

# Azure DevOps Deep Dive

Building custom extensions



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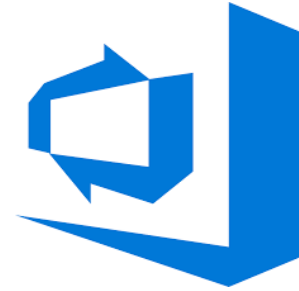
Azure MVP

*@stephaneeyskens*

## Objectives

Understand the main Azure DevOps Components, the basics about custom tasks/extensions

A glimpse of advanced scenarios



# Agenda

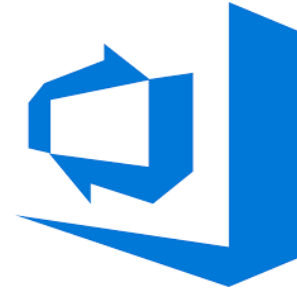
Review of the available components

Demo: Using an extension, review  
an existing extension

Demo: building a first extension,  
update an existing extension

Demo: debugging an extension

Demo: creating custom Service  
Endpoint Types, authenticating  
against remote services with API  
Token and Client Certificates

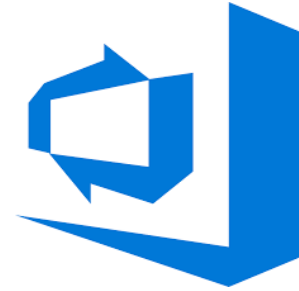


## Task vs Extension

A task is a single unit of work

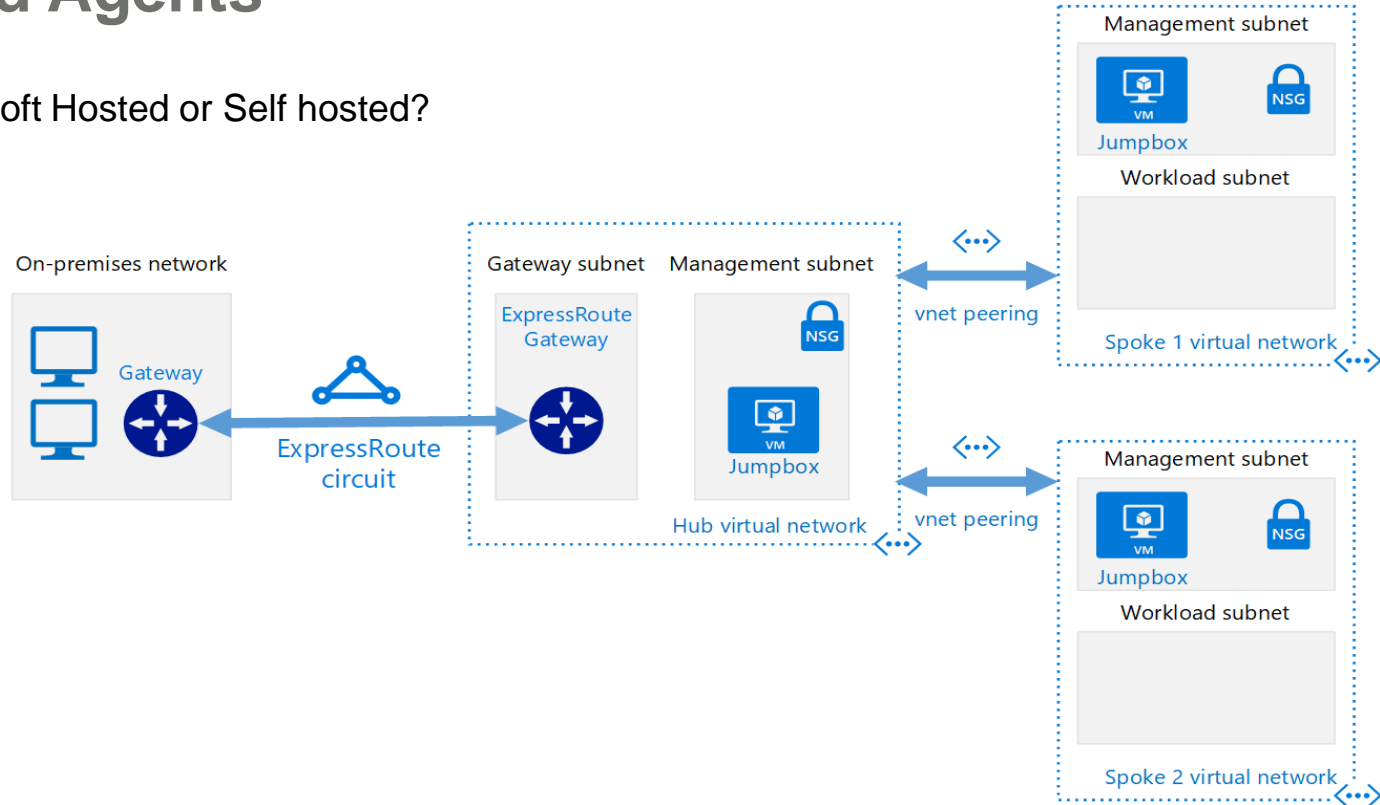
An extension is a set of tasks

Only extensions maybe published /  
shared



# Build Agents

Microsoft Hosted or Self hosted?



# Service Endpoints

Public or Private?

Task configuration vs Task code

Endpoints XAML build services

+ New service connection ▾

Azure Service Bus

Bitbucket Cloud

Chef

Bitbucket Cloud

Demo Service Endpoint

Docker Host

Docker Registry

External Git

Generic

GitHub

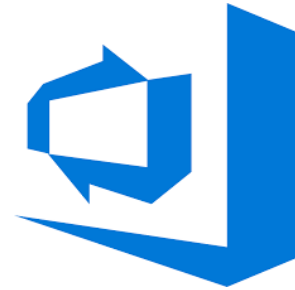
GitHub Enterprise

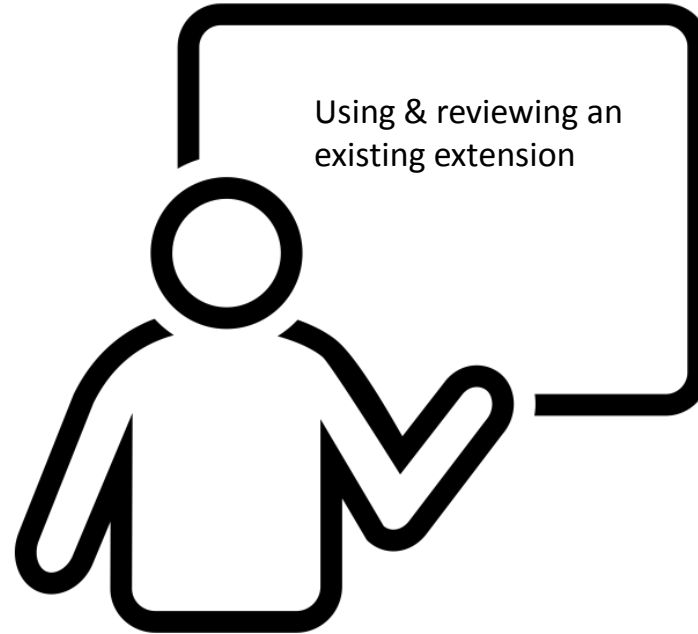
## Before starting to build

Public market place or not?

Which language?

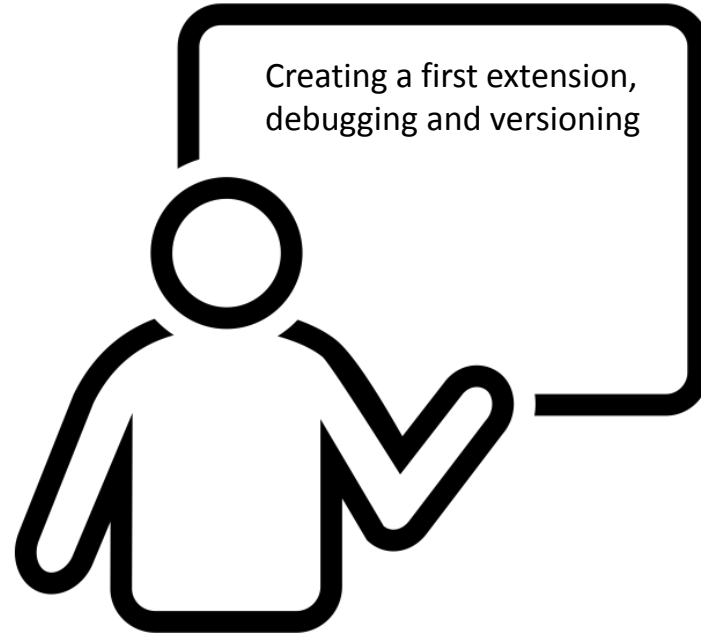
Identify the target, custom agent  
might be required



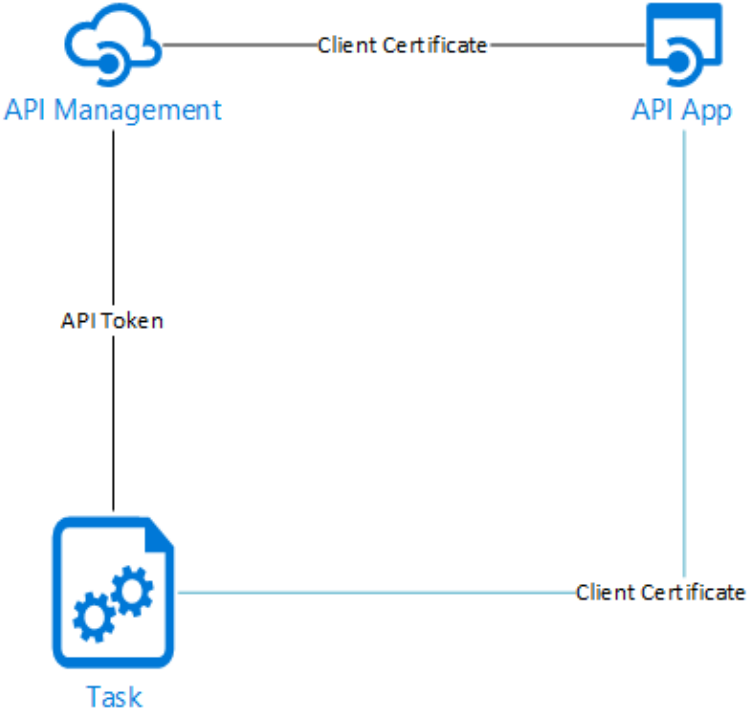


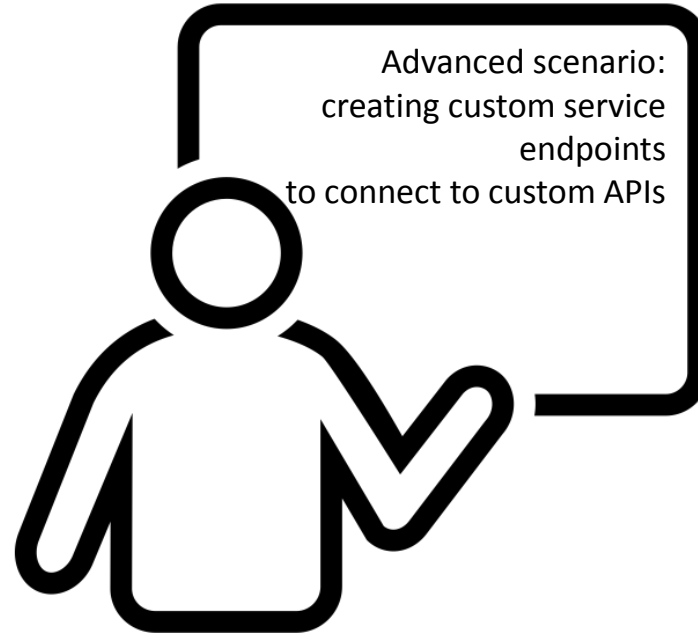
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# Q&A