

Our Cloud Services

ASSESS DISCOVERY MOBILISE MIGRATE MODERNISE

In any project, planning is the key to success. With something as important and wide-ranging as cloud migration, thorough assessment is particularly vital. You need to know how much time and money it will involve, as well as the precise methodologies to be used. Along with the start and end points, you also require a clear vision of what migration will look like once complete, and the peace of mind that results from knowing it covers all the capabilities you need.

The importance of initial planning is just one reason why we recommend Amazon Web Services (AWS) over other cloud providers. It offers more services, features and functionality than any other platform, which means there's a lot to consider – but it also comes with advanced capabilities for letting you plan, experiment and mature into the Cloud.

What we do

Our certification by AWS as an Advanced Consulting Partner demonstrates our proven expertise. The Cloud Bridge team have successfully carried out hundreds of AWS cloud migrations.

We produce a full migration assessment. This covers every stage from start point to end point, including time and cost budgeting, licensing, back-up, different procurement methodologies within AWS and any other issues.

At the same time we work to meet your needs. That means letting you get on with your core business, but also showing you how much time and resource you might have to input when preparing for and undertaking cloud migration.

Migration assessments are fully funded, and we will assist with securing this financial assistance. Should you then proceed, we will look to secure you further funding for the actual migration – it may even be possible for the full cost to be covered.

Bytes – 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

For more information, please email tellmemore@bytes.co.uk or call 01372 418500.

For details of other steps on your migration journey, see our other datasheets: **Discovery, Mobilise, Migrate and Modernise.**

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How we do it



We assess and monitor where you are now in terms of your cloud journey and discuss what you want to achieve.



Our specialised tooling agents will then be deployed across your current server estate and spend two to three weeks looking at your workloads and overall activity, as well as mapping your application dependencies. This allows for accurate migration planning and sizing estimation of your new cloud environment, as well as assessment of where and how performant Intel® processors might be required for certain workloads.



To map the migration life cycle, we deploy unique specialist tools. These include Cloudamize to reduce migration complexity and give a 360° view of your environment to calculate costs accurately.

Other specialist software includes:

- **CloudEndure** for predictable and reliable migration
- **Cloud Ranger from Druva** for reliable managed backup
- **CloudHealth** for the ongoing cost optimisation and security governance of your cloud platform once live
- **NetApp** for managing your procurement methodologies to ensure you never miss the savings available by the way you procure AWS resources



Following initial assessment using Cloudamize, we produce a detailed report highlighting costs, migration effort and the potential funding available. After feedback from you, this is then followed by a detailed statement of work, plus a funding application proposal.

How you'll benefit

DEFINE

You'll be able to define what you need and precisely what it will take for a successful migration, giving you clarity on costs and assisting with future planning.

ASSESS

By helping you secure funding, we can help reduce overall TCO. Our AWS certifications and experience mean we are able to assess the best funding programmes available and manage the whole application process from end to end.

CLARITY

You'll have a defined clear and concise business case for what your next steps should be, with many of the unknowns removed such as what will back-up costs be.

IMPROVE

You'll see the cloud cost and other procurement benefits you can leverage to improve your TCO calculations.

MANAGE

You'll experience minimal disruption to your business and have access to all the expertise you need, ensuring peace of mind.

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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**
- Intel and AWS have partnered for 15+ years to develop superlative cloud services

Why choose Intel?

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

Part of our assessment is to assess which workflows would benefit from Intel high-performance technology to fuel your workloads. For example, Intel Xeon scalable processors power the latest Amazon EC2 instances (virtual servers for running applications). They deliver twice the power of previous-generation processors, and provide both choice and flexibility.

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

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

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



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