

OUR CLOUD SERVICES

ASSESS DISCOVERY MOBILISE MIGRATE **MODERNISE**

Modernise

Modernisation is the natural next step from migration.

Funded assessments

Our first step at the Modernise stage is to ascertain which of your current workloads, applications or other assets are suitable for modernisation and would bring you cost and efficiency benefits.

There are various funding programmes available for this assessment stage. We will look to obtain whichever is right for you. In 2021 alone, we secured over \$1.2m of funding for our customers.

By helping you drive down costs, become more agile and flexible and generally build for the future, modernising can give you an edge over your competitors. It can even happen as part of your cloud migration, if you have a workload that's better placed to be rebuilt (Refactored) in a modern state in AWS we can investigate this.

Modernising with Cloud Bridge allows you to move away from traditional expensive database technologies, old fashioned operating system (OS) approaches and monolithic applications, and instead adopt more agile computing technologies.

Modernisation can be total or partial. It can also be a standalone project – for example, you may have already decided that you want a certain application that's running on old technology to be modernised.

The assessment will investigate the art of the possible and work towards a design of what the workload or loads would look like in a modernised state in AWS.

Far-reaching possibilities

Modernisation offers benefits that go far beyond the simple replacement of one technology with a better one.

For example, the exceptionally wide range of tools and applications within AWS that can make for more efficient DevOps. In particular, it enables easier integration, while also simplifying the updates and testing of new applications versions.

Modernisation additionally means you'll be able to streamline teams as well as technologies for greater efficiency and agility in a competitive market.

Moving to micro services saves on costs and human resources, as well as being more environmentally friendly. Servers are no longer sitting idle, wasting resources, and increasing your carbon footprint.



Advanced
Consulting
Partner

Digital Workplace
Competency
Microsoft Workloads
Competency
Well Architected
Public Sector Partner
Solution Provider

For more information, please visit bytes.co.uk. You can also email Sales@Cloud-bridge.co.uk or call 0203 191 8587. For details of other steps on your migration journey, see our other datasheets: Assess, Discovery, Mobilise and Migrate.



cloud bridge

Modernisation candidates for reducing costs

Any of these will be considered for funding and are likely to help you to operate more efficiently and give your business more agility:

- Moving from Windows Server to Linux Server.
- Shifting from SQL Server on Windows EC2 to SQL Server on Linux.
- Transferring from SQL Server on Windows EC2 or SQL Server on RDS to Aurora, MySQL, Postgres, etc.
- Containerising .NET applications to Linux containers.
- Re-architecting a .NET application to Serverless or to open source (on-premises or app running in AWS).
- Rewriting a legacy on-premise .NET application without using Windows Server or SQL Server.
- Re-architecting a .NET application to .NET Core.

Cloud Bridge AWS – your Advanced Consulting Partner for AWS



100s of AWS customers – around 130 migrations and new builds in the last 12 months alone



Access to AWS partner funding programs – over \$1.2m secured in 2021



ISO 27001 certified – the international information security standard



Authorised Well-Architected Framework partner of AWS

How you'll benefit

- Modernisation is where you should see major cost savings thanks to greater integration, agility and flexibility.
- You will access the expertise of an AWS-certified Advanced Consulting Partner. We have successfully delivered modernisations and migrations for hundreds of customers.
- Funded assessments mean you can be sure you're making the right choices – and paying as little as possible.
- As with all we do, we'll keep you informed and involved, providing expert advice and assistance throughout the process for your peace of mind.
- While modernisation takes place, we do all we can to minimise any disruption to your core business, so your teams can focus on day-to-day operations.
- For every workload modernisation, we commit to planting 1,000 trees to support offsetting your carbon footprint.

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Why choose AWS?

- The world's largest cloud platform
- More services, features and functionality than any other platform
- Designed to be the most flexible, secure and resilient platform
- Most proven operational expertise of any platform
- Named by Gartner as a Magic Quadrant Leader for 11 years running
- 2x higher performance for a SQL Server workload than the next largest cloud provider*
- 5x more services offering encryption than the next largest cloud provider**
- 442% projected 5-year ROI running Windows on AWS***
- Infrastructure staff increase productivity by 62% on average post adoption****
- Intel® and AWS have partnered for 15+ years to develop superlative cloud services

*When directly testing an R5b.8xlarge instance, according to a 2021 Principled Technologies report.

**Cloud Economics – Amazon Web Services (AWS).

***According to a 2019 IDC report, "The Business Value of Efficiently Running High-Performance Windows Workloads in AWS Cloud".

****Source: 2018 IDC Report on Creating Business Value with AWS.



Why choose Intel® Technology?

Intel® processors provide the foundation of many cloud computing services deployed on AWS. They offer wide-ranging benefits:

- **Better performance per cost** – Intel® technologies, including Intel® Xeon® Scalable processors, deliver exceptional performance per cost in AWS cloud instances.
- **Hardware-enabled security features** – Embedded security capabilities all the way down to the silicon help protect workloads on multi-tenant AWS cloud instances. Intel® technologies with hardware-enabled encryption help isolate and protect data at rest, in transit, and in processing.
- **The latest technology** – Intel® partners closely with AWS to deploy the latest technologies and software with high levels of optimization. You'll benefit from world-class cloud architecture, workload-tuned instances, and built-in AI and security accelerators.

We recommend Intel® high performance technology as an important element of many modernisation projects, as well as specialist areas such as Kubernetes clusters for containerised applications.

We will select whichever Amazon EC2 instances (virtual servers for running applications) will benefit from Intel® high-performance technology, depending on the workload for your modernisation.

For more details on Intel® technology and AWS, see aws-intel.com

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We will plant 10 trees for every server migrated into AWS with Cloud Bridge.

