

# Microsoft Azure Websites

## Datasheet

### Introduction

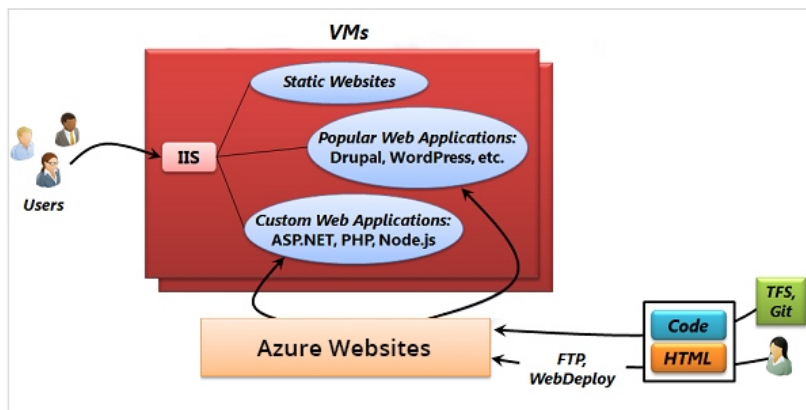
The IT Landscape is changing rapidly with a move away from hosting on traditional servers with their high capital costs to one that uses on-demand services that scale automatically to handle load. IT Departments are being challenged to reduce the cost and footprint of infrastructure and maintenance spend with a focus on reducing CAPEX while also increasing agility.

Users are increasingly looking for their Line of Business (LOB) web applications to be quick, responsive, and available from any device. At the same time, businesses are trying to capitalize on the increased productivity and efficiency that comes from integration with cloud and mobile services.

Microsoft Azure Websites is a fully managed Platform-as-a-Service (PaaS) for hosting websites and web applications. You do not have to manage virtual machines, network load balancers, or deployment infrastructure yourself. All of these capabilities are provided by the Azure Websites service. Focus on your application code, and let Azure take care of the infrastructure to scale and securely run it for you.

### Azure Websites PaaS Model

People use web technologies in many different ways. A corporation may need to migrate or setup a presence website that can handle millions of hits a week and be deployed in several data centers across the globe. A web design agency might work with a team of developers to build a custom web application capable of handling thousands of users. A corporate developer may need to setup an application to track expense reports in the Cloud for authenticated users from his corporate Active Directory. An IT consultant might use a popular open source application to set up a content management system for a small business. All of these things could be accomplished using Azure Virtual Machines. But creating and managing raw VMs requires some skill and takes effort. If you need to implement a website or web application, there's an easier and cheaper solution: the approach commonly known as Platform-as-a-Service (PaaS). Azure provides this with Websites.



Azure Websites is built on top of Azure Cloud Services to create a Platform as-a-Service solution optimized for running web applications. As the figure shows, Websites runs on a set of single VMs that may contain multiple websites created by multiple users as well as standard VMs that belong to an individual user. VMs are a part of a pool of resources managed by Azure Websites and thus allow for high reliability and fault tolerance.

Getting started is easy. With Azure Websites, users can select from a range of applications, frameworks and template and create a website in seconds. They can then use their favorite development tools (WebMatrix, Visual Studio, any other editor) and source control options to setup continuous integration and develop as a team. Developers can create large, scalable web applications with Websites. The technology supports creating applications using ASP.NET, PHP, Node.js and Python. Applications built on Websites are free to use other aspects of Azure, such as Service Bus, SQL Database, and Blob Storage. You can also run multiple copies of an application in different VMs, with Websites automatically load balancing requests across them. And because new Websites instances are created in VMs that already exist, starting a new application instance happens very quickly; it's significantly faster than waiting for a new VM to be created.

As the figure shows, you can publish code and other web content into Websites in several ways. You can use FTP, FTPS, or Microsoft's WebDeploy technology. Websites also supports publishing code from source control systems, including Git, GitHub, CodePlex, BitBucket, Dropbox, Mercurial, Team Foundation Server, and the cloud-based Team Foundation Service.

## Key Features of Azure Websites

### Support for Popular Languages and Frameworks

Build using popular languages such as ASP.NET, Java, PHP, Node.js or Python. Run popular web apps and CMS solutions including WordPress, Drupal, Joomla and Umbraco

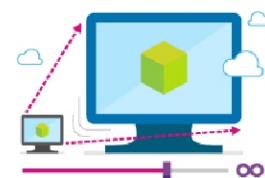


### Minimal Operation Overheads

Run your Web apps in a high-availability environment and remove virtually all infrastructure maintenance with automatic OS and framework patches. Web apps deployed with Azure Websites are isolated and are hosted in VMs dedicated to your applications – ensuring predictable performance and security isolation.

### Automatically Scale

Azure enables you to quickly scale-up or out to handle any incoming customer load. Manually select the number and size of VMs or set up auto-scaling to scale your servers based on load or schedule.



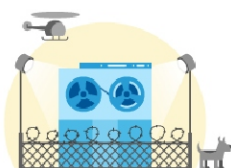
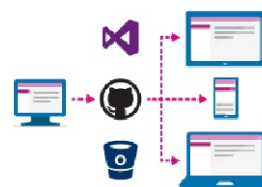


## Access on-premises data

Azure enables you to build websites that can consume data from your own data center. With Hybrid Connections and VNET it's easy to access your data securely from your on-premises data centers - or anywhere else in the world. Azure Active Directory enables you to limit access to only your employees or partners.

## Easy Deployment

Set up continuous integration and deployment workflows with VSO, GitHub, TeamCity, Hudson or BitBucket – enabling you to automatically build, test and deploy your web app on each successful code check-in or integration tests.



## Auto Backup

Automatically back up your site and database. Your code and data is secure from disaster and easily restored allowing you to run your business with confidence.

## Efficient Monitoring and Diagnostics

React to issues in real-time with monitoring and alerts to automatically notify you and your team.



## Testing and Staging Environments

Create multiple private testing and staging environments for your web apps. Use them to perform testing before you deploy. Swap to production with no downtime. Web apps are pre-loaded ensuring the best customer experience.

# Business Benefits

### Enterprise Class Hosting

Azure Websites provides a stable, reliable platform which has been proven to be able to handle a wide variety of business needs from small internal development and test workloads, to highly scaled high traffic websites. By using Azure Websites you are making use of the same enterprise class hosting platform which Microsoft as a company uses for high value web workloads. Azure Websites, along with all services on the Azure platform, are built with security and compliance with regulatory requirements.

### Global Scale

Azure Websites is a global and scalable platform, enabling your web applications to grow and adapt to the needs of a growing business quickly and with minimal long term planning and cost. In typical on premises infrastructure scenarios, expansion and increase in demand both locally and geographically would require a large amount of management, planning and expenditure to provision and manage additional infrastructure. Azure Websites offers the ability to scale your web applications with the ebb and flow of your requirements.

### Cost Savings

Azure Websites is built on a Platform-as-a-Service model which reduces the cost of running and maintaining web applications. No longer do you need to spend hours managing VMs and patching Operating Systems and Frameworks, thereby reducing investment in infrastructure personnel. Azure Websites is an automatically patched environment which enables you to focus on managing your web applications and not VMs, leaving teams free to provide additional business value.

# Pricing Details

### Service Tiers

The Azure Websites service is available in Free, Basic and Standard editions. The Free tier allows you to host up to 10 Websites in a shared environment. Basic and Standard tiers run your web apps in private Virtual Machines which are dedicated to your apps. You can host multiple websites/domains in each Basic and Standard instance you deploy.

	FREE	BASIC	STANDARD
Number of unique websites/apps	10	Unlimited	Unlimited
Disk Space	1 GB	10 GB	50 GB
Maximum daily bandwidth	Up to 165 MB per day	Unlimited	Unlimited
Custom DNS domain support	--	✓	✓
SSL certificate support	--	SSL pricing applies	5 SNI SSL and 1 IP SSL included at no cost
Maximum VM instances	--	3 dedicated VM instances	10 dedicated VM instances
Autoscale support	--	✓	✓
Staged Publishing Slots	--	1 slot per site	5 slots per site
Web sockets	5 connections	350 connections	Unlimited
Automated Backups	--	--	✓
Global Traffic Management	--	--	✓
SLA	Not available	99.95%	99.95%

## Basic Tier

Designed for web apps with lower traffic requirements, and which do not need more advanced autoscale and traffic management features. You can host unlimited websites/domains using the Basic tier. Pricing is based on the size and number of VM instances you run. Built-in network load balancing support automatically distributes traffic across the VM instances.

INSTANCE	CORES	RAM	STORAGE	PRICES
<b>B1</b> Basic	<b>1</b>	<b>1.75 GB</b>	<b>10 GB</b>	₹4.51/hr (~₹3,365/mo)
<b>B2</b> Basic	<b>2</b>	<b>3.50 GB</b>	<b>10 GB</b>	₹9.02/hr (~₹6,730/mo)
<b>B3</b> Basic	<b>4</b>	<b>7 GB</b>	<b>10 GB</b>	₹18.03/hr (~₹13,400/mo)

## Standard Tier

Designed for production web apps. You can host unlimited websites/domains using the Standard tier. Pricing is based on the size and number of VM instances you run. Built-in network load balancing support automatically distributes traffic across the VM instances. Standard tier includes built-in autoscale support that can automatically adjust the number of VM instances running to match your traffic needs. It also includes built-in backup support.

INSTANCE	CORES	RAM	STORAGE	PRICES
<b>S1</b> Standard	<b>1</b>	<b>1.75 GB</b>	<b>50 GB</b>	₹6.01/hr (~₹4,447/mo)
<b>S2</b> Standard	<b>2</b>	<b>3.50 GB</b>	<b>50 GB</b>	₹12.02/hr (~₹8,954/mo)
<b>S3</b> Standard	<b>4</b>	<b>7 GB</b>	<b>50 GB</b>	₹24.04/hr (~₹17,907/mo)

## SSL connections

Secure Sockets Layer (SSL) for custom domains is available for Basic and Standard Websites. SSL enables secure connections (https://) to your custom domain Website.

Azure Websites supports two types of SSL connections: Server Name Indication (SNI) SSL Connections and IP Address SSL Connections. SNI-based SSL works on modern browsers while IP-based SSL works on all browsers.

Standard tier includes 5 SNI and one IP SSL at no additional charge. You can purchase additional SSL connections on below rates.

	SNI SSL	IP SSL
Price	₹540.79/ month (per certificate supported)	₹2,343.42/ month (per certificate supported)
Browser compatibility	Modern browsers	All browsers

Website: [www.sysfore.com](http://www.sysfore.com)

Email: [info@sysfore.com](mailto:info@sysfore.com)



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