



Check out these guns!

Pasi Huuhka

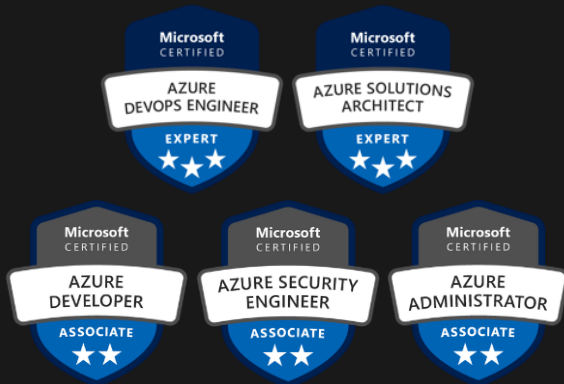


Pasi Huuhka

DevOps Architect

pasi.huuhka@zure.com

- DevOps expert & Developer from Finland
- Working on Azure since 2014
- Helped to develop & automate applications on Azure for 40+ customers from startups to enterprises



Microsoft
CERTIFIED

Solutions Expert

Cloud Platform and
Infrastructure



- Twitter: [@DrBushyTop](https://twitter.com/DrBushyTop)
- Blog: huuhka.net
- zure.ly/pasi-huuhka
- zure.ly/faug
- zure.ly/gdbc-2020

100%

Azure since 2011

60 / 65

experts

14,2

experience avg.

4,6 / 5

customer satisfaction

4

Azure MVPs

2

Offices



Gold Application Development
Gold Cloud Platform
Gold Data Analytics
Gold Data Platform
Gold DevOps



Microsoft®
Most Valuable
Professional

Microsoft
CERTIFIED
Trainer

Partner Seller
 Microsoft

Microsoft
Partner

2019 Partner of the Year Finalist
Application Innovation Award



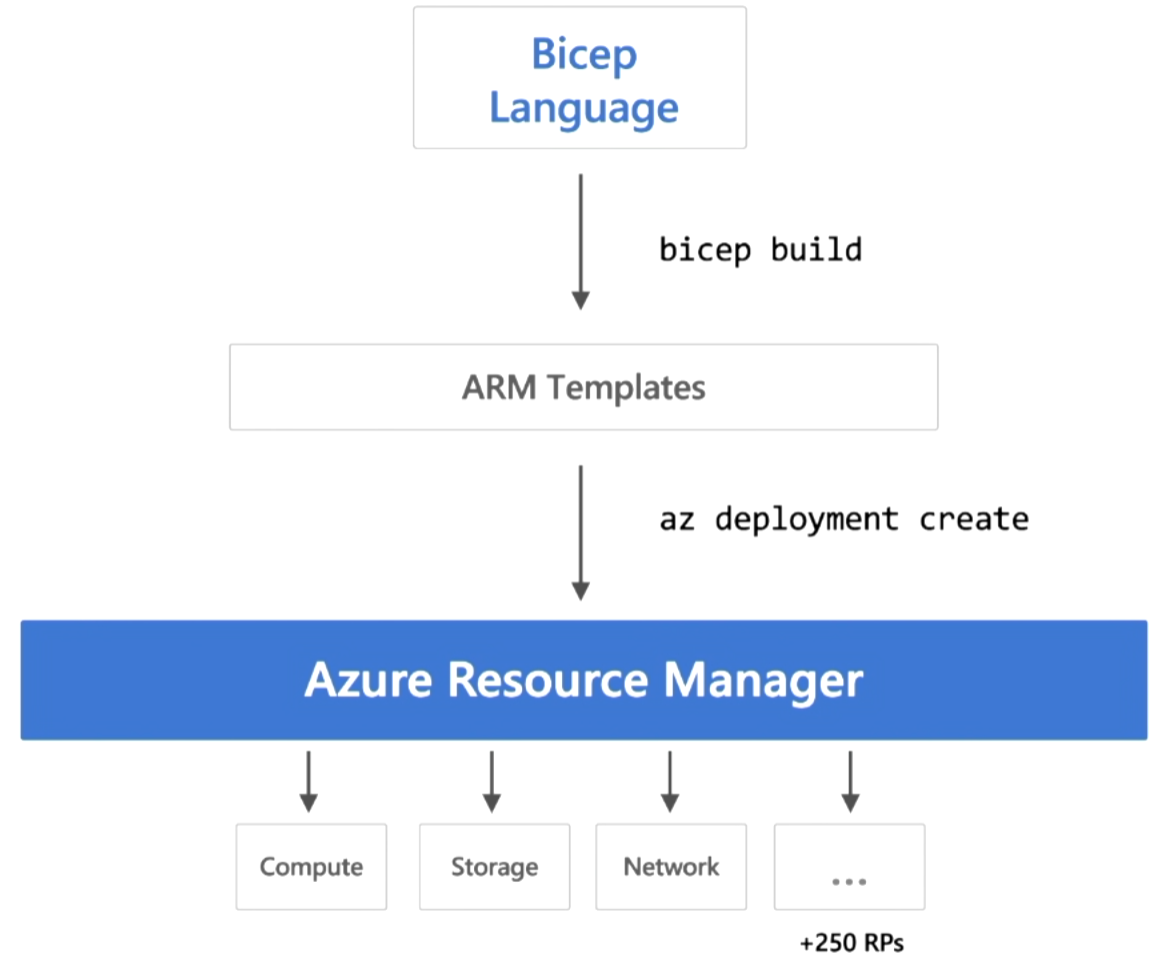
Overview of the session

- Look at what Bicep is, why am I talking about it and so on
- Demos
- Questions
- How to find more information?

Bicep

The next generation of Azure Infra as Code

What is Project Bicep?



Goals

Reduce current pain

Lower the barrier to entry

Transparent Abstraction – Leverage all the benefits of the platform

Modular – Abstract common blocks of config into reusable elements

Non-Goals

One language to rule them all

General purpose language to meet any need

Invent new technology

v0.1

Support for basic ARM
Template primitives

Simpler syntax

- No more [...] for expressions
- No quotes on property names
- Easy resource references

Auto dependsOn

v0.1

Support for basic ARM
Template primitives

Simpler syntax

- No more [...] for expressions
- No quotes on property names
- Easy resource references

Auto dependsOn

v0.2

Validation of all Azure
resource types

IntelliSense

Modules

Code formatting

Scopes

v0.1

Support for basic ARM
Template primitives

Simpler syntax

- No more [...] for expressions
- No quotes on property names
- Easy resource references

Auto dependsOn

v0.2

Validation of all Azure
resource types

IntelliSense

Modules

Code formatting

Scopes

TODAY!

v0.3

Parity with ARM
Templates 🚧

- Loops
- Conditionals

Integrated with
Az CLI + Az PoSH

De-compiler

Supported by MS
Support plans

Demo time!

Takeaways

- Simple syntax and much easier to use than ARM
- Easier to test & develop with module-pattern
- Production ready! Test it out!
- Decompilation process helps you get started

Resources & Links

- [Documentation](#)
- [Tutorials](#) / [Sample templates](#)
- [Playground](#)

- [huuhka.net](#)

Questions?

Slides: zure.ly/pasi/bicep

Thank you!

ZURE