![BYTES | Smarter together]

Bytes Windows Modernisation – extra functionality at reduced cost.

Running on-prem SQL? Migrate to AWS Cloud and be free from sky-high fees.

Migration to the AWS Cloud is the cost-cutting, performance-enhancing pathway to future flexibility for Windows workloads.

License to kill (your flexibility options)

If you're running on-premises databases through Microsoft SQL Servers, you could be ready to move on from prohibitive license fees and the rising costs.

Similarly, CFOs of companies running on-prem proprietary solutions on Azure may feel costs are holding back the business and considering alternatives, while those hosting end-of-life or legacy applications are more vulnerable to data breaches and other security concerns.

The cloud is the destination of choice for the future-focused SMB or enterprise – either as an application modernisation move, or part of a wider digital transformation programme.

Windows database modernisation

Whether moving data from a SQL server on Windows EC2 or SQL Server on Linux, RDS to Aurora, MySQL, Postgres, or Windows server to Linux Server2, the cost in license fees drops as the opportunity to embrace innovation – and boost market share – increases?

Move on, and modernise.

Hamstrung by costs and license fees? Bytes offer a friction-free pathway to cloud modernisation and for the aspirational enterprise, ready for better performance, security and scalability – at reduced cost and risk – it's the ultimate win/win.

What about me?

Those running 'homegrown' core applications and Oracle databases or rewriting a legacy, on-premises .Net application without Windows Server or SQL Server can also benefit from application modernisation, albeit with a different pathway.

Benefits of modernising

Optimise costs and enhance the performance, availability, and security of your Microsoft workloads by migrating to the AWS Cloud with Bytes.

AWS Cloud is the business choice for running Microsoft workloads, or Enterprise customers migrating with Bytes achieve a simpler and quicker migration.

Bring or buy:
Resolve license issues in an instance!

By purchasing Amazon Elastic Compute Cloud (Amazon EC2) or fully managed Amazon Relational Database Service (Amazon RDS) license-included instances, you get new, fully compliant Windows Server and SQL Server licenses from AWS.

Buy licenses from AWS – choose from Amazon Machine Images (AMIs) with just Microsoft Windows Server, or Windows Server and Microsoft SQL Server pre-installed. Whether using EC2 or RDS, buying from AWS with Microsoft licensing included has all the benefits and none of the restrictions.

Reduce your fees – stay contract free!

We don't lock you into a contract— take your data and licenses wherever you want, and whenever you wish.

Bring licenses to AWS

It may be possible to port Microsoft software licenses without Software Assurance or License Mobility benefits to the AWS Cloud*.

Enjoy cloud efficiencies using your current perpetual licenses.

Extend the lifecycle of your software without adding hardware costs.

Expedite your cloud migration using your virtual machine images.

Deploy AWS License Manager
Simplify software license management – enable AWS License Manager. Whether on AWS or on-premises, administrators create customised rules that emulate and enforce licensing agreements with mainstream vendors.

What can I move?
Microsoft Office, Windows Server, SQL Server, Exchange, SharePoint, Skype for Business, Microsoft Dynamics products, System Center, BizTalk, and Remote Desktop Services. There are many more.

Build a Windows environment in the AWS Cloud, synchronise users into Microsoft Azure AD, and use Office 365, all without needing to create and manage AD domain controllers.

Modernisation success:
A three-stage process

Stage 1:
Discovery and yes/no decision phase

Bytes' automated tooling maps the migration work required, and an estimate of complexity and risk, and costs versus savings to inform your decision-making.

Deliverables include:

- Analysis of current application(s).
- 'Future state vision' (includes proposed architecture and AWS cost estimates).
- Modernising – the business case and services proposal.

Stage 2:
Delivery

- AWS Consulting Partner engagement – migrate to AWS Native with confidence.
- AWS funding – discover and consider your support options.
- Decision time – pressure-free. Don't move if it's not viable.

Stage 3:
Continuous Optimisation

- Let's go – once the plan is finalised and signed off, Bytes will apply for migration funding to put the rubber on the road.
- And keep going – digital transformation is never finished; it's an ongoing process folding in new technologies, processes, and knowledge.

Why AWS Cloud?

Amazon Web Services (AWS) helps businesses scale and grow – and Bytes get clients to the cloud in a carefully planned and potentially funded journey to future innovation.

They build flexible, reliable, and scalable applications underpinned by immense computing power and database storage, next-level content delivery, and future-focused functionality.

Bytes is an AWS Advanced Partners but look for optimisation anywhere – beyond the public cloud. We'll align your cloud plans with IT and business strategies to keep you looking up.

The active Premier Support agreement between Microsoft and AWS enables customers hosting Microsoft workloads on AWS to receive support from both AWS and Microsoft.

AWS is a member of the Microsoft Partner Network, licensed to resell Microsoft software via the Service Provider License Agreement (SPLA), an authorized License Mobility partner, and a Microsoft Gold Certified Hosting Partner.

Why Bytes?

Bytes is an AWS Advanced Consulting Partner and an AWS Marketplace Approved Partner – recognised for our extensive experience in deploying value-add solutions and transformation work on AWS. Our in-house AWS team of trained and certified technical consultants have the required knowledge to accelerate your cloud journey to and on AWS.

AWS Managed Services allow your business to gain visibility, extend your internal teams and make key savings when migrating to the cloud. With Bytes, you can gain a complete specialised team of Security, DevOp, Network and Infrastructure Professionals, we are there when you need us. We have leading expertise and a strong track record in managing and optimising cloud-based services for customers.

We provide AWS lifecycle support from Migration and Well Architected Reviews to 24/7 Managed Services and Cloud Governance, FinOps, Security and Development. So, whatever your Cloud requirements, Bytes have got you covered.

Does it work?
Check these proofpoints.

Higher reliability and better performance:
Customers moving Windows workloads to AWS can expect a 98% unplanned downtime reduction and deploy 71% faster.

Greater security and identity services:
AWS offers 230 security, compliance, and governance services and features, 5x more services than the next largest cloud provider.

More migration experience:
Bytes has enabled or supported hundreds of cloud migrations, while AWS has moved 230,000 customers to virtual platforms.

Broader capabilities:
Customers love the consistent networking performance for Microsoft applications; trebling throughput and 25% lower latency than the next cloud provider.

Lower TCO:
Customers can accelerate growth, drive efficiencies, and realize long-term cost reductions running Windows on AWS Cloud.

Flexible licensing options:
More cloud options for new and current Microsoft software licenses than any other cloud platform.

Which versions of Windows does AWS support?

- Microsoft Windows Server 2022 64-bit
- Microsoft Windows Server 2019 64-bit
- Microsoft Windows Server 2016 64-bit
- Microsoft Windows Server 2012 R2 64-bit
- Microsoft Windows Server 2012 64-bit
- Microsoft Windows 10 64-bit

We also support all five varieties of SQL Server

Standard, Web, Enterprise, Developer, and Express.

Which SQL databases does AWS support?

- MySQL
- MariaDB
- Oracle
- PostgreSQL
- MSSQL

Seen enough?

Our funded assessment service is your opportunity to get full review of your requirements.
Get in touch and we'll go from there.

aws partner network

Advanced
Consulting Partner

Digital Workplace Competency

Microsoft Workloads Competency

Well Architected

Public Sector Partner

Solution Provider

Want to know more about our AWS Managed Services?

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*https://aws.amazon.com/windows/resources/licensing/