BYTES | Cloud Services

aws partner network

Advanced
Consulting Partner

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

Our Cloud Services

ASSESS **DISCOVERY** MOBILISE MIGRATE MODERNISE

The Discovery stage is where we build your roadmap to the cloud. Following the initial Assess stage, we help you build out a solid business case for your migration. That includes evaluating total cost of ownership to ensure your organisation and key stakeholders understand the value of moving to the cloud and what's required to make it a success.

It also means creating a high-level technical foundation from the ground up, with security and governance at its heart. For this, our recommendation is always Amazon Web Services (AWS). As well as being the world's largest cloud platform, it offers the most services, features and functionality, and flexibility. Even better, we can apply for funding reduce the costs of migrating to AWS.

AWS Landing Zone discovered

The starting point is AWS Landing Zone, which allows a best practice well architected approach to start your cloud journey. It also lets us create the security and governance framework for your workloads to reside in. Our focus is on designing a scalable and secure environment. It's essentially the template for the AWS accounts, networks and security policies which are critical to the success of your cloud platform. As a safe, well-governed system it also allows your teams to explore what you might need from the cloud securely and confidently.

Think of us as your guide, always ready to assist you. As you progress, we'll ensure everything is clear, straightforward, and meets your unique needs.

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

Our Cloud Services

How you'll benefit

Everything is designed to give you peace of mind and to minimise disruption:

A cloud centre of excellence is the multi-disciplinary best-practice approach to drive cloud-enabled transformation. This is another area in which we help you.

Following a well-defined Migration Risk Assessment (MRA) methodology, we will walk you through all the key aspects of building a CCoE.

That includes conducting a gap analysis, looking at what skills and human resources you have in-house. We'll identify any additional training your teams may need as well, providing road maps for their progress to embrace the cloud confidently.

In addition, we will take care of all other aspects of planning the workload migrations, via interviews and other methods to identify any risks and define risk mitigation plans. Considerations from the MRA plan will also inform our assessments of network security requirements and landing zone design.

Above all, we will align your key people, teams and skills, making sure all that's required to move into the Mobilise phase is understood and everyone is ready to go.

How you'll benefit

PREPARE
You will access the expertise of an AWS-certified Advanced Consulting Partner. We have helped hundreds of customers to prepare for migrations and to discover what works best for them.

EXPLORE
You'll be able to explore the many different possibilities securely, without committing to anything at this stage, all at a pace that suits you. Throughout, we'll gather information and align design ideas to your plan.

CONTINUE
While all this is happening, you'll be able to continue business as usual and to remain focused on your core activities, so you don't have to worry about business disruption.

INSIGHT
You'll have the peace of mind of knowing what's required and the challenges involved.

PLAN
You'll also be secure in the knowledge that everything will be in place as you start to mobilise your cloud journey.

For more information, please visit <landing page URL TBC>. You can also email <email address> or call <number>. For details of other steps on your migration journey, see our other datasheets: Assess, Mobilise, Migrate and Modernise.

Our Cloud Services

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

- Business users show an average 14% overall productivity increase*
- 2x higher performance for a SQL Server workload 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® offers a range of benefits to ensure successful cloud migration:

- **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

To maximise the effectiveness of your own migration, we will look closely at which Amazon EC2 instances (virtual servers for running applications) could benefit from Intel high-performance technology, depending on the workload.

In particular, Intel Xeon scalable processors power the latest Amazon EC2 instances, delivering twice the power of previous-generation processors, and providing more choice and flexibility.

For more details on Intel technology and AWS, see <Intel landing page URL>

*Cloud Economics – Amazon Web Services (AWS).

**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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