



Seamlessly migrate your Microsoft workloads to AWS with APPLIED CLOUD COMPUTING



AWhile the pandemic disrupted much of how people do business, it spiked the use of digital technologies and exposed the need for businesses to keep up with digital transformations. Business executives are already overseeing more functions run digitally than on-premise. To optimize performance, applications should be built on a scalable and highly available fault-tolerant architecture with enhanced security.

This can be achieved by shifting from on-premises infrastructure to Amazon Web Services (AWS) and by leveraging its unlimited virtual space, scalability, and security. AWS helps you build, deploy, scale, and manage Microsoft Workloads quickly, easily, securely, and cost-effectively.

Most Experience



Why AWS?





Global Reach & High Availability



Why AWS for Microsoft Workloads

- The Most Experience: AWS has been running Microsoft Workloads since the very beginning of its platform. So with 10+ years of experience and hundreds of thousands of customers, there is just no competing offering that can come close to AWS.
- Growth of Microsoft Workloads on AWS: According to AWS, between 2015 and 2018, there was a 400% growth of Microsoft Workloads on AWS using Amazon Elastic Compute Cloud (Amazon EC2) for Windows Server. This is incredible growth in a short period of time and we continue to see a massive surge of Microsoft Workloads on AWS.
- Global Reach and High Availability: AWS has more Availability Zones (AZs) and regions globally than any other cloud service provider. AWS has availability zones spanning over 20 geographic regions. Each region has 2 or more AZ's and each AZ has 2 or more data centers, giving you the right infrastructure, isolation, and latency oriented solutions
- **Customer Obsession & Innovation:** AWS currently offers 140+ services and one of the company's core values is, taking customer and partner feedback seriously.
- **50+ Compliance Certifications:** AWS has the deepest set of compliance certifications for the hyper-scale cloud. There are 50+ certifications such as HIPAA, ITAR, FISMA, and so on.
- Total Cost of Ownership (TCO): From a TCO perspective, it's going to be hard to beat AWS. They've never raised prices and have offered 61 major price reductions since 2008. We at Applied Cloud Computing are constantly working with customers to take advantage of new capabilities that AWS offers for cost optimization. AWS is not only about price reduction and having the best price point, but it provides a lot of levers that you can push and pull to really optimize your environment and get the best TCO.

• **Continuous Innovation of Windows Offerings:** AWS has introduced dozens of major innovation points for Microsoft Workloads over the past 10 years including Windows, Windows Server, SQL Server, .Net, app modernization and much more. There are 143 instance types and 37 instance families for EC2 and 60 different AMIs available for Microsoft Workloads. So they have a very deep capability set for Windows and a jump start over the other public clouds out there. In fact, AWS hosts almost twice as many Windows Server instances in the cloud than even Microsoft does!



Where Does ACC come in?

ACC is an advanced AWS consulting partner with demonstrated expertise helping customers migrate and run Microsoft workloads in AWS. We work with companies to understand their existing infrastructure and to outline a plan aligned with their critical business and technology objectives, so they can migrate and run their Microsoft Windows Workloads on AWS quickly and efficiently.

We provide solutions in helping businesses move successfully to AWS, through all phases of complex migration projects, discovery, planning, and operations, so that our customers can focus on their businesses and leave the heavy lifting to us.

Discover the Benefits of Microsoft Workloads on AWS

• Save on IT Spending: Optimizing cost is an undeniable benefit of using cloud services. With AWS, you can reduce the overall cost of running Microsoft Workloads with the most comprehensive family of EC2 instances.



Additionally, customers can also save money by moving their Microsoft licenses to dedicated hosts on AWS. The licensing is included in the cost of an instance, so it not only reduces licensing cost, but the management overhead of maintaining those licenses.

• Ease of Migration: AWS has enabled thousands of enterprises across the globe to migrate their Microsoft Workloads to the cloud. The proven AWS Migration Acceleration Program (MAP) methodology and deep expertise of ACC empower customers to assess, right-size, and move their Microsoft Workloads to AWS with ease.



• **Convenience:** At AWS, the familiar Windows services are made easier to use. AWS offers services like Amazon FSx for Windows File Server, which provides shared file storage, seamless identity, and access management. It also frees up the developer and administrator resources from time-intensive maintenance and enables them to focus on innovation.



• Security: By storing Microsoft Workloads centrally, AWS offers much stronger security than traditional data centers. One can also leverage various security services offered by AWS like AWS Identity & Access Management (IAM), Amazon GuardDuty, Amazon Inspector, AWS CloudTrail, AWS Shield, AWS Web Application (WAF), Firewall AWS Key Management Service (KMS), AWS Certificate Manager, Amazon CloudWatch, etc. to keep your data breach-proof.

- **Performance:** There are several solutions available to make the most of Microsoft Workloads on AWS, from Amazon EC2 instances to monitoring tools such as Amazon CloudWatch. On top of that, AWS also offers solutions like Elastic Load Balancing, Amazon S3 for storage, Amazon Elastic Block Store, or the Amazon RDS to run and manage databases.
- Reliability: It is possible to select multiple availability zones and host Microsoft Workloads across different connected AWS regions resulting in lower latency and higher fault tolerance. AWS can also help you predict the moment when you need to scale up or down your infrastructure capacity without the risks of interruptions.



Ready to migrate your Microsoft Workloads to AWS?

Ensure success with an accurate picture of your on-premises infrastructure and Total cost of Ownership for your move to the AWS cloud with ACC. Enjoy the bestin-class security, scalability, cost of ownership, reliability, and development tools.



Applied Cloud Computing (ACC) is an advanced AWS consulting partner. ACC accelerates end-toend cloud adoption with the best implementation services, software and processes available.

To learn more, go to: www.appliedcloudcomputing.com