

Azure Government Starter Pack: Dev Test



This document provides an overview of the Dev Test Starter Pack for GSA IT Schedule 70, powered by Microsoft Azure Government.

Designed to help government customers get up and running quickly with common cloud workloads, the Starter Packs include essential services, support, and implementation guidance for such scenarios as datacenter migration, dev-test, and websites.

Azure Government is an exclusive instance of Microsoft Azure with world-class security and controls designed for highly sensitive data, enabling government customers to safely transfer mission-critical workloads to the cloud.

Azure Government has over 38 services included in our FedRAMP High compliance program and robust networking throughout the United States with 8 announced regions, including 2 DoD regions certified at Impact Level 5, all connected via private dark fiber. Each region is over 500 miles apart with data replication across regions for business continuity.

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Summary

The Dev Test Starter Pack, powered by Azure Government, provides government customers with a packaged dev-test environment in your choice of three sizes: small, medium, or large. The Dev Test Starter Pack includes a week of support with a Microsoft FastTrack for Azure engineer(s) or a Technical Architect to onboard you to your packaged dev-test environment.

Development and testing in Azure helps you deliver more features faster—with a comprehensive set of development and testing tools for your team to collaborate and deploy at cloud speed. Quickly create consistent development and test environments on your terms through a scalable, on-demand infrastructure.

In this document, you'll also find three solution architectures and implementation guides to help you build out your solution:

- Dev Test environment for testing PaaS solutions
- Dev Test environment for testing IaaS solutions
- Dev Test environment for testing microservice solutions

Three size options for the Dev Test Starter Pack are available to reflect the choices you may need to create development and testing environments specific to your requirements.

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Azure services included

Azure Virtual Machines: With support for Linux, Windows Server, SQL Server, Oracle, IBM, and SAP, Azure Virtual Machines gives you the flexibility of virtualization for a wide range of computing solutions—development and testing, running applications, and extending your datacenter. It's the freedom of open-source software configured the way you need it, giving you the power to deploy an application in seconds instead of weeks.

Azure Bandwidth: The Dev Test Starter Pack includes 10 GB of North America bandwidth (egress). Bandwidth refers to data moving in and out of Azure data centers other than those explicitly covered by the Content Delivery Network or ExpressRoute pricing. Data going into Azure data centers is free.

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How to buy

To buy one of the Dev Test Starter Packs, please order the following Microsoft SKU through a [Microsoft Licensing Solution Provider \(LSP\)](#) or your Microsoft account representative. Within each of these SKUs, you'll have the flexibility to select the services you need for your specific workload.

Dev Test – Small: \$18,000 J5U-00001 AzureG Commit

Dev Test – Med: \$45,000 J5U-00001 AzureG Commit

Dev Test – Large: \$85,000 J5U-00001 AzureG Commit

The tables below detail estimated pricing for the services included in the Dev Test Starter Packs:

Small Starter Pack

Service type	Region	Description	Estimated Cost
Virtual Machines	US Gov Virginia	6 A1 (1 vCPU(s), 1.75 GB RAM) x 730 Hours; Windows – (OS Only); Pay as you go; 10 managed OS disks – S10	\$210.00
Virtual Machines	US Gov Virginia	2 A2 (2 vCPU(s), 3.5 GB RAM) x 730 Hours; Windows – SQL Server; Pay as you go; 6 managed OS disks – S4	\$830.00
Bandwidth	US Gov Virginia	Zone 1: North America, Europe, 10 GB	\$20.00
Virtual Machines	US Gov Virginia	6 A1 (1 vCPU(s), 1.75 GB RAM) x 730 Hours; Linux – Red Hat Enterprise Linux; Pay as you go; 10 managed OS disks – S4	\$420.00
Monthly Total			\$1,480.00
Annual Total			\$17,760.00

Medium Starter Pack

Service type	Region	Description	Estimated Cost
Virtual Machines	US Gov Virginia	10 Basic A1 (1 vCPU(s), 1.75 GB RAM) x 730 Hours; Windows – (OS Only); Pay as you go; 10 managed OS disks – S10	\$350.00
Virtual Machines	US Gov Virginia	20 Basic A2 (2 vCPU(s), 3.5 GB RAM) x 730 Hours; Windows – (OS Only); Pay as you go; 20 managed OS disks – S10	\$1,700.00
Virtual Machines	US Gov Virginia	1 Basic A2 (2 vCPU(s), 3.5 GB RAM) x 730 Hours; Windows – SQL Server; Pay as you go; 4 managed OS disks – S4	\$1,650.00
Bandwidth	US Gov Virginia	Zone 1: North America, Europe, 100 GB	\$20.00
Monthly Total			\$3,720.00
Annual Total			\$44,640.00

Large Starter Pack

Service type	Region	Description	Estimated Cost
Virtual Machines	US Gov Virginia	25 Basic A1 (1 vCPU(s), 1.75 GB RAM) x 730 Hours; Windows – (OS Only); Pay as you go; 2 managed OS disks – S10	\$850.00
Virtual Machines	US Gov Virginia	35 Basic A2 (2 vCPU(s), 3.5 GB RAM) x 730 Hours; Windows – (OS Only); Pay as you go; 3 managed OS disks – S10	\$3100.00
Virtual Machines	US Gov Virginia	6 BasicA2 (2 vCPU(s), 3.5 GB RAM) x 730 Hours; Windows – SQL Server; Pay as you go; 4 managed OS disks – S4	\$2,400.00
Bandwidth	US Gov Virginia	Zone 1: North America, Europe, 10 GB	\$20.00
Virtual Machines	US Gov Virginia	10 Basic A1 (1 vCPU(s), 1.75 GB RAM) x 730 Hours; Linux – Red Hat Enterprise Linux; Pay as you go; 10 managed OS disks – S4	\$700.00
Monthly Total			\$7,070.00
Annual Total			\$84,840.00

Disclaimer

All prices shown are in US Dollar (\$). This is a summary estimate, not a quote. For up-to-date pricing information please visit <https://azure.microsoft.com/pricing/calculator/>. This estimate was created 7/15/2018 8:13:35 PM UTC.

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Support and implementation resources

Dev Test Starter Pack support includes:

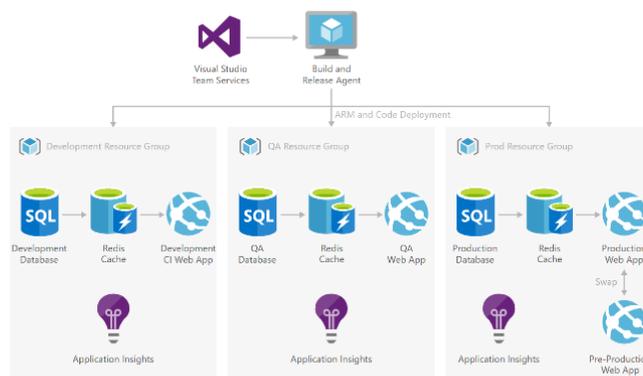
The Dev Test Starter Pack includes a week of support with a FastTrack for Azure engineer(s) or a Technical Architect to onboard you to your packaged dev-test environment. When you purchase this starter pack, the certified reseller will work with your Microsoft account team to determine the appropriate resource to provide the onboarding.

[FastTrack for Azure](#) helps you build solutions quickly and confidently with direct assistance from Azure engineers who work hand-in-hand with partners. During a typical FastTrack engagement, we help you define the business vision to plan and develop Azure solutions successfully, assess your architectural needs, and provide guidance, design principles, tools, and resources to help you build, deploy, and manage your Azure solutions. This a separate program with distinct eligibility requirements from Azure Government, including an active paid Azure subscription and a project estimated to consume a minimum of \$5000/month of Azure services. Read the [eligibility requirements for FastTrack for Azure](#) to assess whether this is a fit for your organization.

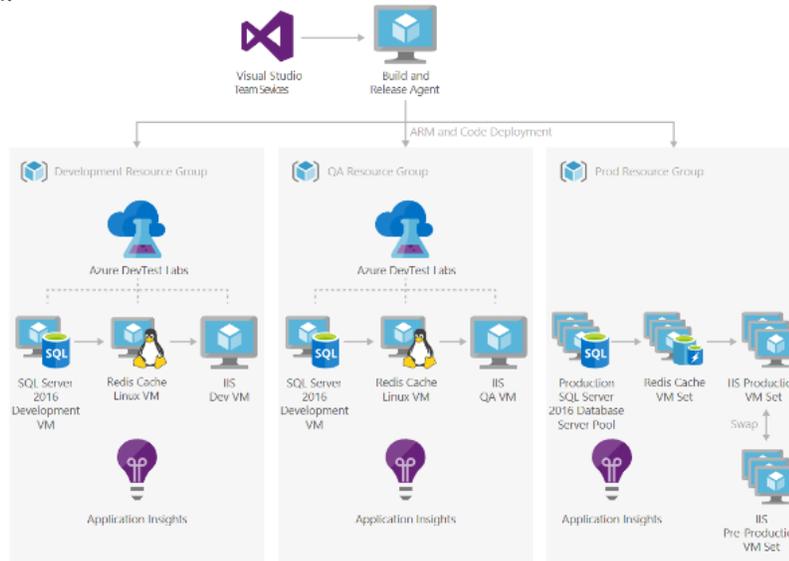
Sample solution architectures:

The dev-test environment can be as wide as you would like it, encompassing your entire suite of tools, or as narrow as a single project that you need to develop, test and then move to an operational process. Choose a small, medium, or large starter pack and then configure your workload with one of the following solution architectures.

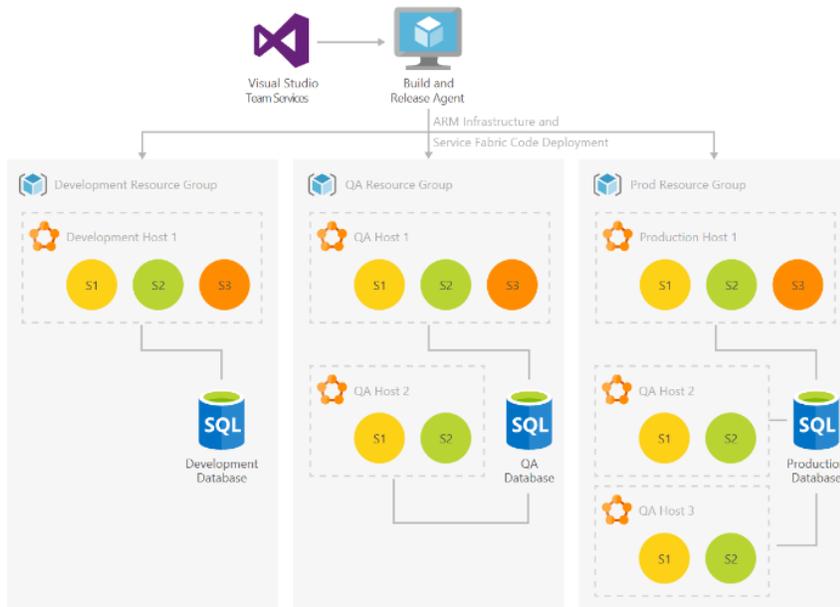
Solution architecture 1: [Dev-Test deployment for testing PaaS solutions.](#) This architecture represents how to configure your infrastructure for development and testing of a standard PaaS-system:



Solution architecture 2: [Dev-Test deployment for testing IaaS solutions.](#) This architecture represents how to configure your infrastructure for development and testing of a standard IaaS-based SaaS system:



Solution architecture 3: [Dev-Test deployment for testing microservice solutions](#) represents how to configure your infrastructure for development and testing of a microservices-based system:



Contact your designated Microsoft account representative or partner to help you get started, or email [Microsoft Azure Starter Packs](#) with any questions.