

The IT Pro Transformation

How GitHub Copilot Changes Infrastructure Development

BEFORE COPILOT

1 Research Documentation

Searching Azure docs, Stack Overflow

15-30 min

2 Find & Adapt Examples

Copy-paste, trial and error

20-40 min

3 Write Infrastructure Code

Manual Bicep/Terraform authoring

30-60 min

4 Debug Deployment Errors

Cryptic error messages

15-45 min

5 Add Security Controls

Often forgotten or incomplete

20-30 min

6 Write Documentation

Usually skipped or outdated

30-60 min

TOTAL: 2-4 hours per task

⌚ Frustrating • ⚡ Repetitive • ⚡ Error-prone

WITH COPILOT

1 Describe Your Intent

Natural language prompt

2 min

2 Review AI Suggestions

Context-aware code generation

3 min

3 Refine & Customize

Iterative improvement

5 min

4 Validate & Deploy

Built-in best practices

5 min

⌚ Security Built-In: Best practices by default

⌚ Auto-Documentation: Generated as you code

⌚ Consistent Quality: Follows your patterns

TOTAL: 15-20 minutes per task

⌚ Fast • ⚡ Consistent • ⚡ Secure

78%

Time Saved

on IaC development

83%

Faster

documentation

10+

Hours/Week

recovered per IT Pro

Week 1

Break-Even

on investment