

Enabling cloud-first business for the enterprise with Amazon Web Services



Capgemini
Cloud
Choice
with
Amazon Web Services

Capgemini facilitates successful deployment to Amazon Web Services as enterprises seek to utilize the cloud to transform business performance.

Capgemini has carried out an assessment for GE Oil & Gas and successfully migrated over 251 applications to the AWS Cloud with additional migrations planned.

Capgemini Cloud Choice with Amazon Web Services accelerates you to a cloud-first way of working with the leading public cloud.

While many enterprises have cloud-first strategies, some still rely heavily on traditional IT and take a tactical rather than strategic approach to cloud services. The cloud is essential not just to optimize costs, but also to give enterprises the agility needed in the digital era, and for the CIO, it is no longer about 'whether' to move, but 'how.'

Capgemini Cloud Choice with Amazon Web Services delivers a cohesive, end-to-end set of offerings to move your workloads from on-premise infrastructure to the AWS Cloud and rapidly deliver a cloud-first way of working. It includes:

- **Managed business services:** our enterprise- and sector-specific IP solutions are hosted on the AWS Cloud, enabling you to rapidly deploy these new solutions with SAP and Guidewire
- **Managed services:** we provide enterprise-grade managed services for the AWS Cloud with control, transparency, and allocation consistent with other enterprise IT services
- **Migration:** we migrate applications rapidly and safely from on-premise infrastructure to the AWS Cloud using Capgemini's Cloud Choice approach in alignment with AWS best practices. For example, we can migrate and run large SAP HANA workloads on AWS
- **Insights and Analytics:** we help you analyze all of your data in the cloud using your existing business intelligence tools with Amazon Redshift to enable faster query performance, scalability, automation of cloud data warehouse administrative tasks, continuous backups, and rapid restores

Capgemini's Cloud Choice service and delivery assets provide rapid application portfolio assessment and profiling, as well as migration acceleration at enterprise scale.

Migration factory dedicated to AWS

Capgemini has invested heavily in a migration factory dedicated to AWS in Chennai and Bangalore, India. This supports Capgemini customers' migration of enterprise applications to the AWS Cloud and incorporates the AWS Cloud Adoption Framework planning tool as part of its methodology. This enables enterprises to migrate workloads faster and more efficiently to the AWS Cloud.

Our migration factory supports:

- **Migration:** by migrating workloads to the AWS Cloud, including re-platforming, remediating and re-writing of applications where necessary;
- **Application development:** by developing cloud-native apps for you or with you leveraging agile and DevOps methodologies
- **Delivery:** by delivering support for the workloads migrated onto the AWS Cloud in a safe and industrialized way.
- **Pilots:** we are piloting new enterprise-critical cloud offerings and developing more sector-specific solutions hosted on AWS in our migration factory.

Capgemini gives enterprises the assurance that they will gain maximum benefit from the AWS Cloud. New, increasingly business-critical cloud offerings can be rapidly deployed, giving you faster and more flexible access to cloud services.

Simplifying the cloud adoption journey

Capgemini Cloud Choice with Amazon Web Services addresses a number of challenges with cloud adoption strategies:

- Managed business services from Capgemini give organizations flexibility, cost savings, scalability, and greatly reduced time to market. You gain a complete end-to-end process that includes the packaging and aggregation of license management. A number of sector-specific IP solutions are ready to deploy with minimal customization.
- The AWS Cloud is certified to run on the SAP HANA in-memory computing platform for SAP. With AWS's new X1 instances for EC2 providing up to two terabytes of RAM, organizations can run larger SAP HANA production workloads on the AWS Cloud. With its deep expertise in Insights and Data, Capgemini helps organizations develop real-time data-base applications.
- Enterprises adopting or expanding their cloud capability need to migrate enterprise-critical workloads rapidly and safely from on-premise infrastructure to the AWS Cloud with minimal disruption. Capgemini Cloud Choice achieves this with a cohesive set of migration capabilities. Clients benefit from our multidisciplinary knowledge, coupled with best practices and tools from the AWS Cloud Adoption Framework. This is further supported by our migration factory.

With a wealth of AWS tools and applications available, Capgemini Cloud Choice offers the capability to architect and leverage the AWS Cloud, tools and utilities, such as Amazon Redshift, AWS CodeDeploy, and Amazon Workspaces. This gives the opportunity for the latest AWS innovations to be utilized for the digital enterprise.

How does it work?

Cloud Choice offers you three key services that can be utilized as standalone entities or as a cohesive end-to-end offering.

- **Advise:** develop a strategy to move from cloud-first intent to cloud-first implementation, strengthen performance using the AWS Cloud, and adapt the business to new ways of working;
- **Align:** transform the applications portfolio by rationalizing, modernizing, migrating workloads or creating new cloud-native applications;
- **Animate:** run business-critical applications and ensure hybrid orchestration with enterprise-grade managed services.

These services are combined with the AWS Cloud Adoption Framework. This planning tool includes enterprise accelerators: pre-packaged projects with timescales set from experience to speed up the cloud adoption progress and ensure alignment to best practices.

Future-proofing the cloud journey

Capgemini Cloud Choice with Amazon Web Services is continually evolving to meet new and emerging business needs. For example, Capgemini Cloud Choice with AWS can help you maximize AWS's larger instance supporting SAP HANA that now

allows you to process up to eight times more data in real time in your SAP HANA databases.

Minimizing risk in the adoption of cloud services

Capgemini has delivered more than 5,000 projects involving the cloud. We have proven industrial ability to migrate workloads to the AWS Cloud safely and with minimal disruption.

This experience is complemented by our enterprise-grade public cloud managed services that allow you to run business-critical applications on the public cloud with improved control, performance, and flexibility in line with other enterprise IT services. These services include configuration, deployment, architecture, integration with existing IT, automated provisioning, and simplified multi-cloud management through self-service catalogues and cloud service brokering.

Tailored to industry

Our managed business services are built on software from leading independent software vendors or alliance partners and are pre-configured to your enterprise and industry needs. We have a number of these industry-specific IP solutions on the AWS Cloud, bringing you an all-in-one package of industry-specific applications, cloud hosting, and ongoing management. They include:

- **Insurance Connect:** a fully managed business service insurance platform that enables core processing, digital services and insights and analytics on AWS. Giving insurers access to highly scalable AWS infrastructure, this provides a cost-effective way to integrate functions such as CRM, policy administration, and underwriting.
- **Digital Industrial Asset Lifecycle Management solution (DiALM):** an on-premise managed business service built on the AWS Cloud platform for asset-intensive industries, such as energy, utilities, nuclear, and manufacturing. It gives access to a scalable and fast-to-deploy digital asset hub.
- **Capgemini's SAP Certified Path and EDGE BAiO (Business All-in-One) Solutions:** SAP Business Suite technology pre-configured by Capgemini to the needs of a specific industry. You benefit from industry-leading processes, solutions to common business process challenges, and faster implementation times.

"We are delighted to partner with Capgemini to expand their dedicated migration factory. Combining our strengths and methodologies we can help customers become more agile, migrate applications more quickly and accelerate their transformation using our dedicated resources."

Terry Wise

Vice President, Channels & Alliances
Amazon Web Services, Inc.

"The cloud market continues to grow rapidly. This deeper working relationship with AWS is part of our strategic focus on expanding our cloud services. As part of our Cloud Choice offering and through this collaboration, customers will benefit from AWS best practices and cloud technologies."

Lanny Cohen

Global Chief Technology Officer,
Capgemini Group

Realizing the benefits of Cloud

Capgemini Cloud Choice leveraging AWS accelerates the transition to, or continual development of, current cloud capabilities. This means that the far-reaching benefits of cloud adoption can be quickly realized to deliver competitive advantage:

- Cost savings with lower infrastructure and technology management costs, efficiencies, and ease of management
- Scalability of operations and capabilities through migration factory dedicated to AWS

- Ability to launch new software in minutes, leading to a faster time to market
- Reduced maintenance costs and resources
- Higher levels of IT innovation due to greater investment vs. spend on maintaining existing infrastructure.

Capgemini's expertise in complex enterprise application portfolios and migrations, along with the reputation of AWS as the leader in Gartner's Magic Quadrant for Public Cloud Infrastructure¹, 2015, is our assurance that clients' cloud transformations are in safe hands.



Modernizing legacy platforms

Radian Guarantee Inc., one of America's largest mortgage insurance companies, is working with Capgemini to modernize its legacy platforms by leveraging the AWS Cloud. Using the Insurance Connect platform, Capgemini supported an initial implementation of Guidewire on the insurer's AWS environment. The solution, along with the next releases in 2016, will establish the platform for Radian to increase the productivity of underwriters, reduce cost, and establish the foundation on which to build future capabilities. With the scalability and features of AWS, the Radian platform will continue the modernization of legacy systems to include servicing and enhanced portals in the near future.

Why Capgemini with AWS?

As a world-class AWS Premier consulting partner and an AWS Managed Service Partner, Capgemini offers delivery reliability for enterprises transitioning to the cloud. AWS was the first vendor to offer a public cloud and has set the standard for public cloud services since 2006.

With end-to-end expertise in managing technology-enabled business transformation, from strategy to infrastructure, Capgemini has a long-standing relationship with AWS dating back to 2008. The compatibility of AWS technologies and innovations with our Cloud Choice program has enabled us to extend our tailored cloud product portfolio and skill sets.

Ongoing training is further expanding our AWS capabilities. You can benefit from more than a thousand Capgemini consultants and architects trained on AWS and specialized sector-specific IP solutions available on AWS.

For More Information: www.capgemini.com/aws

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About Capgemini and Sogeti

With more than 180,000 people in over 40 countries, Capgemini is a global leader in consulting, technology and outsourcing services. The Group reported 2015 global revenues of EUR 11.9 billion. Together with its clients, Capgemini creates and delivers business, technology and digital solutions that fit their needs, enabling them to achieve innovation and competitiveness. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

Sogeti is a leading provider of technology and software testing, specializing in Application, Infrastructure and Engineering Services. Sogeti offers cutting-edge solutions around Testing, Business Intelligence & Analytics, Mobile, Cloud and Cyber Security. Sogeti brings together more than 20,000 professionals in 15 countries and has a strong local presence in over 100 locations in Europe, USA and India. Sogeti is a wholly-owned subsidiary of Cap Gemini S.A., listed on the Paris Stock Exchange.

For further information visit
www.capgemini.com
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¹Gartner Magic Quadrant for Public Cloud Storage Services, Worldwide, June 2015.