



# CBTS Managed Public Cloud Solutions on AWS

Leading enterprise organizations that have a cloud-first strategy are realizing transformative results in terms of cost, ability to focus on their core business, and empowering developers to continually integrate and continually deploy new capabilities, AWS is recognized by Gartner as the cloud platform with the greatest completeness of vision and ability to execute among all other providers and is very appealing to mid-large enterprise organizations seeking agile operations for strategic companywide adoption.

CBTS manages your cloud environment on AWS and helps you realize positive outcomes faster by leveraging our certified, tested and proven methodologies and well architected design principles. At CBTS, we know that every organization is on their own unique journey to the cloud and that to realize success we need to first understand your current environment, your businessgoals, and then make recommendations based on workload requirements and maximum efficiencies.

Our team of cloud architects and engineers will work with your team to map out your current topology and together we create a migration plan and agree on the design of the optimal AWS environment either in an IaaS model for cloud consumption or in a PaaS model with additional automation and leveraging cloud-native microservices.

## AWS cloud services tailored for your success



### Assess

Understand your current environment's topology and the existing workload dynamics. Document and assess which are ideal for AWS public cloud.



### Design

Our certified experts will make a recommendation and design the most cost effective and efficient cloud enforcement including application refactoring.



### Migrate

CBTS engineers and architects will transform your existing applications and infrastructure to be migrated to AWS cloud, securely and efficiently.



### Manage

CBTS manages your cloud environment on AWS, allowing your developers and operations teams to focus on driving new capabilities and leave the rest to the certified experts.

**Tier 1 provides 'foundational' support for AWS environment.**

- Ideal for organizations who:
- Want full control of their environment and reign maximum flexibility.
  - Want to get out of the data center business.
  - Have an AWS cloud first strategy but need helping migrating to the cloud.
  - Want to "lift and shift" existing VMware based environment to AWS environment with ongoing monitoring and management.

**Tier 2 provides support for advanced features and native services that are available within AWS.**

- Ideal for organizations who:
- Want automation and cloud native capabilities.
  - Want advanced optimization for billing and reporting on utilization.
  - Want customization for cloud native efficiencies and database auto scaling.
  - Want a well architected framework environment for ongoing management and governance.

**Tier 3 provides DevOps and CI/CD support service.**

- Ideal for organizations who:
- Want full automation including the interrelated infrastructure.
  - Want to automate the application development and infrastructure together enabling continuous integration, faster deployment, and consistent delivery.
  - Want containerization and serverless options recommended for optimal performance and cost savings.

	Tier 1	Tier 2	Tier 3
<b>Basic Compute Instances</b> EC2, Elastic Beanstalk, Lightsail	✓	✓	✓
<b>Storage</b> S3, S3 Glacier, EFS, FSx, Storage Gateway, AWS Backup	✓	✓	✓
<b>Databases</b> RDS, DynamoDB, ElastiCache	✓	✓	✓
<b>Networking &amp; Content Delivery</b> VPC, CloudFront, Route 53, Direct Connect	✓	✓	✓
<b>Security, Identity, &amp; Compliance</b> IAM, Resource Access Manager, Cognito, Secrets Manager, GuardDuty, Inspector, Amazon Macie, AWS Single Sign-On, Certificate Manager, Key Management Service, Directory Service (AD), WAF & Shield, Artifact	✓	✓	✓
<b>Management &amp; Governance</b> CloudWatch, AWS Auto Scaling, CloudTrail	✓	✓	✓
<b>Advanced Compute</b> Batch, ECR, ECS, EKS, Lambda, Serverless Application Repository		✓	✓
<b>AWS Cost Management</b> AWS Cost Explorer, AWS Budgets, AWS Marketplace Subscription		✓	✓
<b>Customer Engagement</b> Pinpoint, Simple Email Service		✓	✓
<b>Networking &amp; Content Delivery</b> API Gateway, AWS App Mesh, AWS Cloud Map, Global Accelerator, OpsWorks, Service Catalog, Systems Manager, Trusted Advisor, Managed Services – add-on SOW, AWS Well-Architected Tool, Personal Health Dashboard, AWS Organization		✓	✓
<b>Database – Advanced</b> Neptune – (Graphic Database), Amazon Redshift–(data warehouse), Amazon DocumentDB - (NoSQL)		✓	✓
<b>Security</b> CloudHSM, Security Hub		✓	✓
<b>Developer Tools</b> CodeStar, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, Cloud9, X-Ray			✓
<b>Application Integration</b> Step Functions, Amazon MQ, Amazon EventBridge, Simple Queue Service, SWS, Simple Notification Service			✓
<b>End User Computing</b> WorkSpaces, AppStream 2.0			✓
<b>Customer Engagement</b> Amazon Connect			✓
<b>Media Services</b> Elastic Transcoder, Kinesis Video Streams, MediaConnect, MediaConvert, MediaLive, MediaPackage, MediaStore, MediaTailor			✓
<b>Analytics</b> Athena, EMR, CloudSearch, Elasticsearch Service, Kinesis, QuickSight, Data Pipeline, AWS Glue, MSK			✓
<b>Management &amp; Governance</b> Control Tower, AWS License Manager			✓



Development



Quality Assurance



Production

## Why choose CBTS to manage your cloud environment on AWS

Embracing AWS cloud solutions for your critical applications and infrastructure can not only empower your developers to focus on what they do best, drive new software capabilities, but can also give you the competitive edge you need to succeed.

CBTS long history of providing managed services over the past decade has set the foundation for extending those services to support public cloud environments. Not only are we able to support the network, compute, storage and security, but we are also proficient in modernizing technologies such as Infrastructure as Code, orchestration, containerization, CI/CD, and more.

CBTS will partner with you to implement the appropriate management for your AWS environment, based on their purpose, i.e. development, quality assurance, or production. We utilize both cloud native tools and industry standard tools for monitoring and management of the environment. These tools will integrate with our service management environment operations center.

Talk to us today to see how we can help your organization realize the power of a managed cloud environment on AWS.



Contact us today at [cbts.com](https://cbts.com)