infrastructure services

**HOSTED CLOUDS**

Virtual Machines and Virtual Network deliver cloud infrastructure that will quickly adapt to your changing business needs. You get scalable, on-demand compute, network, and storage while paying only for what you use — by the minute. And you can easily move apps between Windows Azure, hosted clouds, and on-premises.

- → Bring your existing app as-is, no changes required
- → Extend your datacenter to the cloud with Virtual Network
- → Manage with System Center as you do on-premises
- → Authenticate with Active Directory

WINDOWS AZURE

ON-PREMISES
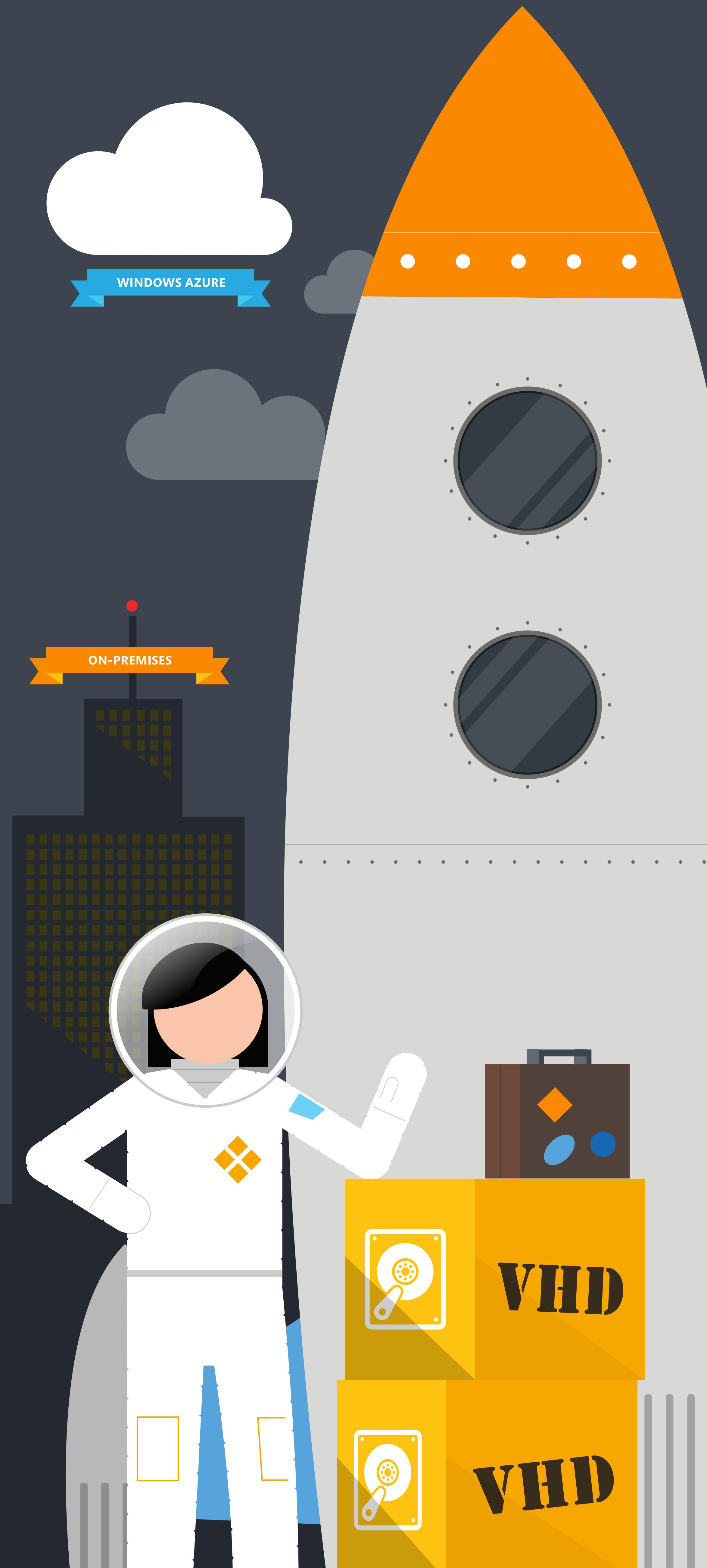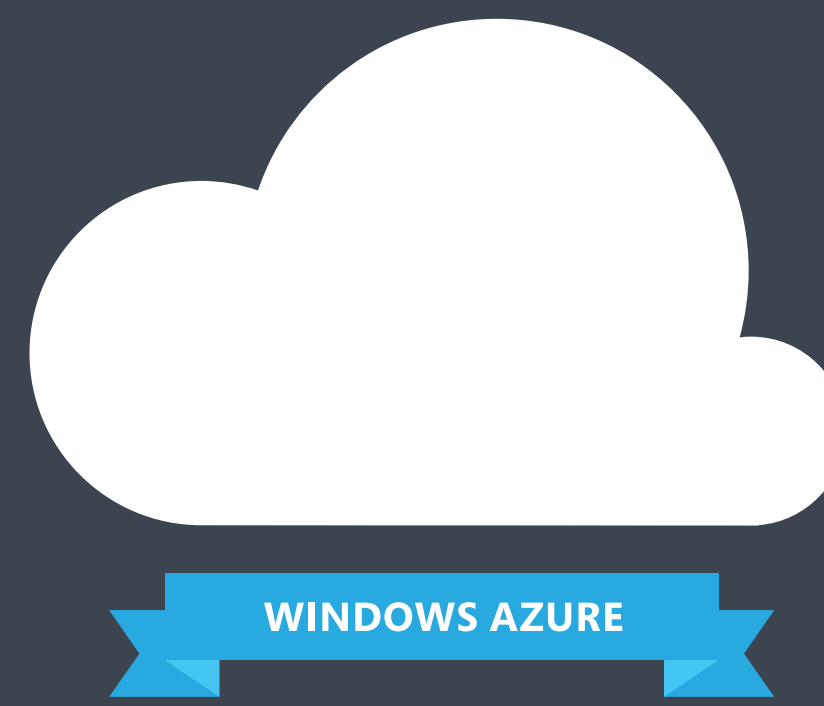
GETTING STARTED

If you have worked in virtual environments using Windows Server or Hyper-V, you already know how to work with Windows Azure Virtual Machines. You have several ways to get started:

- → Upload your own custom images and data disks in .vhd format
- → Convert your VMware images to .vhd and upload them with Windows PowerShell
- → Choose from pre-built Microsoft and open source images in the Image Gallery or VMDepot
- → Create and then modify a running VM and capture it as a new image to clone additional VMs

CUSTOM GALLERY VMDEPOT

VIRTUAL MACHINES

VHD

DEVELOPER + IT PRO = ENTERPRISE
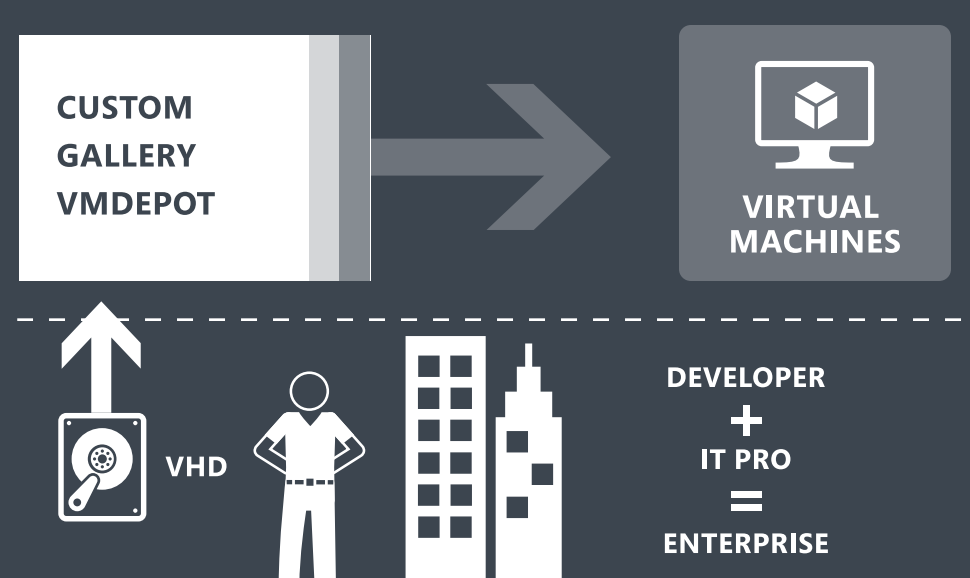
DEV AND TEST

Quickly create dev and test environments using Virtual Machines and test at scale, using tools such as Visual Studio and Team Foundation Server to track bugs and improvements.

You pay only for what you use and Windows Azure bills by the minute and not by the hour. (Tip: automate it all with Windows PowerShell and the minute-by-minute savings can add up fast.)

BUILD   TEST   TFS   VISUAL STUDIO

DEVELOPER TESTER & PM

FREE UP YOUR ON-PREMISES INFRASTRUCTURE
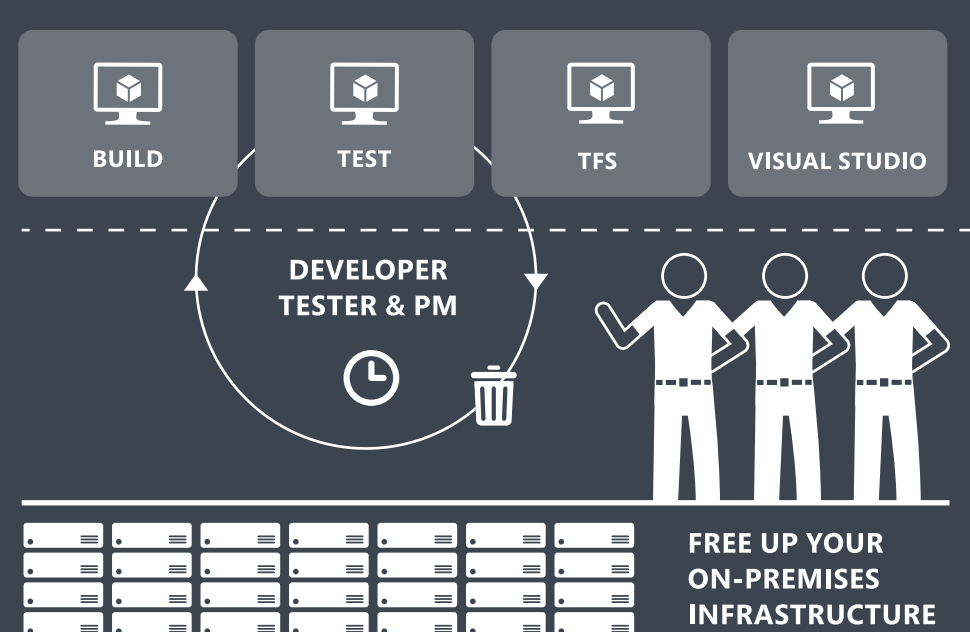
APP HOSTING

Meet the growing infrastructure needs of existing apps in the cloud with no changes required. If your app runs in Hyper-V, it runs in Virtual Machines. Scale up or down for a range of app hosting scenarios.

Run Microsoft workloads such as Dynamics NAV, GP, and BizTalk Server in Virtual Machines and get direct Microsoft support. Connect to on-premises apps and data through a virtual private network for your hybrid architectures.

SYSTEM CENTER

MANUAL LOAD BALANCER   AUTOMATIC LOAD BALANCER

HYPER-V

ON-PREMISES   WINDOWS AZURE

VPN
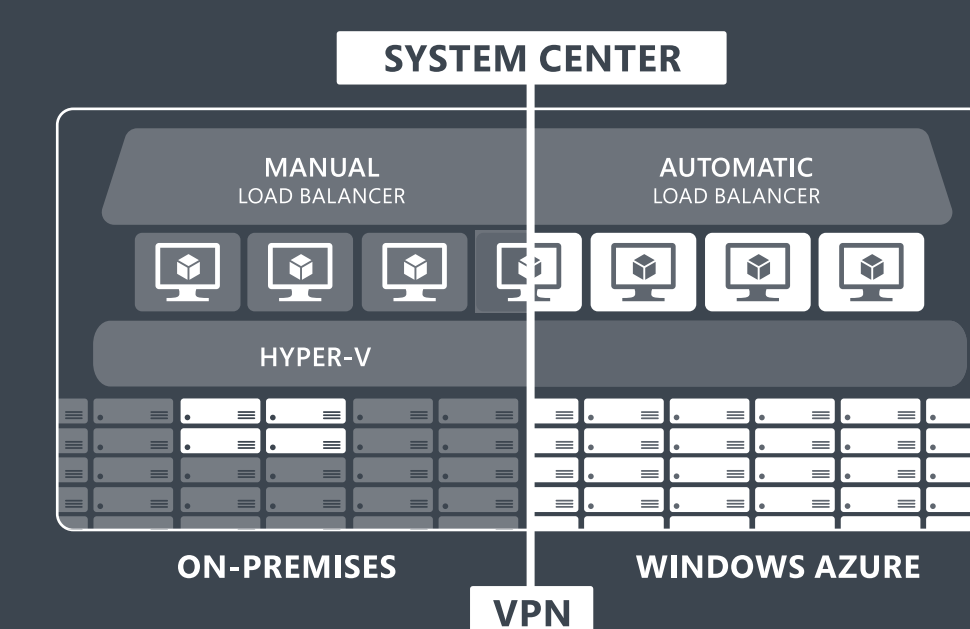
INFRASTRUCTURE FOR SQL SERVER

Get full SQL Server functionality in the cloud by running SQL Server in your Virtual Machines. Prototype and test new apps or extend your existing SQL Server apps into the cloud.

Quickly improve high availability and disaster recovery for your on-premises SQL Server databases with AlwaysOn secondaries in Windows Azure Virtual Machines.

SNAPSHOT STORAGE

VM RESTORE

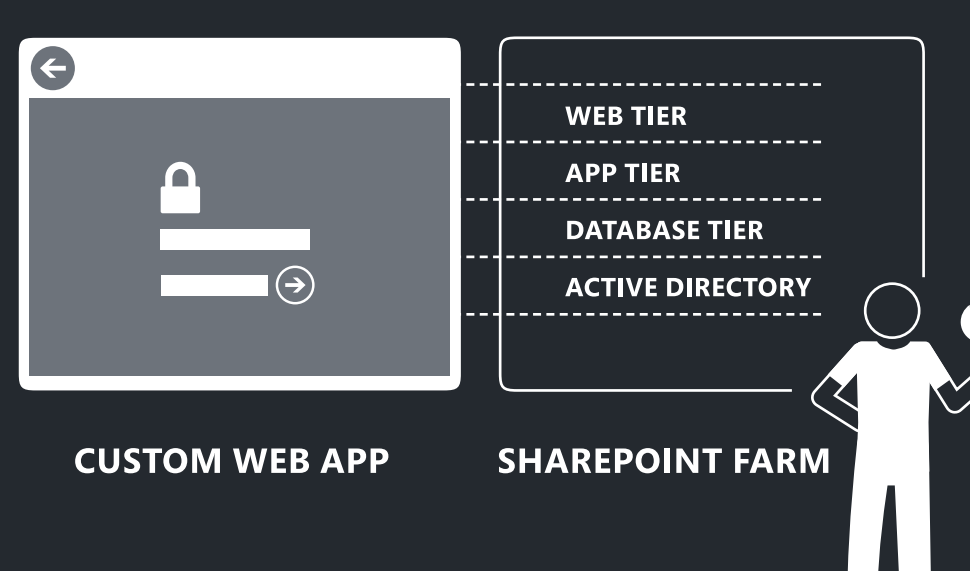ON-PREMISES   WINDOWS AZURE
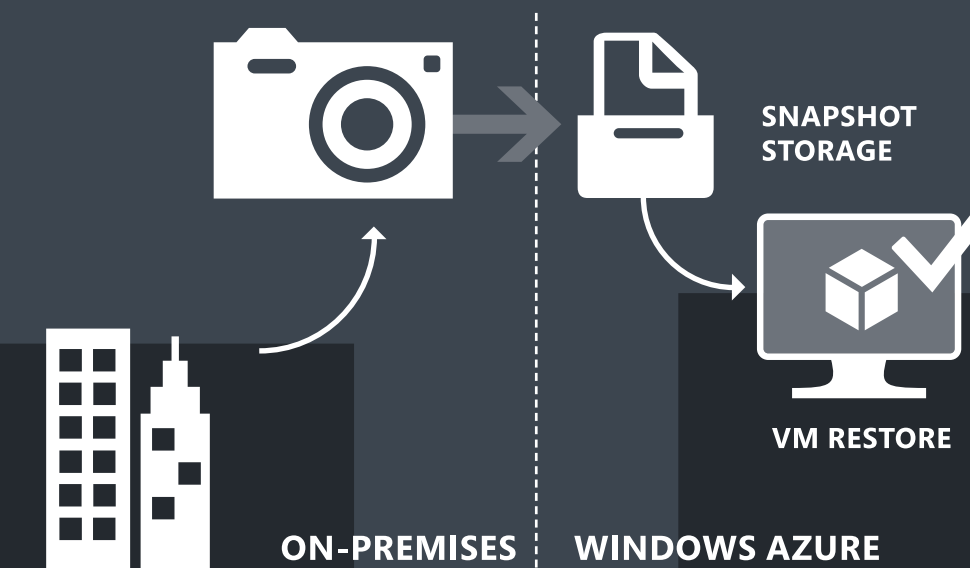
SINGLE SIGN-ON FOR HYBRID APPS

Bring your existing business identities to apps running in Virtual Machines by connecting to your on-premises Active Directory through Virtual Network.

Are you running Office 365? Sync your on-premises identities for single sign-on using Active Directory Federation Services (ADFS). ADFS puts you in control and integrates your users, employees, and partners.

OFFICE 365

WINDOWS AZURE

ACTIVE DIRECTORY
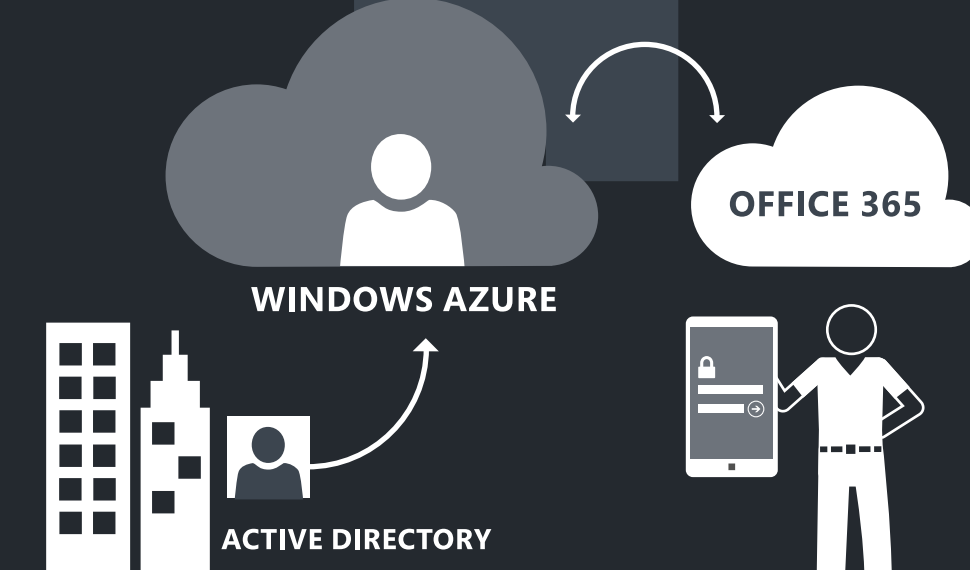
SHAREPOINT FARMS

Create and manage SharePoint farms quickly without upfront capital investments. Use full trust code to build rich apps and custom business logic in SharePoint and create Internet-facing sites that scale on-demand to meet growing traffic. Automate your deployments with Windows PowerShell for even faster turn-around and keep it all secure by connecting with on-premises identities through Active Directory.

WEB TIER
APP TIER
DATABASE TIER
ACTIVE DIRECTORY

CUSTOM WEB APP   SHAREPOINT FARM

VHD

VHD

Like it? Get it.

Microsoft