**SN** **Support Nerds**
*Experience IT*

# Azure Services

**for reliable & scalable infrastructure, optimized expenses, and business growth!**

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# What is Azure?



Microsoft Azure or most commonly known as Azure is a cloud platform that offers more than 200+ products and cloud services specifically designed to help you with your day-to-day challenges. With an Azure environment, you can easily create, execute, and manage applications across various platforms, clouds, etc. with the tools of your liking. Azure is exceptionally well, and that is the reason more than 95% of Fortune 500 companies trust it with their business.

# Features that Microsoft Azure offers

It is the best cloud-computing platform so, it is obvious that its features make it stand out among the rest. When you finally decide to migrate towards the cloud, there are certain things that you must have to keep in mind. It is because cloud migrating might be risky. On top of that, it is totally a paradigm shift from the traditional approach of on-premises data storing. It is evident while transitioning from a traditional to a modern approach all businesses need trust. Microsoft Azure environment is one such platform. Businesses can leverage services like Azure backup by the industry-leading cloud vendor. Microsoft Azure offers options for IaaS, PaaS, and SaaS that sustain phenomenally to the ever-changing business requirements.

Here are some of the features that the Azure environment will offer you if you are planning to move from the traditional approach to the more advanced and modern approach.

## Data Security

Microsoft Azure offers phenomenal security with built-in features at different levels that are customizable as per the requirements of the customers. At the outermost level, the DDOS protection of the platform is safeguarding the overall system. The system will start its protection as soon as the DDOS attack reaches a specific, predefined threshold. The data that is kept in the Azure environment is encrypted through several mechanisms. All the Azure storage services use Storage-Side Encryption (SSE) with 256-bit AES encryption technology.
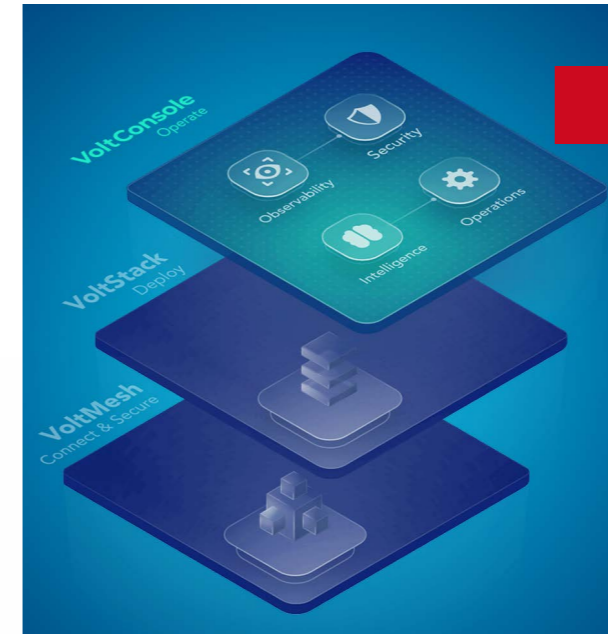
## Single-Pane Operations

A single pane of management helps to gain visibility and insights into the deeper level of working of your infrastructure, no matter if it's hosted on-premises or in the cloud. Microsoft Operation Management Suite (OMS) is a product that offers Management as a Service (MaaS) that gives a single-pane view of the hybrid environments. All the security solutions that come with OMS offer deeper insights into the security status of all the connected resources such as malware infections, threat intelligence, patch level, etc. It uses Azure Automation. It is a many-sided approach, which uses the PowerShell framework in the backend to automate intricate tasks in both the cloud as well as on-premises.

## BCDR Integration

You can integrate your Azure storage with your BCDR strategy with several options for Backup & Disaster Recovery. It is a versatile service, and it will make different copies of your on-premises files and folders. It will make several copies of your virtual machines hosted in Hyper-V & VMware as well. On top of that, it will make a separate backup for the protection of your data and disaster recovery, if your IT infrastructure is entirely hosted on the cloud.

## Data Resiliency

By using the Azure environment, it is evident that your data is stored in the data centers operated by Microsoft. To put it in simple terms, Microsoft Azure will save three copies in the same data center. It helps in recovering all the files in the initial stages at the time of an unfortunate event. This default resiliency is known as locally redundant storage (LRS).

# Why trust Support Nerds with Azure Managed Services?

We are the Gold Partner of the Microsoft Azure platform and offer exceptional management and deployment of Azure services and applications. We aim that you do not cross the predefined cost threshold by keeping Azure bills as low as possible and give you complete transparency at every step.

There are several Managed Service Providers offering the same level of services, but here are some of the few reasons why SupportNerds will be the ideal choice for you.

- We are a proud member of the Microsoft Cloud Solution Provider (CSP)
- Program.
  We are a reliable Microsoft partner, and we hold eight Gold Microsoft
- Competencies, which include Cloud Platform, Data Analytics, Data Platform, Datacenter, and Messaging.
- We have a team of Microsoft Certified Solutions Experts (MCSE), Microsoft
- Certified Professionals (MCPS) on-board.
  We deploy the best DevOps Practices.
  We provide phenomenal IT Services Management (ITSM) based on ITIL Principles.

## Components of Azure Environment that we cover.

Our seasoned professionals have in-depth knowledge and expertise, and we cover various Azure Service Categories-

| | |
|---|---|
| Azure Compute | Azure Networking |
| Azure Containers | Azure Media |
| Azure DevOps | Azure Security |
| Azure Integration | Azuare Identity |
| Azure Migration | Azure Web |
| Azure Database | Azure Mobile |
| Azure Analytics | Azure Management & Governance |
| Azure AI + Machine Learning | |

# What to expect from Support Nerds Explore as an Azure Managed Services Provider?

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## Azure Monitoring 24/7

Our team at Support Nerds constantly monitors your Azure-based applications and services to detect any configuration, security, and other flaws in the initial stages before it goes out of hand. We configure correct tools to avoid downtime and give you detailed performance report.

## Azure Usage Optimization

We align our services to your business objectives and develop strategic plans to improvise the efficiency of your Azure resources.

## Azure Cybersecurity

We follow the best practices to secure your Azure environment from potential cybersecurity threats. We design security strategy by configuring and managing access to cloud resources. On top of that, we continuously monitor and try to pin point the flaws (if any) and get rid of them once and for all, and make sure that it would not reappear in the future. By monitoring your IT infrastructure, we are able to timely detect breaches. Overall, we work vigorously to ensure that you are secured from the potential threats all the time, so you can meet your business goals effectively.
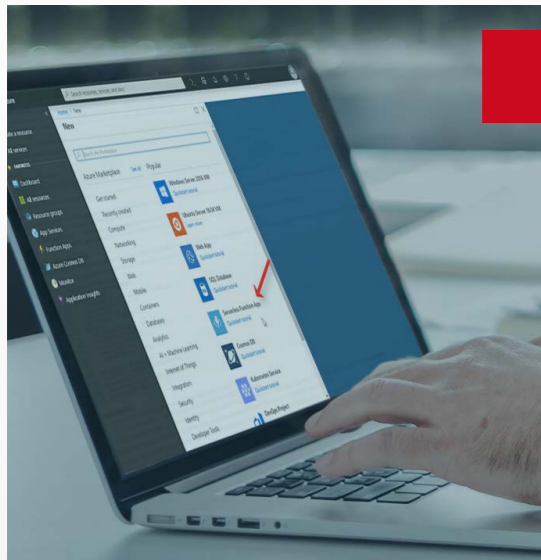
## Azure Administration and Troubleshooting

As a **managed service provider**, it is our responsibility to offer phenomenal services so that your business would grow at a very cost-effective manner. With our **Azure managed services**, we aim to give you the best customer experience that we can. Our Azure experts will help you administer your Azure Services by configuring your Azure resources and manage data flows going through the Azure cloud. We will help you backing up the data that is stored in your Azure environment. We will help you address the issues from server or application misconfigurations, server overloads, etc. We will investigate event logs to find the root causes and make sure to deploy the best solutions, so it would not happen again in the future.

# Frequently Asked Questions

**Q.1- Can we trust Azure with the security?**
Ans- Yes, Azure is one of the safest cloud-computing platforms in the market. With security and privacy are the fundamental things that make the Azure environment one of the safest, and it is the biggest reason why 95% of the Fortune 500 Companies trust the platform. It comes from Microsoft, which means you can get assured that it has the highest levels of trust, transparency, standard conformance, and regulatory compliance.

**Q.2- Who else is using Azure apart from the Fortune 500 Companies?**
Ans- There are more than 95% of fortune 500 companies trust Azure for cloud-computing services. Other than that, companies of all sizes trust Microsoft Azure Environment with their digital transformation.

**Q.3- Is it only for Windows applications and services?**
Ans- No, you can use the Azure environment with any tools or technologies that you prefer. It supports open-source technologies. You can run any application using your data source, your operating system, etc. With Azure, you have plenty of choices.

**Q.4- How do I know if Azure is suitable for my industry?**
Ans- Azure is one of the best cloud-computing technology that works for various industries through combinations of different cloud products and services.

These are some of the frequently asked questions about the Microsoft Azure Environment. You can say it is one of the best cloud-computing services out there in the market that would help you optimize cloud cost and takes your business to a completely new level of excellence. From DevOps to business analytics to the Internet of Things, with the Azure environment, your business will be up and running in no time with the current investments as it is secure, stable, reliable, and cost-effective. No matter if, you are from the healthcare industry or manufacturing industry, or financial or retail industry, it will serve you exceptionally well to meet your business's specific needs.

# Our Partners

# Reviews

# Contact Us

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