

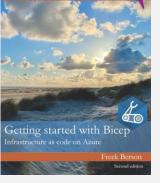
November 13-15, Oslo Spektrum

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

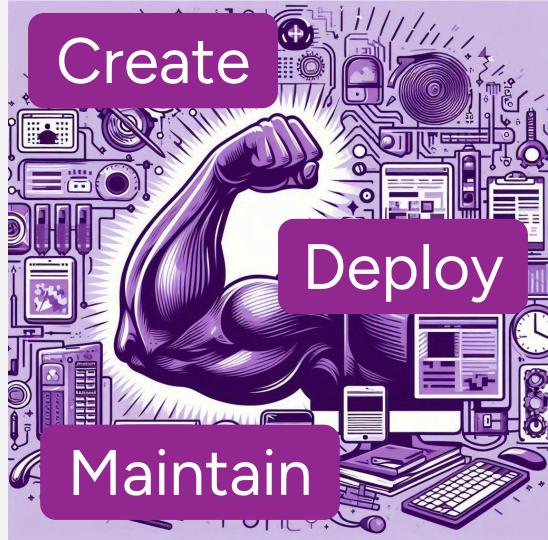
Optimize Azure
Infrastructure as Code
Deployments with VS

Code











#### Freek Berson

Optimize Azure Infrastructure as Code Deployments with VS Code



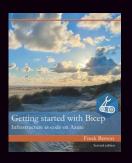
NIC



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









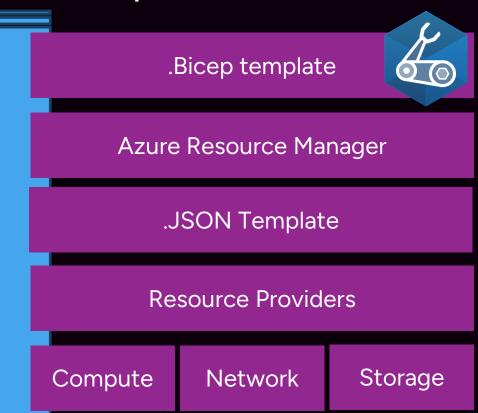
The practice of managing & provisioning computing infrastructure through declarative configuration files.

# What is Bicep











#### 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** 

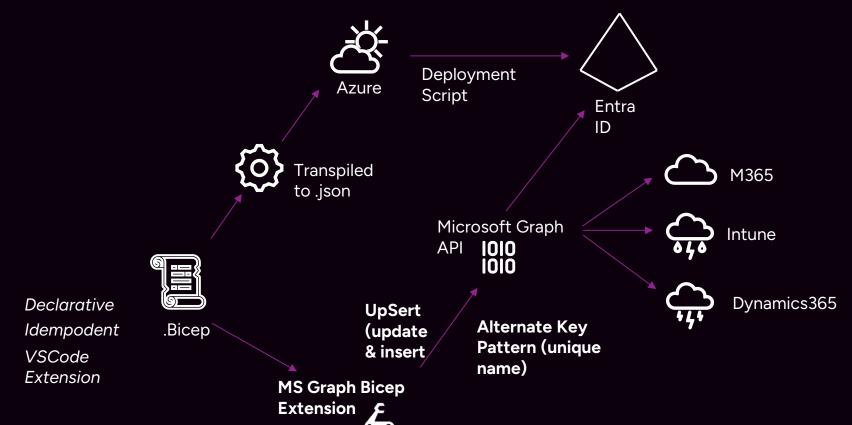


#### 4. Advanced topics

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





#### 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















