



Amazon AWS Web Management Services Action Items		
Requirements	Scope	Action Items
Analytics	Amazon Redshift Management	Create an AWS account and sign in to the Amazon Redshift Console
	Amazon OpenSearch Service Management	Increase operational excellence by using a popular open source solution, managed by AWS.
		Audit and secure your data with a data center and network architecture with built-in certifications.
		Systematically detect potential threats and react to a system's state through machine learning, alerting, and visualization.
	Amazon QuickSight Management	Optimize time and resources for strategic work
	Amazon QuickSight Management	Create, schedule, and share reports and data exports from a single, fully-managed, cloud-based BI service. Get business-critical information to users how and when they need it with critical operational reports and dashboards in the same solution.
AWS Data Pipeline Management	AWS Glue Management	Build and manage a modern data pipeline with a single data integration service.
		Keep costs low and focus more on your data at any scale with serverless data integration.
		Use your favorite method: drag and drop, write code, or connect using your notebook.
		Support various data processing methods and workloads, including ETL, ELT, batch, and streaming.
Amazon Data Exchange Management		
Application Integration	Amazon MQ Management	Migrate your applications more easily with updated endpoints and industry-standard APIs and protocols.
		Offload time-consuming tasks such as administration, maintenance operations, and security management for message brokers.
		Ensure high availability of your applications and durability of messages across AWS Availability Zones.
	Amazon SQS Management	Eliminate overhead with no upfront costs and without needing to manage software or maintain infrastructure.
		Reliably deliver large volumes of data, at any level of throughput, without losing messages or needing other services to be available.
	Amazon SWF Management	Securely send sensitive data between applications and centrally manage your keys using AWS Key Management.
AWS Step Functions Management	Scale elastically and cost-effectively based on usage so you don't have to worry about capacity planning and provisioning.	
	Start building quickly with Workflow Studio, a simple drag-and-drop interface for expressing complex business logic.	
	Automate workflows across over 220 AWS services without maintaining code.	
AWS AppSync Management	Use code to process data on demand with large-scale parallel workflows.	
	Visualize and develop resilient workflows for event-driven architectures.	
	Access data from one or more sources or microservices with a single network request.	
Business Productivity	Amazon WorkDocs Management	Create engaging real-time experiences by publishing data from any event source to subscribed clients through serverless WebSockets.
		Interact with and update data—even offline—with offline data synchronization, versioning, and conflict resolution.
		Pay only for requests to your API and any real-time messages delivered to connected clients.
	Amazon WorkDocs & WorkSpaces Bundle Management	Save costs with pay-as-you-go pricing and no upfront fees or commitments.
		Build content-rich applications more quickly with a growing list of document-based APIs.
		Safely encrypt your content in transit and at rest in the AWS global cloud infrastructure.
Amazon Chime Management	Work the way you want with quick access to your files and folders on demand from any device.	
Amazon Chime Management		
AWS Wickr Management	Secure collaboration across messaging, calling, file sharing, and screen sharing with end-to-end encryption.	
	Deploy and manage communication networks at scale through the AWS Management Console.	
	Retain information as required for compliance, legal hold, and audit purposes.	
Amazon EC2 Management	Automate workflows with an extensible user interface using AWS Wickr bots and API operations.	
	Access reliable, scalable infrastructure on demand. Scale capacity within minutes with SLA commitment of 99.99% availability.	
	Provide secure compute for your applications. Security is built into the foundation of Amazon EC2 with the AWS Nitro System.	



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Compute	Amazon EC2 Management	<p>Optimize performance and cost with flexible options like AWS Graviton-based instances, Amazon EC2 Spot instances, and AWS Savings Plans.</p> <p>Migrate and build apps with ease using AWS Migration Tools, AWS Managed Services, or Amazon Lightsail. Learn how AWS can help.</p>
	AWS Lambda Management	<p>Run code without provisioning or managing infrastructure. Simply write and upload code as a .zip file or container image.</p> <p>Automatically respond to code execution requests at any scale, from a dozen events per day to hundreds of thousands per second.</p> <p>Save costs by paying only for the compute time you use—by per-millisecond—instead of provisioning infrastructure upfront for peak capacity.</p> <p>Optimize code execution time and performance with the right function memory size. Respond to high demand in double-digit milliseconds with Provisioned Concurrency.</p>
	Amazon Lightsail Management	<p>Create a website or application in just a few clicks. Automatically configure networking, access, and security environments.</p> <p>Easily scale as you grow—or migrate your resources to the broader AWS ecosystem, such as Amazon EC2.</p> <p>Leverage the security and reliability of the world's leading cloud platform.</p>
	Amazon Elastic Container Registry Management	<p>Push container images to Amazon ECR without installing or scaling infrastructure, and pull images using any management tool.</p> <p>Share and download images securely over Hypertext Transfer Protocol Secure (HTTPS) with automatic encryption and access controls.</p> <p>Access and distribute your images faster, reduce download times, and improve availability using a scalable, durable architecture.</p>
	Elastic Load Balancing Management	<p>Secure your applications with integrated certificate management, user-authentication, and SSL/TLS decryption.</p> <p>Deliver applications with high availability and automatic scaling.</p> <p>Monitor the health and performance of your applications in real time, uncover bottlenecks, and maintain SLA compliance.</p>
	Amazon EC2 Management	<p>Access reliable, scalable infrastructure on demand. Scale capacity within minutes with SLA commitment of 99.99% availability.</p> <p>Provide secure compute for your applications. Security is built into the foundation of Amazon EC2 with the AWS Nitro System.</p> <p>Optimize performance and cost with flexible options like AWS Graviton-based instances, Amazon EC2 Spot instances, and AWS Savings Plans.</p> <p>Migrate and build apps with ease using AWS Migration Tools, AWS Managed Services, or Amazon Lightsail. Learn how AWS can help.</p>
	Amazon Lightsail Management	<p>Create a website or application in just a few clicks. Automatically configure networking, access, and security environments.</p> <p>Easily scale as you grow—or migrate your resources to the broader AWS ecosystem, such as Amazon EC2.</p> <p>Leverage the security and reliability of the world's leading cloud platform.</p>
	Amazon Elastic Container Registry Management	<p>Push container images to Amazon ECR without installing or scaling infrastructure, and pull images using any management tool.</p> <p>Share and download images securely over Hypertext Transfer Protocol Secure (HTTPS) with automatic encryption and access controls.</p> <p>Access and distribute your images faster, reduce download times, and improve availability using a scalable, durable architecture.</p>
	Amazon ECS Anywhere Management	<p>Run a familiar, in-region ECS control plane so you can reduce operational overhead and focus on innovation.</p> <p>Ensure a simple and consistent experience no matter where your container-based applications are running.</p> <p>Streamline software management on premises and on AWS with a standardized container orchestrator.</p>
	Containers	Amazon Elastic Container Registry Management
Amazon ECS Anywhere Management		<p>Run a familiar, in-region ECS control plane so you can reduce operational overhead and focus on innovation.</p> <p>Ensure a simple and consistent experience no matter where your container-based applications are running.</p> <p>Streamline software management on premises and on AWS with a standardized container orchestrator.</p>
Customer Engagement	Amazon Connect Management	<p>Set up a cloud contact center in just a few clicks and onboard agents to help customers right away.</p> <p>Improve agent productivity and customer experience across voice and digital channels with the all-in-one, AI- and ML-powered contact center.</p> <p>Easily scale up or down to meet customer demand, with the flexibility to onboard tens of thousands of agents working from anywhere.</p> <p>Save up to 80% compared to traditional contact center solutions with no minimum fees, long-term commitments, or upfront license charges.</p>
	Amazon SES Management	<p>Deliver high-volume email campaigns with the service that sends hundreds of billions of emails per year.</p> <p>Reach customers' inboxes as a trusted sender with secure email authentication.</p> <p>Improve your bottom line with transparent pricing designed for bulk email.</p> <p>Stay compliant from day one with HIPAA-eligible and FedRAMP-, GDPR-, and ISO-certified options.</p>
	Amazon RDS Management	<p>Remove inefficient and time-consuming database administrative tasks without needing to provision infrastructure or maintain software.</p> <p>Deploy and scale the relational database engines of your choice in the cloud or on-premises.</p> <p>Achieve high availability with Amazon RDS Multi-AZ deployments.</p>



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Database		Benefit from over a decade of proven operational expertise, security best practices, and innovation in databases born in the cloud.
	Amazon DynamoDB Management	<p>Deliver apps with consistent single-digit millisecond performance, nearly unlimited throughput and storage, and automatic multi-Region replication.</p> <p>Secure your data with encryption at rest, automatic backup and restore, and guaranteed reliability with an SLA of up to 99.999% availability.</p> <p>Focus on innovation and optimize costs with a fully managed serverless database that automatically scales up and down to fit your needs.</p> <p>Integrate with AWS services to do more with your data. Use built-in tools to perform analytics, extract insights, and monitor traffic trends.</p>
	Amazon Redshift Management	
	Amazon ElastiCache Management	<p>Boost application performance, reducing latency to microseconds.</p> <p>Scale with just a few clicks to meet the needs of your most demanding, internet-scale applications.</p> <p>Reduce costs and eliminate the operational overhead of self-managed caching.</p> <p>Build with your choice of Redis or Memcached, two popular open-source caching technologies.</p>
	AWS Database Migration Service Management	<p>Discover, assess, convert, and migrate your database and analytics workloads to AWS with automated migration.</p> <p>Maintain high availability and minimal downtime during the migration process with Multi-AZ and ongoing data replication and monitoring.</p> <p>Supports homogeneous and heterogeneous database migrations from Oracle, SQL Server, PostgreSQL, MySQL, MongoDB, MariaDB, and other databases.</p> <p>Migrate a terabyte-sized database at a low cost, paying only for the compute resources and additional log storage used during the migration process.</p>
	Amazon Keyspaces (for Apache Cassandra) Management	
	Amazon MemoryDB for Redis Management	<p>Build applications quickly with Redis, Stack Overflow's "Most Loved" database for five consecutive years.</p> <p>Access data with ultra-fast performance — process more than 13 trillion requests per day and over 160 million requests per second.</p> <p>Store data durably with in-memory storage that uses a Multi-AZ transactional log for fast database recovery and restart.</p> <p>Scale seamlessly from a few gigabytes to over one hundred terabytes of storage per cluster to meet the needs of your application.</p>
	Amazon DocumentDB (with MongoDB compatibility) Management	<p>Develop and evolve applications faster by storing, querying, indexing, and aggregating data in the same flexible JSON format that is generated in your applications.</p> <p>Scale to millions of document read and write requests per second with petabytes of storage by scaling compute and storage independently.</p> <p>Improve productivity and lower total cost of ownership with a fully managed database that removes undifferentiated manual database management tasks without licensing fees.</p> <p>Gain enterprise capabilities such as high availability, durability, low-latency global reads, and built-in security best practices while using existing MongoDB APIs, drivers, and tools.</p>
	Amazon Neptune Management	<p>Scale your graphs with unlimited vertices and edges, and more than 100,000 queries per second for the most demanding applications. Storage scaling of up to 128Tib per cluster and read scaling with up to 15 replicas per cluster.</p> <p>Provide high availability for your applications with six copies of your data maintained across three Availability Zones. Global database allows a single database to span multiple AWS Regions.</p> <p>Secure your applications with features including ACID transactions, automated backups, snapshot, and point-in-time-recovery. Comprehensive security features include encryption at transit/rest and IAM support.</p> <p>Integrate with AWS services to help data scientists and developers solve the world's most challenging problems using Amazon SageMaker for recommendations, Amazon Lambda for event-driven functions, and more.</p>
	Amazon CloudWatch Management	<p>Collect, access, and analyze your resource and application data using powerful visualization tools.</p> <p>Improve operational performance using alarms and automated actions set to activate at predetermined thresholds.</p> <p>Seamlessly integrate with more than 70 AWS services for simplified monitoring and scalability.</p> <p>Troubleshoot operational problems with actionable insights derived from logs and metrics in your CloudWatch dashboards.</p>
	AWS Amplify Hosting Management	<p>AWS Amplify Hosting is a fully managed CI/CD and hosting service for fast, secure, and reliable static and server-side rendered apps that scale with your business. Supports modern web frameworks such as React, Angular, Vue, Next.js, Gatsby, Hugo, Jekyll, and more.</p>
	AWS CodeBuild Management	<p>Avoid having to set up, manage, or patch your own build servers.</p> <p>Scale capacity automatically so builds aren't waiting in queue to run.</p> <p>Pay only for the build minutes that you use.</p>



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Developer tools	AWS CodeCommit Management	Use prepackaged build environments or your own, and encrypt artifacts with your own keys.
		Remove the need to host, maintain, back up, or scale your own source control servers.
		Customize user-specific access to your repositories with automatically encrypted files in transit.
		Keep your repositories highly available and accessible with scalable, redundant, and durable architecture.
	AWS CodePipeline Management	Maintain your repositories close to your build, staging, and production environments on AWS.
		Model your software release process and mitigate the need to set up or provision servers.
		Define the stages of your software release process using the AWS Management Console or AWS command line interface (CLI).
		Rapidly release new features, iterating on feedback and catching bugs by testing each code change.
	AWS X-Ray Management	Adapt to your needs using your own plugs, or prebuilt plugins, in any step of your release process.
		Trace user requests through your application while meeting your security and compliance objectives.
		Identify bottlenecks and determine where high latencies are occurring to improve application performance.
		Remove data silos and get the information you need to improve user experience and reduce downtime.
End User Computing	Amazon AppStream 2.0 Management	Debug serverless applications in real time, and monitor both cloud cost and performance metrics.
		Empower remote workers and react quickly to changing conditions with secure access to applications and desktops from anywhere.
		Quickly convert desktop applications to Software as a Service (SaaS) without refactoring.
	Amazon WorkDocs & WorkSpaces Bundle Management	Optimize costs through on-demand cloud scalability with a range of compute, memory, and storage options.
Front-End Web & Mobile	Amazon SNS Management	Reduce downtime with fully managed application delivery and reliable AWS infrastructure offering 99.9% uptime.
		Deliver application-to-application (A2A) notifications to integrate and decouple distributed applications.
		Distribute application-to-person (A2P) notifications to your customers with SMS texts, push notifications, and email.
		Simplify your architecture and reduce costs with message filtering, batching, ordering, and deduplication.
	Amazon API Gateway Management	Increase message durability with archiving, delivery retries, and dead-letter queues (DLQs).
		Deliver frictionless customer identity and access management (CIAM) with a cost-effective and customizable platform.
		Add security features such as adaptive authentication, support compliance, and data residency requirements.
		Scale to millions of users with a fully managed, high-performant, and reliable identity store.
	Amazon Cognito Management	Federate sign-in using OIDC or SAML 2.0 and connect to a broad group of AWS services and products.
		Personalize and segment communications to engage customers across SMS, email, push notifications, in-app messaging, and voice.
		Expand your reach with support for over 240 countries and regions.
		Automate campaigns and journeys to send customers the right message at the right time.
Amazon Pinpoint Management	Aggregate your communications into a single messaging hub.	
	AWS Amplify Hosting Management	
	AWS Device Farm Management	
	AWS AppSync Management	Access data from one or more sources or microservices with a single network request.
Create engaging real-time experiences by publishing data from any event source to subscribed clients through serverless WebSockets.		
Interact with and update data—even offline—with offline data synchronization, versioning, and conflict resolution.		
Play only for requests to your API and any real-time messages delivered to connected clients.		
Amazon Location Service Management	Easily integrate geospatial data into your applications for different use cases or geographies with data from multiple providers.	
	Quickly deploy and accelerate application development with seamless integrations with AWS services.	



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		<p>Protect user privacy, shield your sensitive information, and reduce your application's security risks.</p> <p>Access cost-effective, high-quality geospatial data from trusted data providers.</p>
Game Tech	Amazon GameLift Management	<p>Decrease server compute costs by up to 70% compared to existing on-premises deployments.</p> <p>Decrease latency by connecting and placing players on the lowest latency server instance available.</p> <p>Access reliable and scalable AWS infrastructure across 24 Regions, 8 Local Zones, and over 60 instance types.</p> <p>Choose the features and server infrastructure, whether in the cloud or on-premises, that fit your game needs.</p>
Internet of Things	AWS IoT Greengrass Management	<p>Build faster using pre-built or custom modular components, which you can easily add or remove to control your device software footprint.</p> <p>Deploy and manage device software and configuration remotely and at scale without firmware updates.</p> <p>Bring cloud processing and logic locally to edge devices and operate even with intermittent connection.</p> <p>Program your devices to transmit only high-value data, making it easy to deliver rich insights at a lower cost.</p>
	AWS IoT Core Management	<p>Connect, manage, and scale your device fleets easily and reliably without provisioning or managing servers.</p> <p>Choose your preferred communication protocol, including MQTT, HTTPS, MQTT over WSS, and LoRaWAN.</p> <p>Secure device connections and data with mutual authentication and end-to-end encryption.</p> <p>Filter, transform, and act upon device data on the fly, based on your defined business rules.</p>
	AWS IoT Device Management	<p>Swiftly onboard and organize your devices into flexible hierarchies to streamline fleet maintenance and workflow updates.</p> <p>Save time by filtering your device search based on specific attributes to make informed decisions.</p> <p>Securely and remotely monitor your device fleet health status, analyze trends, troubleshoot, and push updates at scale.</p> <p>Visualize your fleet's health status and remotely perform real-time actions, such as firmware updates and device reboots, using Fleet Hub.</p>
	AWS IoT Events Management	<p>Ingest data from multiple sources to detect the state of your processes or devices, and proactively manage maintenance schedules.</p> <p>Build custom rules and event logic to identify critical events and sensor attributes with simple "if-then-else" statements.</p> <p>Combine sensor and application data to visualize performance and quality of operations, recognize complex patterns, and trigger actions, such as automatic alerts.</p> <p>Meet your fleet demands by defining detectors for specific device types that automatically scale and manage all instances of that device.</p>
	Amazon SageMaker Management	<p>Enable more people to innovate with ML through a choice of tools—IDEs for data scientists and no-code interface for business analysts.</p> <p>Access, label, and process large amounts of structured data (tabular data) and unstructured data (photo, video, geospatial, and audio) for ML.</p> <p>Reduce training time from hours to minutes with optimized infrastructure. Boost team productivity up to 10 times with purpose-built tools.</p> <p>Automate and standardize MLOps practices and governance across your organization to support transparency and auditability.</p>
	Amazon Comprehend Management	<p>Uncover valuable insights from text in documents, customer support tickets, product reviews, emails, social media feeds, and more.</p> <p>Simplify document processing workflows by extracting text, key phrases, topics, sentiment, and more from documents such as insurance claims.</p> <p>Differentiate your business by training a model to classify documents and identify terms, with no machine learning experience required.</p> <p>Protect and control who has access to your sensitive data by identifying and redacting Personally Identifiable Information (PII) from documents.</p>
	Amazon Comprehend Medical Management	<p>Extract medical information from unstructured medical text like doctors' notes, clinical trial reports, or radiology reports</p> <p>Identify relationships among extracted health information and link to medical ontologies like ICD-10-CM, RxNorm, and SNOMED CT</p> <p>Automate and lower the cost of processing and coding unstructured medical text with easy to use APIs</p> <p>Implement patient data privacy solutions and identify protected health information (PHI) with a HIPAA-eligible service</p>
	Amazon Lex Management	<p>Easily add AI that understands intent, maintains context, and automates simple tasks across many languages.</p> <p>Design and deploy omnichannel conversational AI in one click, without worrying about hardware or infrastructure.</p>



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Machine Learning		Connect seamlessly with other AWS services to query data, execute business logic, monitor performance, and more. Pay only for speech and text requests with no upfront costs or minimum fees.	
	Amazon Polly Management	Customize and control speech output that supports lexicons and Speech Synthesis Markup Language (SSML) tags. Store and redistribute speech in standard formats like MP3 and OGG. Quickly deliver lifelike voices and conversational user experiences in consistently fast response times.	
	Amazon Rekognition Management	Quickly add pre-trained or customizable computer vision APIs to your applications without building machine learning (ML) models and infrastructure from scratch. Analyze millions of images, streaming, and stored videos within seconds, and augment human review tasks with artificial intelligence (AI). Scale up and down based on your business needs with fully managed AI capabilities and pay only for the images and videos you analyze.	
	Amazon SageMaker Ground Truth Management	Improve quality of training datasets Choose your data labeling workforce Increase visibility of data labeling operations Receive high-quality labeled data quickly	
	Amazon Transcribe Management	Extract key business insights from customer calls, video files, clinical conversations, and more. Improve business outcomes with state of the art speech recognition models that are fully managed and continuously trained. Enhance accuracy with custom models that understand your domain specific vocabulary. Ensure customer privacy and safety by masking sensitive information.	
	Amazon Translate Management	Deliver highly accurate and continually improving translations for a wide range of use cases. Build batch and real-time translation capabilities into your applications with a single API call. Customize your machine learning (ML)-translated output to define brand names, model names, and other unique terms.	
	Management & Governance	Amazon CloudWatch Management	Collect, access, and analyze your resource and application data using powerful visualization tools. Improve operational performance using alarms and automated actions set to activate at predetermined thresholds. Seamlessly integrate with more than 70 AWS services for simplified monitoring and scalability. Troubleshoot operational problems with actionable insights derived from logs and metrics in your CloudWatch dashboards.
		AWS License Manager Management	Gain greater visibility and control over how software licenses are used and prevent misuse before they happen. Save money with the maximum use of licenses, including how you track and manage licenses. Reduce the risk of noncompliance by enforcing license usage limits, blocking new launches, and using other controls. Increase your productivity by automating the placement, release, and recovery of hosts using host resource groups.
		AWS OpsWorks for Chef Automate Management	
		AWS OpsWorks for Puppet Enterprise Management	
		AWS Well-Architected Tool Management	Get architectural guidance, access to best practices, and an action plan to fine-tune your applications and workloads. Extend AWS Well-Architected functionality into your own architecture governance processes, applications, and workflows through robust APIs. Save point-in-time milestones, implement improvements, and track changes over time to measure progress. Tailor your review and enhance collaboration with custom lenses that you can share with up to 300 individual IAM users or across your entire organization.
		AWS Service Catalog Management	Quickly find and deploy approved, self-service cloud resources. Stay agile while improving governance over resources across multiple accounts. Streamline workflows by connecting to ServiceNow and Jira Service Management. Get up-to-date, accurate application definitions and metadata with AWS Service Catalog AppRegistry.
AWS CloudTrail Management		Protect your organization from penalties using CloudTrail logs to prove compliance with regulations such as SOC, PCI, and HIPAA. Improve your security posture by recording user activity and events, and set up automated workflow rules with Amazon EventBridge. Capture and consolidate user activity and API usage across AWS Regions and accounts on a single, centrally controlled platform.	
		Improve visibility and control in the cloud, on premises, and at the edge. Shorten the time to detect and resolve operational issues.	



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	AWS Systems Manager Management	Maintain instance compliance against your patch, configuration, and custom policies. Automate configuration and ongoing management of your applications and resources.	
	AWS CloudFormation Management	Scale your infrastructure worldwide and manage resources across all AWS accounts and regions through a single operation. Extend and manage your infrastructure to include cloud resources published in the CloudFormation Registry, the developer community, and your library. Automate resource management across your organization with AWS service integrations offering turnkey application distribution and governance controls.	
Media Services	Amazon Elastic Transcoder Management		
	Amazon Interactive Video Service Management	Create, configure, and deliver live streams to your viewers with a managed service. Use the same live streaming technology and global infrastructure that powers Twitch. Deliver out-of-the-box live streaming latency that can be less than 3 seconds. Integrate live streams into applications with the Amazon IVS Player and Broadcast SDKs.	
Migration & Transfer	AWS Database Migration Service Management	Discover, assess, convert, and migrate your database and analytics workloads to AWS with automated migration. Maintain high availability and minimal downtime during the migration process with Multi-AZ and ongoing data replication and monitoring. Supports homogeneous and heterogeneous database migrations from Oracle, SQL Server, PostgreSQL, MySQL, MongoDB, MariaDB, and other databases. Migrate a terabyte-sized database at a low cost, paying only for the compute resources and additional log storage used during the migration process.	
	AWS Migration Hub Management	Access essential discovery, analysis, and planning tools from a single location to build your migration plan. Accelerate your migration to AWS by building an automated migration factory. Access AWS expertise to plan your migration and meet your business objectives. Save time by using proven workflow templates that you can customize to address your specific needs.	
	AWS Application Discovery Service Management	Gather server utilization and network connection data to create a detailed migration plan. Gain a comprehensive snapshot of on-premises inventory to work with AWS experts and accelerate the migration journey. Integrate discovery data with other AWS services, such as AWS Migration Hub, to support multiple migration tasks. Protect collected data by encrypting it in transit to AWS and at rest within the service's data store.	
	CloudEndure Migration Management	Migrate applications from any source infrastructure that runs supported operating systems. Modernize your applications during migration with options such as disaster recovery and operating system or license conversion. Maintain normal business operations throughout the application replication process. Reduce costs by using one tool for a wide range of applications, with no need to invest in application-specific skills.	
	AWS Service Catalog Management	Quickly find and deploy approved, self-service cloud resources. Stay agile while improving governance over resources across multiple accounts. Streamline workflows by connecting to ServiceNow and Jira Service Management. Get up-to-date, accurate application definitions and metadata with AWS Service Catalog AppRegistry.	
	Migration Evaluator Management	Fast track decision-making for cloud migration with a customized assessment to reduce costs by up to 50%. Discover over-provisioned on-premises instances and get recommendations for cost-effective AWS alternatives. Gain expertise from our dedicated team of migration experts to build a data-driven business case for migration to AWS. Efficiently plan your migration by identifying existing licenses and running cost comparisons of Bring Your Own License (BYOL) and License Included (LI) options.	
	AWS Application Migration Service Management	Migrate applications from any source infrastructure that runs supported operating systems. Modernize your applications during migration with options such as disaster recovery and operating system or license conversion. Maintain normal business operations throughout the application replication process. Reduce costs by using one tool for a wide range of applications, with no need to invest in application-specific skills.	
	Networking & Content Delivery	Amazon API Gateway Management	
		Amazon CloudFront Management	Reduce latency by delivering data through 450+ globally dispersed Points of Presence (PoPs) with automated network mapping and intelligent routing. Improve security with traffic encryption and access controls, and use AWS Shield Standard to defend against DDoS attacks at no additional charge. Cut costs with consolidated requests, customizable pricing options, and zero fees for data transfer out from AWS origins.



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		Customize the code you run at the AWS content delivery network (CDN) edge using serverless compute features to balance cost, performance, and security.
Robotics	AWS RoboMaker Management	Run large-scale and parallel simulations with a single API call.
		Cost-effectively scale and automate simulation workloads.
		Easily create user-defined, randomized 3D virtual environments.
Security, Identity, & Compliance	Amazon Cognito Management	Deliver frictionless customer identity and access management (CIAM) with a cost-effective and customizable platform.
		Add security features such as adaptive authentication, support compliance, and data residency requirements.
		Scale to millions of users with a fully managed, high-performant, and reliable identity store.
		Federate sign-in using OIDC or SAML 2.0 and connect to a broad group of AWS services and products.
	Amazon Inspector Management	Immediately discover and scan AWS workloads for software vulnerabilities and unintended network exposure with a single click.
		Consolidate your vulnerability management solutions for Amazon EC2, AWS Lambda functions, and container images in Amazon ECR into one fully managed service.
		Use the highly accurate Inspector risk score to efficiently prioritize your remediation.
	Amazon Macie Management	Reduce mean time to remediate (MTTR) vulnerabilities and streamline workflow with Amazon EventBridge and AWS Security Hub integrations.
		Automate sensitive data discovery at scale.
		Gain cost-efficient visibility into sensitive data stored in Amazon S3.
	Amazon GuardDuty Management	Assess your Amazon S3 bucket inventory for security and access controls.
		Reduce triage time with actionable reporting of sensitive data found in Amazon S3.
		Continuously monitor your AWS accounts, instances, container workloads, users, databases, and storage for potential threats.
	AWS Key Management Service Management	Expose threats quickly using anomaly detection, ML, behavioral modeling, and threat intelligence feeds from AWS and leading third parties.
		Mitigate threats early by initiating automated responses.
		Centrally manage keys and define policies across integrated services and applications from a single point.
	AWS Security Hub Management	Encrypt data within your applications with the AWS Encryption SDK data encryption library.
		Perform signing operations using asymmetric key pairs to validate digital signatures.
		Securely generate hash-based message authentication codes (HMACs) that ensure message integrity and authenticity.
	Amazon Detective Management	Detect deviations from security best practices with a single click.
Automatically aggregate security findings in a standardized data format from AWS and partner services.		
Accelerate mean time to resolution with automated response and remediation actions.		
AWS Audit Manager Management	Determine potential security issues through a unified view of user and resource interactions.	
	Save time and effort with graph models that automatically summarize security-related relationships running on AWS.	
	Investigate and respond to security findings with streamlined visualizations.	
AWS WAF Bot Control Management	Map your AWS usage and controls with prebuilt and custom frameworks.	
	Save time with automated evidence collection, and focus on confirming that your controls work properly.	
	Streamline collaboration across teams, and ensure the integrity of your audits with read-only permissions.	
Amazon S3 Management		Scale storage resources to meet fluctuating needs with 99.99999999% (11 9s) of data durability.
		Store data across Amazon S3 storage classes to reduce costs without upfront investment or hardware refresh cycles.
		Protect your data with unmatched security, compliance, and audit capabilities.
		Easily manage data at any scale with robust access controls, flexible replication tools, and organization-wide visibility
Amazon DynamoDB Management		Deliver apps with consistent single-digit millisecond performance, nearly unlimited throughput and storage, and automatic multi-Region replication.
		Secure your data with encryption at rest, automatic backup and restore, and guaranteed reliability with an SLA of up to 99.999% availability.
		Focus on innovation and optimize costs with a fully managed serverless database that automatically scales up and down to fit your needs.
		Integrate with AWS services to do more with your data. Use built-in tools to perform analytics, extract insights, and monitor traffic trends.
		Run code without provisioning or managing infrastructure. Simply write and upload code as a .zip file or container image.



Amazon AWS Web Management Services Action Items			
Requirements	Scope	Action Items	
Serverless	AWS Lambda Management	<p>Automatically respond to code execution requests at any scale, from a dozen events per day to hundreds of thousands per second.</p> <p>Save costs by paying only for the compute time you use—by per-millisecond—instead of provisioning infrastructure upfront for peak capacity.</p> <p>Optimize code execution time and performance with the right function memory size. Respond to high demand in double-digit milliseconds with Provisioned Concurrency.</p>	
	Amazon SNS Management	<p>Deliver application-to-application (A2A) notifications to integrate and decouple distributed applications.</p> <p>Distribute application-to-person (A2P) notifications to your customers with SMS texts, push notifications, and email.</p> <p>Simplify your architecture and reduce costs with message filtering, batching, ordering, and deduplication.</p> <p>Increase message durability with archiving, delivery retries, and dead-letter queues (DLQs).</p>	
	Amazon API Gateway Management		
	Amazon SQS Management	<p>Eliminate overhead with no upfront costs and without needing to manage software or maintain infrastructure.</p> <p>Reliably deliver large volumes of data, at any level of throughput, without losing messages or needing other services to be available.</p> <p>Securely send sensitive data between applications and centrally manage your keys using AWS Key Management.</p> <p>Scale elastically and cost-effectively based on usage so you don't have to worry about capacity planning and preprovisioning.</p>	
	AWS Amplify Hosting Management		
	AWS Step Functions Management	<p>Start building quickly with Workflow Studio, a simple drag-and-drop interface for expressing complex business logic.</p> <p>Automate workflows across over 220 AWS services without maintaining code.</p> <p>Use code to process data on demand with large-scale parallel workflows.</p> <p>Visualize and develop resilient workflows for event-driven architectures.</p>	
	AWS AppSync Management	<p>Access data from one or more sources or microservices with a single network request.</p> <p>Create engaging real-time experiences by publishing data from any event source to subscribed clients through serverless WebSockets.</p> <p>Interact with and update data—even offline—with offline data synchronization, versioning, and conflict resolution.</p> <p>Pay only for requests to your API and any real-time messages delivered to connected clients.</p>	
Storage	Amazon S3 Management	<p>Scale storage resources to meet fluctuating needs with 99.99999999% (11 9s) of data durability.</p> <p>Store data across Amazon S3 storage classes to reduce costs without upfront investment or hardware refresh cycles.</p> <p>Protect your data with unmatched security, compliance, and audit capabilities.</p> <p>Easily manage data at any scale with robust access controls, flexible replication tools, and organization-wide visibility.</p>	
	Amazon CloudFront Management	<p>Reduce latency by delivering data through 450+ globally dispersed Points of Presence (PoPs) with automated network mapping and intelligent routing.</p> <p>Improve security with traffic encryption and access controls, and use AWS Shield Standard to defend against DDoS attacks at no additional charge.</p> <p>Cut costs with consolidated requests, customizable pricing options, and zero fees for data transfer out from AWS origins.</p> <p>Customize the code you run at the AWS content delivery network (CDN) edge using serverless compute features to balance cost, performance, and security.</p>	
	Amazon EFS Management	<p>Create and configure shared file systems simply and quickly for AWS compute services—no provisioning, deploying, patching, or maintenance required.</p> <p>Eliminate capacity planning with fully elastic storage and performance.</p> <p>Pay only for the storage you use and reduce costs up to 92 percent by automatically moving infrequently accessed files.</p> <p>Securely and reliably access your files with a fully managed file system designed for 99.99999999 percent (11 9s) durability and up to 99.99 percent (4 9s) of availability.</p>	
	Amazon Elastic Block Storage Management	<p>Scale fast for your most demanding, high-performance workloads, including mission-critical applications such as SAP, Oracle, and Microsoft products.</p> <p>Protect against failures with 99.999% availability, including replication within Availability Zone (AZs), and 99.999% durability with io2 Block Express volumes.</p> <p>Select the storage that best fits your workload. Volumes range from cost-effective dollar-per-GB to high performance with the fastest IOPS and throughput.</p>	
	AWS Storage Gateway Management	<p>Deliver low-latency data access to on-premises applications while leveraging the agility, economics and security capabilities of AWS in the cloud.</p> <p>Provide on-premises applications access to cloud-backed storage without disruption to your business by maintaining user and application workflows.</p> <p>Offer virtually unlimited cloud storage to users and applications without deploying new storage hardware.</p>	



Consultare Inc. Group
www.interlinkIQ.com
hello@consultareinc.com
1-202-982-3002



Amazon AWS Web Management Services Action Items

Requirements	Scope	Action Items
	Amazon ECS Anywhere Management	Support your compliance efforts with key capabilities like encryption, audit logging, and write-once, read-many (WORM) storage. Run a familiar, in-region ECS control plane so you can reduce operational overhead and focus on innovation. Ensure a simple and consistent experience no matter where your container-based applications are running. Streamline software management on premises and on AWS with a standardized container orchestrator.

To avail of our professional services kindly contact hello@consultareinc.com or call 1-202-982-3002.