

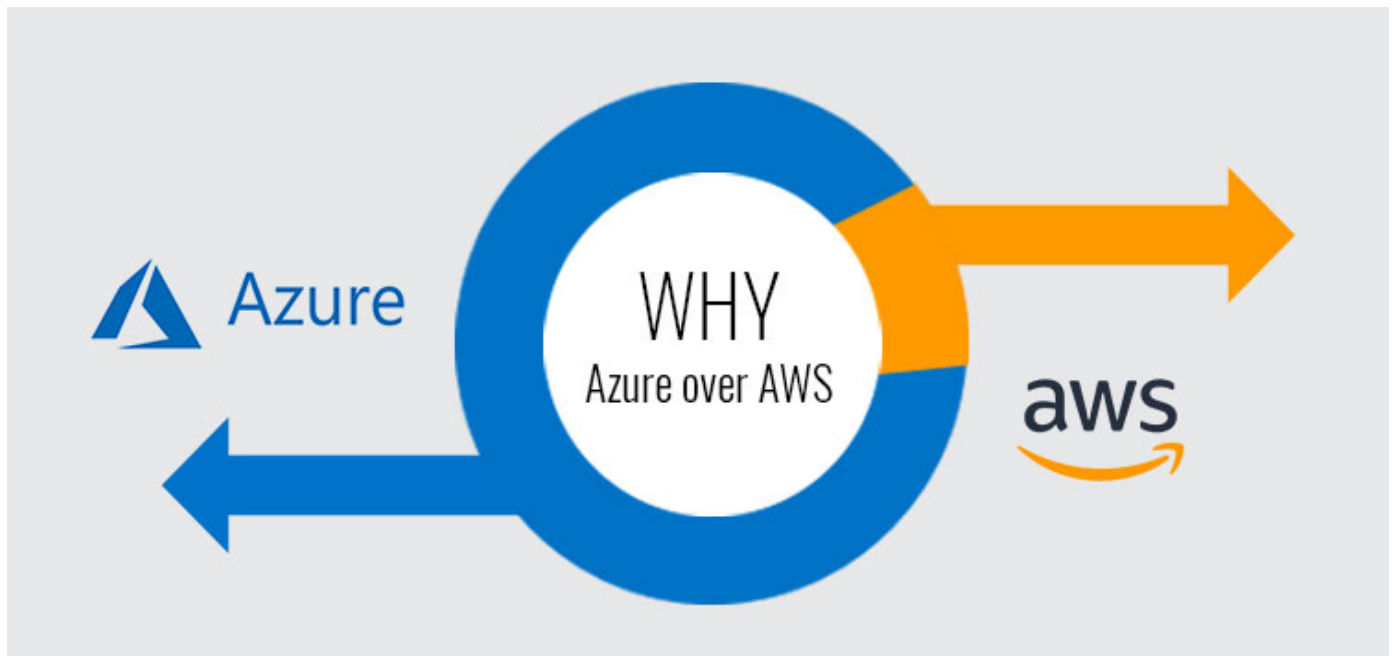
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## 7 Reasons Why Azure Is Better Than AWS

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Anubhav Dwivedi July 10, 2018



Both Amazon Web Services (AWS) and Microsoft Azure feature in the Leader's quadrant on Gartner's 2015 Cloud Infrastructure-as-a-Service (IaaS) Magic Quadrant. This is a big feat for Microsoft as Azure entered the Cloud Computing scene only in 2010, whereas AWS was launched back in 2006. Azure has made significant advances over the years. It now offers a set of features and capabilities far surpassing its competitors.

The following are some important aspects wherein Azure scores over AWS.

### 1. PaaS Capabilities

Both Azure and AWS offer similar IaaS capabilities for virtual machines, networking, and storage. However, Azure provides stronger PaaS capabilities which is an important piece of Cloud infrastructure today.

Microsoft Azure PaaS provides application developers with the environment, tools, and building blocks that they need to rapidly build and deploy new cloud services. It also provides the vital 'dev-ops' connections which are important for monitoring, managing, and continually fine tuning those apps. With Azure PaaS, much of the infrastructure management is taken care of behind the scenes by Microsoft. Thus, Azure development ([/azure-development.aspx](#)) allows for a 100% focus on innovation.

## 2. .Net Compatibility



Azure's compatibility with the .Net programming language is one of the most useful benefits of Azure, which gives Microsoft a clear upper hand over AWS and the rest of the competitors. Azure has been built and optimized to work consistently with both old and new applications developed using the .Net programming framework. It is much easier and straightforward for enterprises to move their Windows apps to Azure Cloud as opposed to AWS or others. Thus for the several organizations that use .Net based enterprise apps, Azure is the obvious choice.

## 3. Security Offerings

Azure has been designed based on Security Development Lifecycle (<https://www.microsoft.com/en-us/sdl/>) (SDL) which is an industry leading assurance process. It comprises security at its core and private data and services stay secured and protected while they are on Azure Cloud.

Microsoft was the first Cloud vendor to be approved by the European Union's data protection authorities and the Article 29 Working Party. They were also the first to embrace the new international standard for Cloud privacy, ISO 27018. Thus, Microsoft guarantees the best in terms of safety for all operations and data on the Azure Cloud.

## Customer Success Story

Germany's largest Media Broadcasting corporation modernizes its legacy system using Azure, for high-availability, security, and Big Data Management of discrete media files.

Read the Story >> ([./azure-case-studies/media-broadcasting-multi-tenant-saas-portal-development.aspx](https://www.azure.microsoft.com/en-in/campaigns/azure-vs-aws/))

## 4. Hybrid solutions for Seamless Cloud Connectivity

While Amazon is still testing the hybrid waters, Azure already has its hybrid capabilities in place. It seamlessly connects datacenters to the Cloud. Azure provides a consistent platform which facilitates easy mobility between on-premises and the public Cloud.

Unlike AWS, hybrid apps (<https://azure.microsoft.com/en-in/campaigns/azure-vs-aws/>) can be developed on Azure which can take advantage of the resources available within datacenters, at the service provider's end, or within Azure itself. Azure also provides a broader range of hybrid connections including virtual private networks (VPNs), caches, content delivery networks (CDNs), and ExpressRoute connections to improve usability and performance.



## 5. Integrated Environment

Azure brings to the table an integrated environment for developing, testing, and deploying Cloud apps. The choice of frameworks lies with the client, and open development languages further add to the flexibility for Azure migration. (/azure-migration-services.aspx) Additionally, readymade services like web, mobile, media in addition to APIs and templates can be leveraged to kick start Azure application development. Azure PaaS brings together all the applications, data, devices, and partners, both on-premises and in the Cloud. Its flexible toolset is ideal for solving integration needs ranging from connecting mobile apps with on-premises LOB systems, to coordinating B2B payments with partners.

## 6. Gentle Learning Curve

AWS is widely perceived as being complicated. This is evident by the numerous tutorials, user guides, and troubleshooting documents that are out there. Conversely, Azure allows the utilization of the same tried and trusted technologies that several businesses have used in the past and are still using today. These include Windows and Linux, Active Directory, and virtual machines. Moreover it provides useful tools like XCode, Hadoop, Github, Visual Studios, Eclipse etc. It also provides several third party tools, solutions, and apps developed by partner-developers on the Azure Marketplace. As a result the learning curve for the Azure Cloud is gentle.

## 7. The 'Enterprise Agreement' Advantage

If an organization already uses Microsoft software, then it likely has the 'Enterprise Agreement' with Microsoft. It is entitled to obtain discounts on the Microsoft software being used as Microsoft usually tweaks these agreements to lower the pricing of Azure. Thus, with the enterprise agreement, enterprises can typically obtain significant incentives for using Azure.

*Choosing the right Cloud vendor*

*It is a very important decision for enterprises to select the right cloud vendor. Azure offers hybrid solution, PaaS, and an array of other beneficial features, which are important for any Cloud strategy today. Numerous enterprises have witnessed accelerated business growth by migrating to Azure. As a result Azure comes to the fore as a considerably better choice compared to AWS.*

## Author's Bio

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