

## Infrastructure as Code with Chef, VSTS and Azure

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Principal Engineer – Community Engineering at Chef

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# About me



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- Principal Engineer in Community Engineering at Chef
- Focused on community adoption of open source, including community cookbooks and integrations
- Microsoft Azure MVP since July 2016
- Live in York, England
- **@stuartpreston** in most places



# Demo Outcome

“Implement a continuous delivery pipeline for Chef cookbooks, using only VSTS and Azure”.



# Success with pipelines in VSTS

- Have a versioning strategy
- Produce a single artifact that can be reused across environments
- A successful build triggers an instance of the “pipeline”
- VSTS Environments are used as logical steps in the pipeline
- May have manual approval steps, or automated ones
- Include smoke testing and test result traceability
- May include provisioning of any “infrastructure” required as part of the pipeline

# Links

- Chef Automate on Azure Marketplace – <https://tinyurl.com/AutomateAzure>
- Chef Integration for VSTS/TFS – <http://marketplace.visualstudio.com>
- Learn Chef Rally – <http://learn.chef.io>
- Contribute to Chef on Github <http://chef.github.io/>



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## Using Chef with Microsoft Azure

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Stuart Preston

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