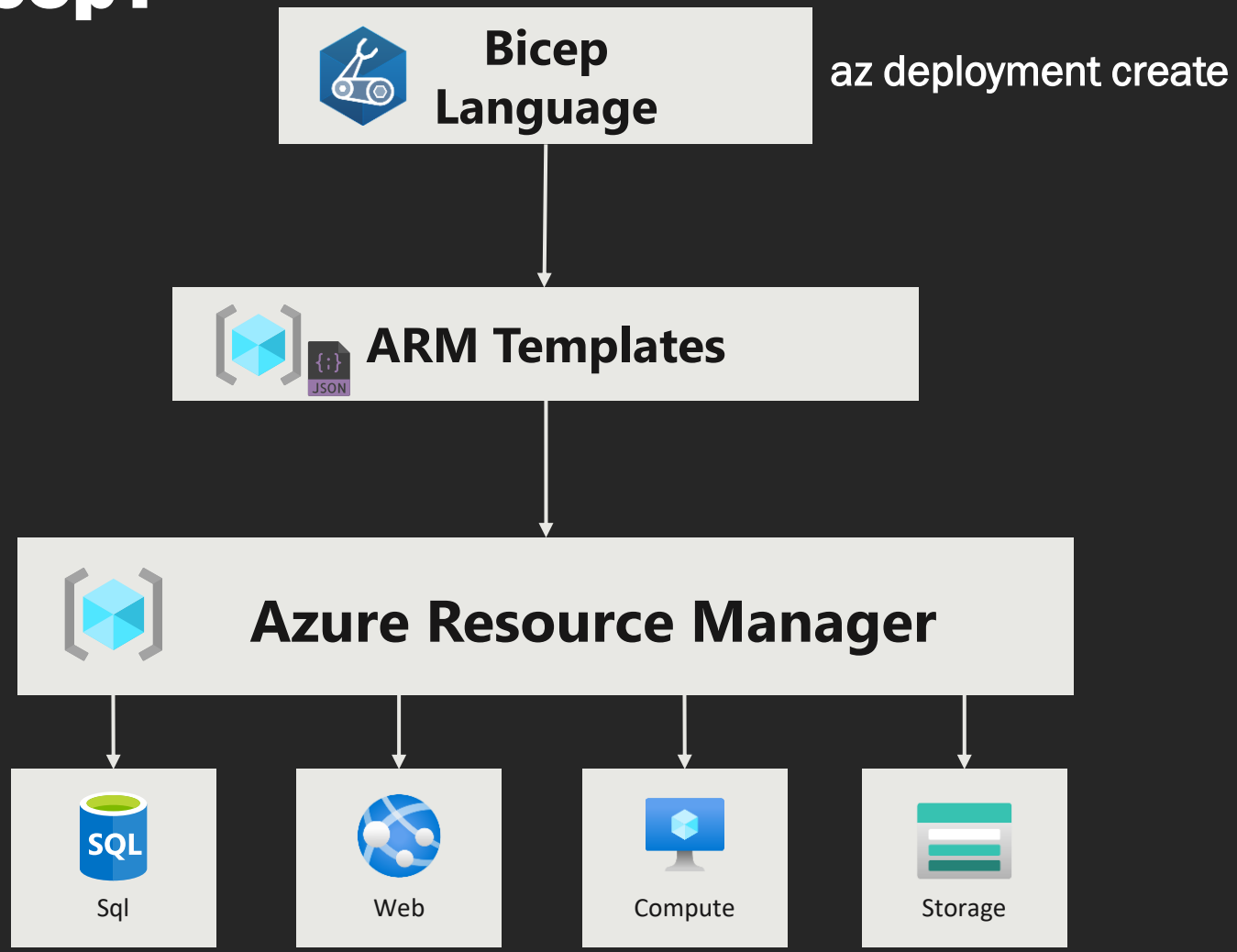
minimumTlsVersion	<string>	

Deployment Scopes



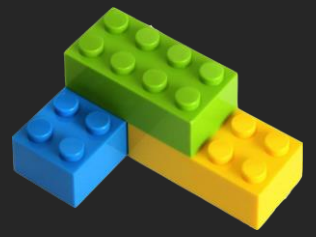
What is Bicep?



Why should I use Bicep?

Simple syntax

Day Zero Support



Modular &
Re-usable

Great support tools

No state management

What tools are needed to get started?

Visual Studio Code +
Bicep Extension

Bicep CLI

Demo

Learn more:

MS Learn - Deploy and manage resources in Azure by using Bicep.

MS Learn - Build Azure infrastructure in a team environment by using Bicep

Bicep docs – aka.ms/Bicep

Thank you!

Slides and templates:

https://github.com/StefanIvemo/MSReactor

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