Managing VMs with the SSM Agent

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Module Overview
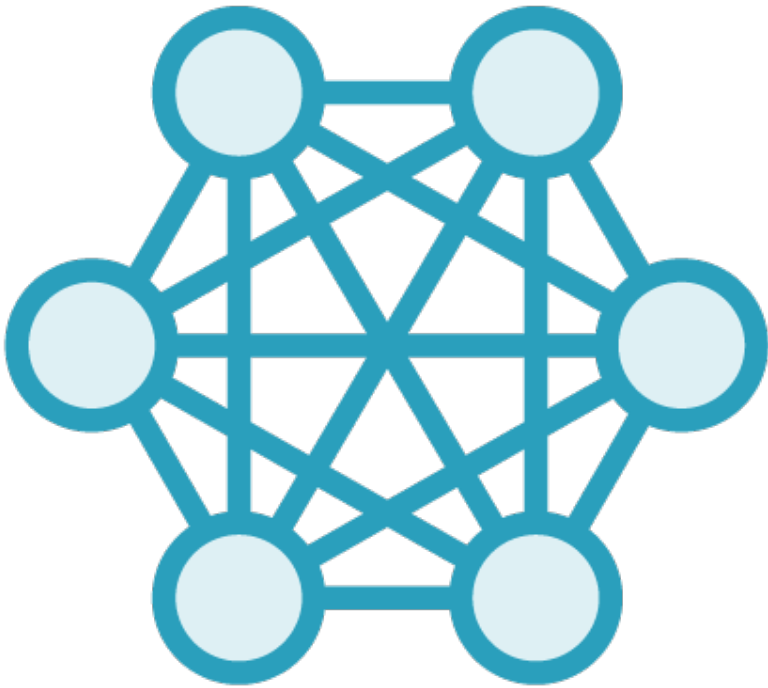
Supporting infrastructure deployment

Ec2Agent reborn as SSM Agent

Installation of SSM Agent

Configuration of SSM Agent

Supporting Infrastructure

Best practices

Deployment of
- Virtual Private Cloud (VPC)
- 3 tier subnet topology
- Internet Gateway
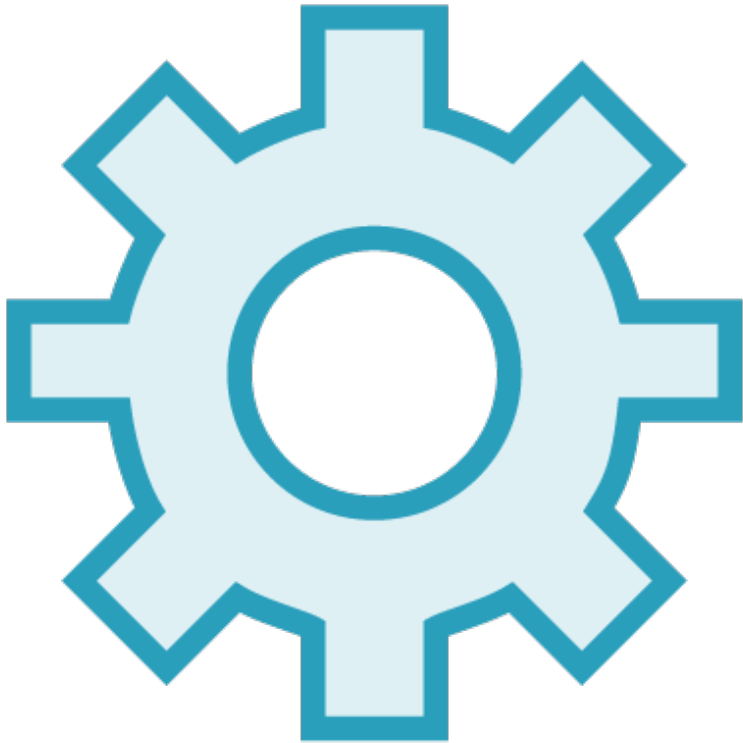- Locked down Security Group

AWS CloudFormation template

Demo

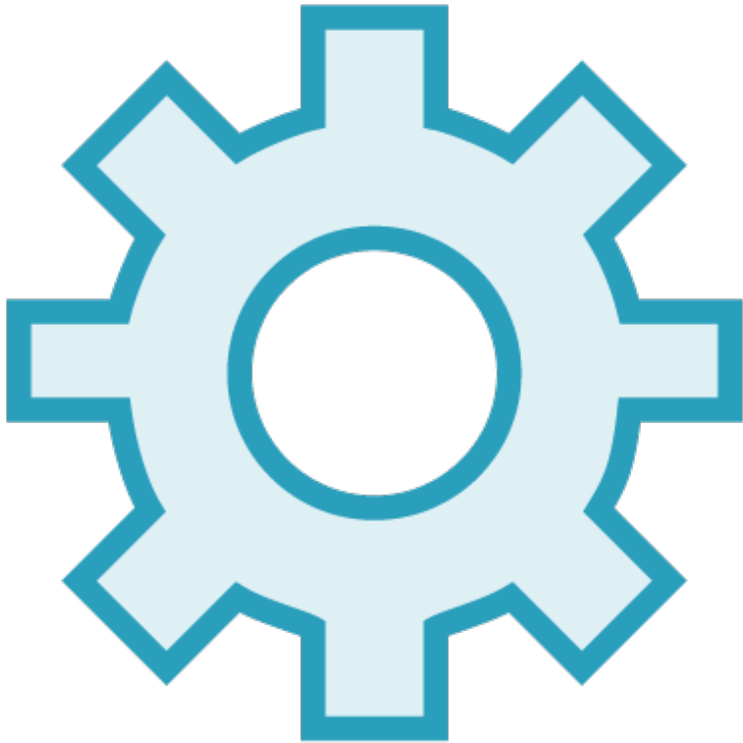**Deployment of supporting infrastructure**

Ec2Agent Reborn as SSM Agent

Ec2Agent rebranded

Ec2Agent re-released as SSM Agent

- Tight integration into SSM and other AWS services

- Open Source https://github.com/aws/amazon-ssm-agent

Installation of SSM Agent

Included on Windows AMIs post November 2016 and Amazon Linux

Needs to be installed on other Linux distros

Native integration on AWS EC2
- Can be installed on any server, on-premises and any cloud

Demo

Installation of Agent on CentOS

Demo

Installation and configuration of SSM Agent on On-premises Windows Server

Module Summary

What is the SSM Agent?

SSM Agent installation

Deployment and configuration on Linux and Windows Servers