Installing Service Fabric

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SOFTWARE ARCHITECT
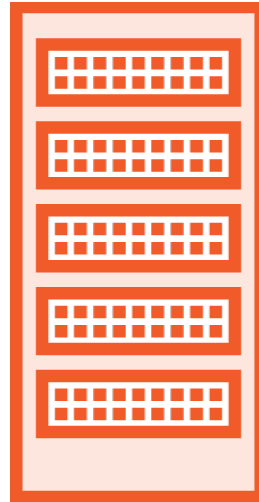
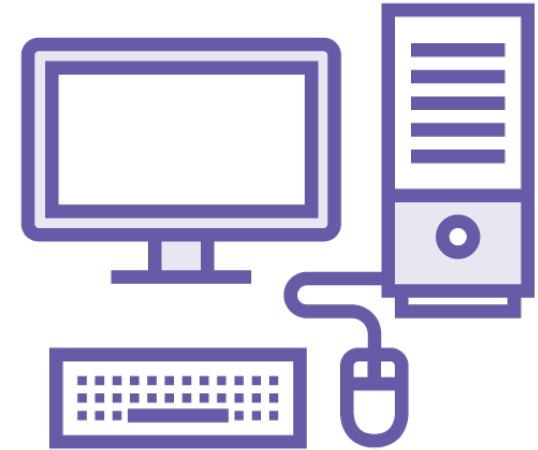@aloneguid http://isolineltd.com
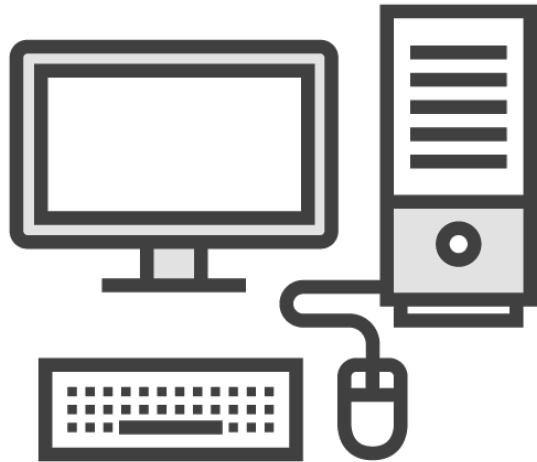
Supported Environments

Public Clouds

On-premises

Developer Workstation

Runs production version of Service Fabric

Fix issues before they go into production

Create clusters with required parameters
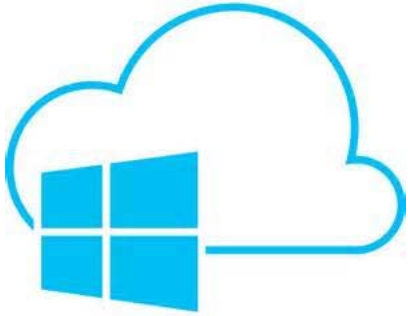
Simulate real life disasters

OneBox

Azure Service Fabric Cluster deployed to a single development machine.

Public Clouds

Microsoft Azure

Amazon Web Services

Google Cloud Platforms

Anywhere Else

First Class Support

On-premises

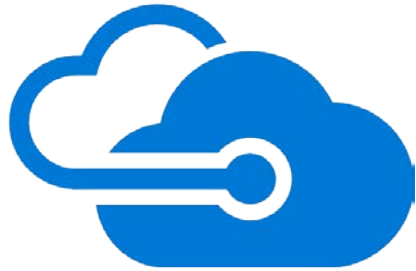**Windows Server
2012 R2

2016**

Linux

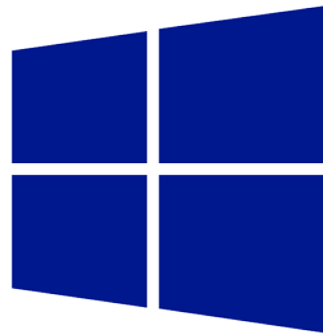**Ubuntu 16.04
(public preview)**

**Mac OSX
via emulator**

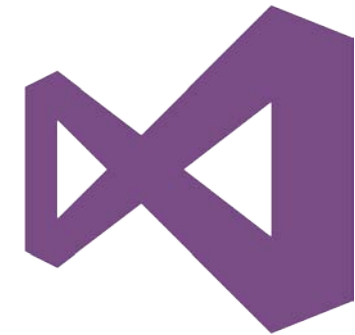# Path of the Least Resistance

Microsoft Azure Cloud

Microsoft Windows 10

Windows 7 SP1 and up

64 bit

Microsoft Visual Studio 2017

Community Edition

Demo

Get development environment ready

- Install Visual Studio 2017

- Install Service Fabric tooling

- Install Service Fabric SDK

- Validate Service Fabric cluster is running
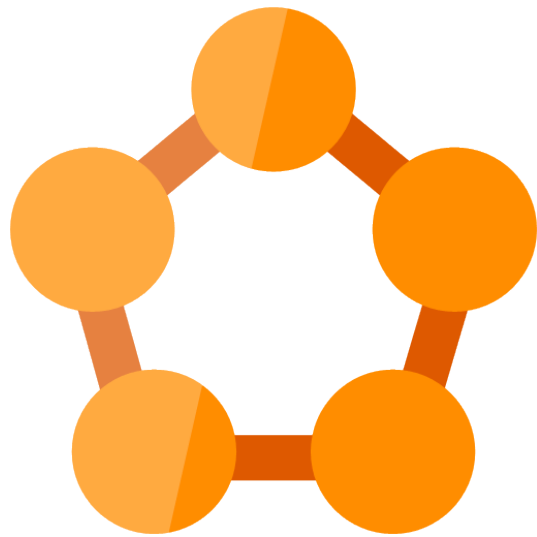
- Create a simple app on local cluster

Getting Visual Studio Ready

Installing Azure Service Fabric SDK

Azure Service Fabric is "modular"

No dependency on Microsoft Visual Studio

Other IDEs
- Visual Studio Code
- Jetbrains Rider
- Notepad++
- Any other editor...

Creating a Simple Application

The Permissions Dilemma

NETWORK SERVICE   ACCESS DENIED   **YOU**

Summary

Supported environments
- Public clouds
- On premise

Not a local emulator (OneBox)

Preparing development environment
- Visual Studio 2017
- Service Fabric SDK

Validating development environment