

MVP Dagen(e) 2024

mvpdagen.no



Takk til våre sponsorer



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Hey!

Jeg er Jan Vidar

Jeg er her fordi jeg digger
MVP- Dagen

Du finner meg på @JanVidarElven



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Security Infrastructure as Code

for Entra ID and Graph API



“Infrastructure as Code (IaC) automates infrastructure management using code, where **imperative code** specifies *how* to achieve the desired state, while **declarative code** defines *what* the desired state should be.”

- Copilot (2024)



Bicep vs Terraform

Bicep

Bicep = Azure Resource
Manager abstraction layer
Domain Specific Language
Azure-native
Azure integration
Azure support
No state management
Easy transition from/to JSON

Terraform

Open-Source HashiCorp
Configuration Language
Multi-cloud
Providers
AzureRM
AzureAD
AzureDevOps
AzAPI
AzureStack ...and many more
State management



► Terraform Entra ID & Graph API Support

- AzureAD Provider
- +6 years
- Latest version 3.0.2

Users, Groups, Application, Service Principals,
Conditional Access, Permission Grants, Directory
Roles, Domains, Identity Governance, Invitations,
Policies,...



Graph API support in Bicep!

Public Preview announced at Microsoft Build 2024

Applications, App Role Assignments, Federated identity credentials, Groups, OAuth2 (Delegated) permissions grants, Service Principals



* Known issues & Limitations (see docs)

DEMO

Bicep & Terraform

Infrastructure as Code for

Entra ID & Graph API

BEGIN.

Takk!

Spørsmål?

Du finner meg på

- ▶ @JanVidarElven
- ▶ gotoguy.blog
- ▶ <https://github.com/MVPDagen/MVP-Dagene-2024/>

