

# Innovate and scale with our AWS cloud solutions

Cloud technology has become a key driver of digital transformation, with businesses increasingly migrating to enhance agility, efficiency, and innovation. In Q3 2024, global enterprise spending on cloud infrastructure services reached USD 84 billion, reflecting a 23% year-on-year growth, largely driven by AI workloads<sup>1</sup>.

The financial commitment to cloud infrastructure is accelerating. Public cloud services reached USD 805 billion in 2024, with expectations to double by 2028<sup>2</sup>.

As businesses prioritise digital transformation, cloud platforms like AWS enable organisations to optimise costs, improve operational resilience, and foster innovation.

AWS continues to lead the industry, holding a 32% market share and outpacing competitors. This dominance highlights AWS's ability to deliver scalable, secure, and high-performance cloud solutions across various industries. Leveraging AI, data analytics, and global scalability, AWS helps businesses stay competitive in a fast-evolving market.



## Benefits of AWS



### Business transformation and innovation

- **Faster time to market:** AWS customers deploy new applications and services up to 37% faster.
- **Accelerated digital transformation:** Cloud adoption enables rapid scaling and innovation.
- **Improved ESG and sustainability:** AWS data centres are up to five times more energy-efficient than traditional infrastructure.



### IT modernisation and cost efficiency

- **Lower IT costs:** AWS customers reduce IT spending by 27.4% per user.
- **Increased operational efficiency:** Cloud adoption leads to a 342% increase in deployment frequency.
- **Tech debt reduction:** AWS helps reduce legacy tech debt, outdated infrastructure, and non-compliant data architecture.



### Improved security and compliance

- **Enhanced security:** 60% of C-suite executives see cloud computing as a key factor in improving security.
- **Better regulatory compliance:** AWS offers built-in compliance frameworks, reducing overhead.

# Our offerings

01



## Cloud advisory and strategy

We assist with cloud strategy, IT estate discovery, business case development, readiness assessments for AWS adoption, AWS roadmaps, and cloud operating models.

02



## AWS migration

We provide cloud migration strategy, R lane disposition (8R), wave group migration planning, and workload migration (infrastructure, applications, and data).

03



## AWS infrastructure and automation

We help build modern cloud infrastructure with next-generation technologies and automation. This includes creating secure landing zones, using infrastructure as code, adopting platform engineering, and innovating with AI-ready infrastructure.

04



## Modernisation on AWS

We modernise applications, infrastructure, and data to maximise cloud investment and reduce Total Cost of Ownership (TCO), using modern technologies and AI.

05



## AWS cost management and optimisation (FinOps)

We offer AWS cost assessments, cost visibility and analysis, FinOps governance, COE setup, and AWS cost optimisation. Our expertise spans AWS native FinOps tools and third-party tools.

06



## AWS managed solutions and operations

We support clients with infrastructure operations, application and database management, observability, Service Level Agreement and IT service management, performance, and reliability management using AWS management, governance, and AIOps solutions.

07



## Cloud-native engineering

We build next-generation cloud-native and AI-powered applications on AWS, utilising microservices, containers, serverless, Application Programming Interfaces management, next-gen DevOps, observability, composable architecture, and Event-Driven Architecture.

08



## Modern DevOps on AWS

Our AWS-powered DevOps solutions enable seamless software delivery, enhancing agility, speed, reliability, and efficiency..

09



## Gen AI and AI/ML on AWS

We support clients with AI strategy and readiness assessments, Gen AI/AI Proof of Concepts, design and build of Gen AI and AI/ML applications using AWS solutions like SageMaker, SageMaker AI, and Bedrock, including Responsible AI, Explainable AI, FinOps for AI, and Sustainable AI.

# How we enable seamless cloud migration

## AWS landing zone: building a secure and scalable AWS foundation

We have experience in building secure, compliant, and scalable AWS landing zones that accelerate multi-account governance, enforce security policies, and enhance operational efficiency using AWS-native solutions and automation.

- **Standardised multi-account setup:**  
Establish a secure and scalable AWS environment with AWS Control Tower, AWS organisations, and Service Control Policies.
- **Identity and access management (IAS) at scale:**  
Enforce least privilege access and compliance using AWS IAS, AWS Single Sign-On, and AWS Identity Center.
- **Network and security governance:**  
Implement best practices with AWS Firewall Manager, AWS security hub, and AWS configuration for automated compliance.
- **Automated infrastructure deployment:**  
Streamline provisioning with AWS CloudFormation StackSets, AWS Cloud Development Kit, and Terraform automation.
- **Operational excellence:**  
Achieve continuous monitoring, logging, and cost visibility with AWS CloudTrail, AWS CloudWatch, and AWS Cost Explorer.

### Success story

We helped a digital native startup to build secure landing zone design and provision their foundation on AWS using AWS Control Tower, AWS Organisation, and Terraform. The landing zone was created with design principles such as a multi-account structure, built-in security and policy, centralised logging and auditing, and an easily managed Business Continuity Plan/ Disaster Recovery setup.



## AWS migration: Seamless and zero downtime cloud migration

We have experience in executing seamless cloud migrations to AWS, enabling organisations to modernise, optimise, and future-proof their workloads. our structured approach leverages automation, ai-driven insights, and aws best practices to ensure a secure, efficient, and disruption-free migration.

- **End-to-end migration strategy:**  
Define a customised migration roadmap using AWS Migration Hub, AWS Prescriptive Guidance, and Well-Architected Framework.
- **Intelligent workload assessment:**  
Identify migration-ready workloads with AWS Migration Evaluator, AWS Application Discovery Service, and Amazon Q.
- **Automated and zero downtime migration execution:**  
Leverage AWS Application Migration Service, AWS Database Migration Service, and AWS Server Migration Service for seamless workload transitions.
- **AI-powered optimisation and risk mitigation:** Utilise AWS Code Whisperer and AWS Resilience Hub for predictive failure analysis and proactive risk management.
- **Seamless post-migration modernisation**  
Unlock full cloud potential with containerisation Amazon Elastic Kubernetes Service/Elastic Container Service, serverless architectures (AWS Lambda, Fargate), and cost optimisation tools.

### Success story

We successfully completed cloud readiness assessment for an asset management major. After understanding the business priority and goals for cloud migration, we performed an initial discovery of infra, apps and data landscape followed by an analysis of their operational processes. We developed a cloud strategy that included 8R disposition, wave group planning (considering dependencies and other factors), and a high-level business case for migrating to AWS (including the AWS TCO report), which we then presented to the stakeholders.



# Why Grant Thornton Bharat

01



Our team of **AWS-certified architects and engineers** has extensive experience in designing, deploying, and optimising AWS solutions tailored to business needs.

02



We understand that each industry has unique cloud challenges, so **we customise AWS solutions** to meet sector-specific compliance, security, and performance requirements.

03



Our **smart cloud migration** approach spans cloud, infrastructure, data, applications, security, AI, and Gen AI.

04



We offer a **curated set of processes, methodologies, delivery accelerators, and reusable assets** to ensure faster AWS adoption.

05



**Our partnerships with AWS** and other cloud service providers enable us to deliver robust solutions.

06



We have a deep understanding of the **Indian market** and the needs of the **mid-market segment**.





## We are Shaping Vibrant Bharat

A member of Grant Thornton International Ltd., Grant Thornton Bharat is at the forefront of helping reshape the values in the profession. We are helping shape various industry ecosystems through our work across Assurance, Tax, Risk, Transactions, Technology and Consulting, and are going beyond to shape a more **#VibrantBharat**.

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