

Our Cloud Services

ASSESS DISCOVERY **MOBILISE** MIGRATE MODERNISE

We've carried out the Discovery stage. Now we build both the project plan and operating plan as we mobilise for your move to the cloud.

Think of it as the design phase of your migration. It features an initial test migration to validate proof of concept. It also allows work done in the Discovery stage to be reviewed and, if changes are required, adapted.

We will also plan out migration "wave" plans. This means identifying specific workloads that will be migrated in staged wave schedules in line with business requirements.

As with all elements of your cloud migration, we will apply for potential funding to support you in this phase.

What we do

This is where everything is prepared for the actual migration:

- Working from the ground up, we test the proposed operating models which we previously agreed upon by carrying out a test or pilot migration
- We review the plans for each wave and ensure your management teams are happy with the proposed schedules and overall timescales
- We initiate Cloud Centre of Excellence (CCoE) activities around training and general good cloud governance
- We put together the detail, defining network configurations, backup and recovery policies, and security and Identity and Access Management (IAM) roles

The end product of this process will be a fully tested migration plan with all risks, assumptions and roll-back plans highlighted. Everything will now be ready for your senior management and technical teams to sign off and for the migration to begin.

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: Assess, Discovery, Migrate and Modernise.

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What the pilot migration involves



Using proven tools such as Cloud Endure, we migrate the pilot workload as part of the Mobilise phase to ensure robust data replication and non-intrusive simulation of live testing.



This test migration smooths out any issues by allowing us to react and adapt quickly to anything that arises. It ensures that once we move to full migration, everything can proceed smoothly.

How you'll benefit

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

PREPARE

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

EXPLORE

The architecture design and pilot migration ensure that everything will be in place, and ready when you are, for a fast and effective migration.

INSIGHT

You'll have the peace of mind from understanding exactly what's required and when before you migrate.

PLAN

During this phase, 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.

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aws 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
- Named by Gartner as a Magic Quadrant Leader for 11 years running
- Most proven operational expertise of any platform
- 2x higher performance for a SQL Server workload than the next largest cloud provider*
- 442% projected 5-year ROI running Windows on AWS**
- Users report 51% lower cost of operations over 5 years***
- Intel and AWS have partnered for 15+ years to develop superlative cloud services

intel 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

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 migration.

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.

Whatever Intel technology we choose, we will test it in the pilot migration.

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".

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



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