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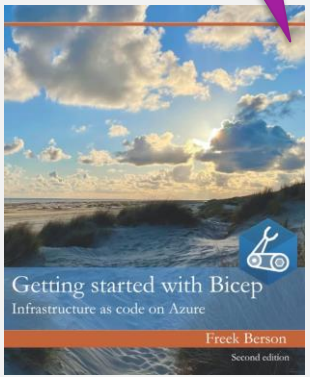
November 13-15, Oslo Spektrum

Post a picture on X or LinkedIn and win the book!

Optimize Azure Infrastructure as Code Deployments with VS Code



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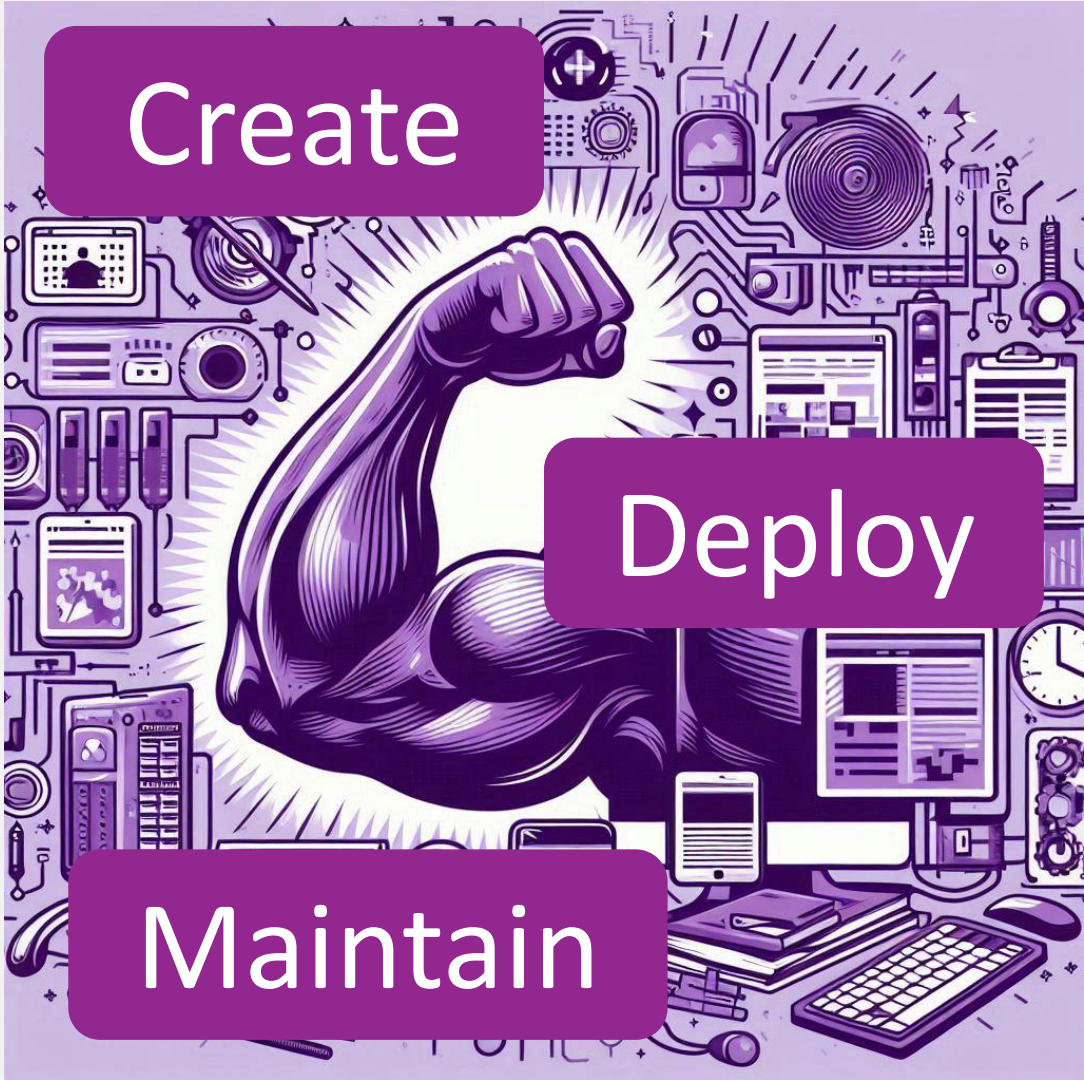
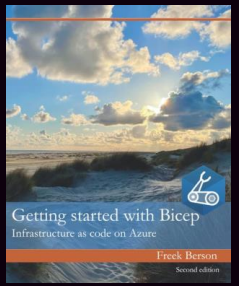
FREEK BERSON (@fberson)



Freek Berson

Optimize Azure Infrastructure as Code Deployments with VS Code

Principal Product Manager
@fberson
Microsoft MVP (AVD & Azure)
Published Author

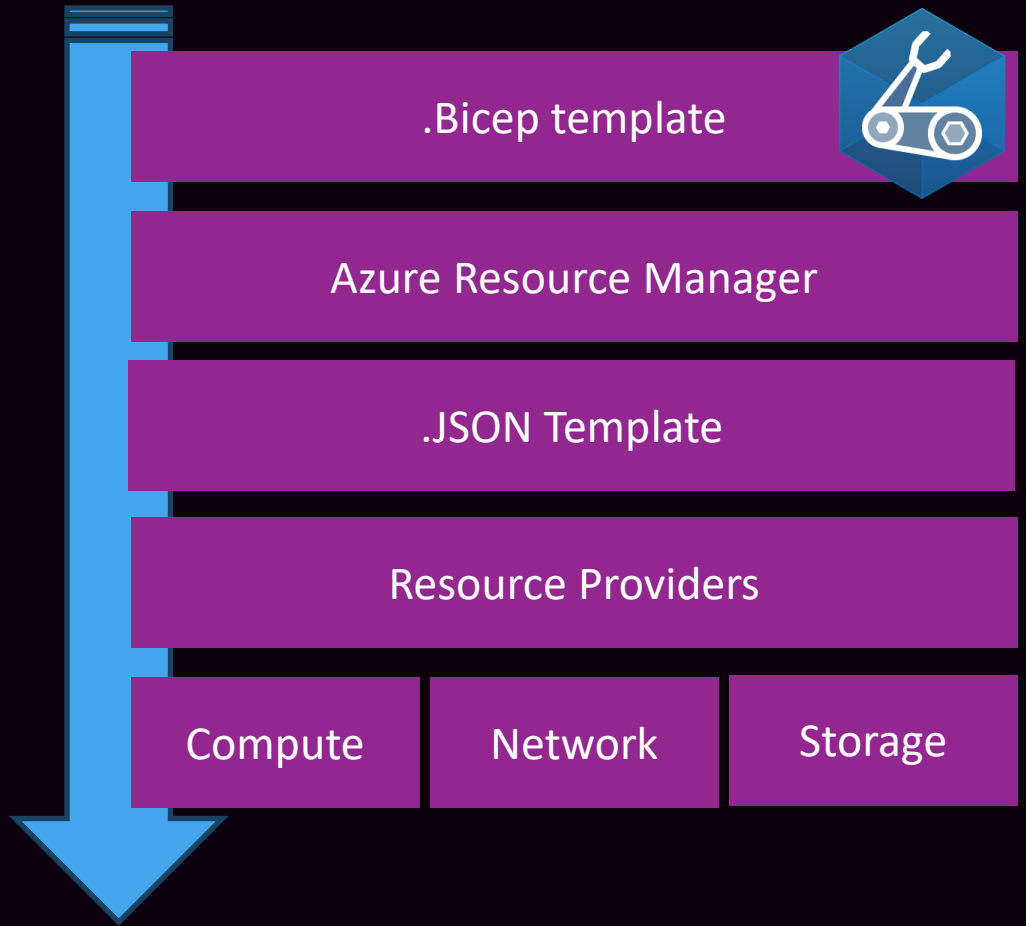


Infrastructure as Code

The practice of managing & provisioning computing infrastructure through declarative configuration files.

What is Bicep

- Declarative
- Idempotent
- Fast



1. Create

Optimize the coding experience with the Bicep VSCode Extension

2. Deploy

Take advantage of the Bicep Deployment Pane

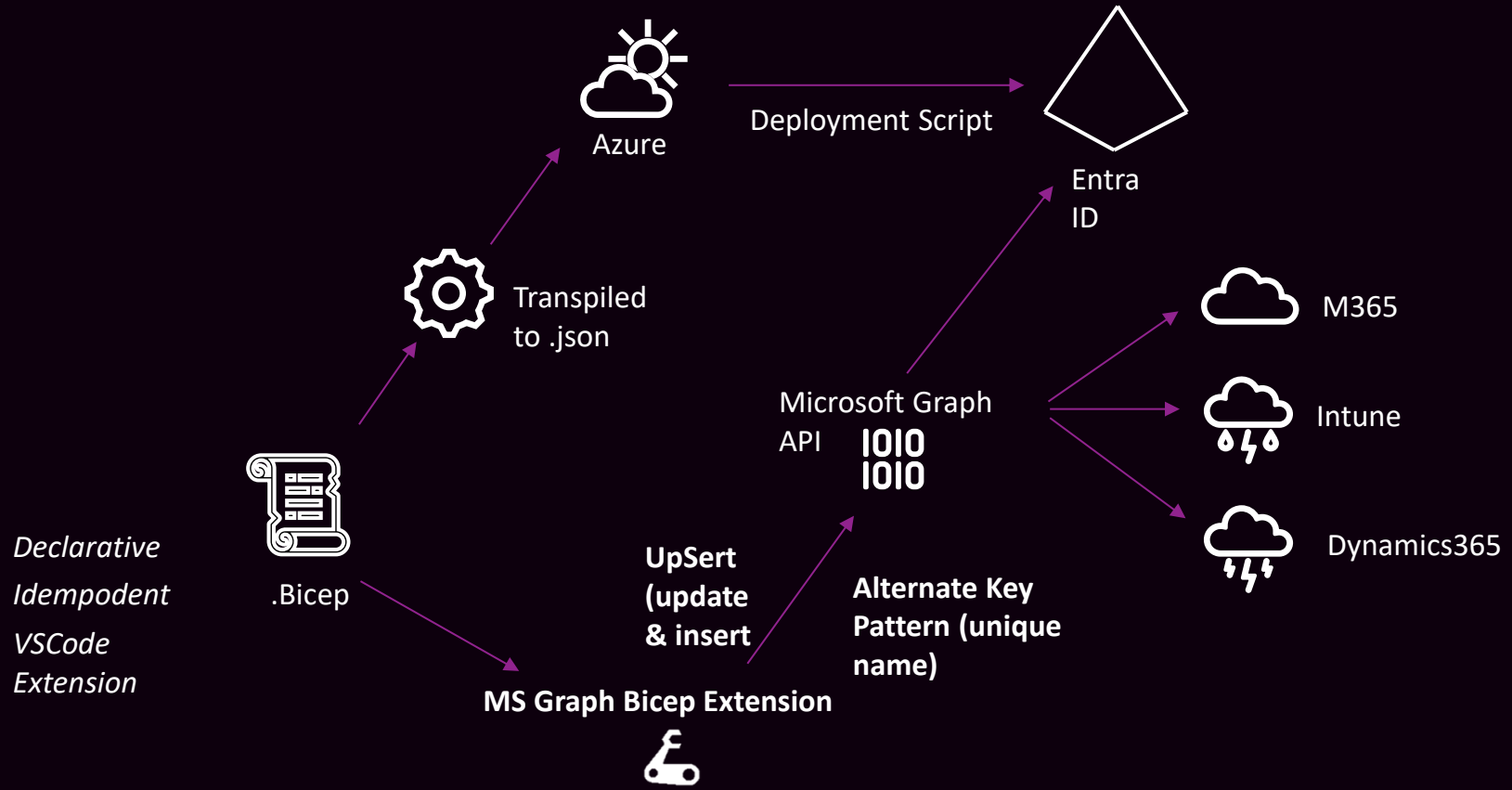
3. Maintain

Embracing Deployment Stacks

4. Advanced topics

Graph API

Graph API & Bicep



Entra ID Resources using Bicep?

In v1.0, only these services are supported:

- Applications
- App role assignments
- Federated identity credentials
- Groups
- OAuth2 permission grants (delegated permission grants)
- Service principals

Members of groups are Implemented as non-destructive

Owners of groups are limited to 100

!! Update to owners & members requires breaking change (released via dynamic types)

Sensitive GA ETA is end of this year or early next year

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Thank you and call to Action!

Bicep MS Docs:
Aka.ms/bicep

Bicep Monthly Community call
surveymonkey.com/r/ARMnews

Bicep GitHub location
github.com/Azure/bicep

Bicep Learning path
docs.microsoft.com/en-us/azure/azure-resource-manager/bicep/learn-bicep

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Parallels
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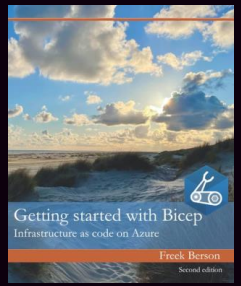
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