

List Of All AWS Services According To AWS Cloud Practitioner Exam Guide  
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#	Service Category	Service Name	Description	Use Cases	Pricing Model
1	Analytics	Amazon Athena	Amazon Athena is an interactive query service that makes it easy to analyze data in Amazon S3 using SQL.	Ad hoc data analysis, log analysis, data lake exploration.	Pay only for the queries you run. Charged based on the amount of data scanned by each query.
2	Analytics	AWS Data Exchange	AWS Data Exchange makes it easy to find, subscribe to, and use third-party data in the cloud.	Financial market data, healthcare data, location data, consumer insights.	Pay for the data products you subscribe to, with subscription fees set by the data providers.
3	Analytics	Amazon EMR	Amazon EMR provides a managed Hadoop framework to process vast amounts of data across scalable EC2 instances.	Big data processing, data transformation, machine learning.	Pay for the instance hours and the software installed on the cluster.
4	Analytics	AWS Glue	AWS Glue is a fully managed ETL service that makes it easy to prepare and load your data for analytics.	Data cataloging, ETL operations, data preparation for analytics.	Pay for the number of data processing units (DPUs) used per hour.
5	Analytics	Amazon Kinesis	Amazon Kinesis makes it easy to collect, process, and analyze real-time, streaming data.	Real-time analytics, log and event data collection, IoT data processing.	Pay for the volume of data ingested and stored, and the resources used to process the data.
6	Analytics	Amazon Managed Streaming for Apache Kafka (MSK)	Amazon MSK is a fully managed service that makes it easy to build and run applications using Apache Kafka.	Real-time data streaming, log aggregation, event sourcing.	Pay for the broker instance hours, storage, and data transfer.
7	Analytics	Amazon OpenSearch Service	Amazon OpenSearch Service makes it easy to deploy, secure, operate, and scale OpenSearch.	Search, log and event data analysis, monitoring and observability.	Pay for the instance hours, storage, and data transfer.
8	Analytics	Amazon QuickSight	Amazon QuickSight is a scalable, serverless, machine learning-powered business intelligence (BI) service.	Business analytics, data visualization, interactive dashboards.	Pay-per-session pricing for readers and authors, and SPICE capacity pricing.
9	Analytics	Amazon Redshift	Amazon Redshift is a fully managed data warehouse that makes it simple and cost-effective to analyze all your data using standard SQL.	Data warehousing, big data analytics, business intelligence.	Pay for the compute nodes and the data stored.
10	Application Integration	Amazon EventBridge	Amazon EventBridge is a serverless event bus service that	Real-time data processing, event-driven	Pay for events published and events

			makes it easy to connect applications using events.	applications, automation workflows.	ingested into EventBridge.
11	Application Integration	Amazon Simple Notification Service (SNS)	Amazon SNS is a fully managed messaging service for both application-to-application (A2A) and application-to-person (A2P) communication.	Mobile push notifications, email notifications, SMS alerts, application alerts.	Pay based on the number of messages published and delivered.
12	Application Integration	Amazon Simple Queue Service (SQS)	Amazon SQS is a fully managed message queuing service that enables you to decouple and scale microservices.	Decoupling microservices, task scheduling, asynchronous processing.	Pay based on the number of requests and the amount of data transferred.
13	Application Integration	AWS Step Functions	AWS Step Functions makes it easy to coordinate the components of distributed applications and microservices.	Orchestrating microservices, building data processing pipelines, automating business processes.	Pay based on the number of state transitions.
14	Business Applications	Amazon Connect	Amazon Connect is an easy-to-use omnichannel cloud contact center that helps companies provide superior customer service.	Customer support, telemarketing, customer feedback.	Pay only for what you use, including contact center usage and telephony.
15	Business Applications	Amazon Simple Email Service (SES)	Amazon SES is a cloud-based email sending service designed to help digital marketers and application developers send marketing, notification, and transactional emails.	Email marketing, transactional emails, automated email notifications.	Pay for the number of emails sent and data transfer.
16	Cloud Financial Management	AWS Billing Conductor	AWS Billing Conductor simplifies the billing process for custom pricing agreements and invoicing configurations.	Custom billing, cost allocation, detailed billing reports.	Custom pricing based on usage.
17	Cloud Financial Management	AWS Budgets	AWS Budgets allows you to set custom cost and usage budgets that alert you when you exceed your thresholds.	Cost management, usage monitoring, budget alerts.	Pay based on the number of budgets and alerts created.
18	Cloud Financial Management	AWS Cost and Usage Report	The AWS Cost and Usage Report provides detailed information about your AWS costs and usage.	Cost analysis, detailed billing, financial planning.	Free to use.
19	Cloud Financial Management	AWS Cost Explorer	AWS Cost Explorer has an easy-to-use interface that lets you visualize, understand, and	Cost tracking, usage analysis, budgeting.	Pay based on the features and time period analyzed.

			manage your AWS costs and usage over time.		
20	Cloud Financial Management	AWS Marketplace	AWS Marketplace is a digital catalog with thousands of software listings from independent software vendors.	Software procurement, SaaS solutions, deployment of third-party applications.	Pay for the software products and services you use, with pricing set by the vendors.
21	Compute	AWS Batch	AWS Batch enables developers, scientists, and engineers to run hundreds of thousands of batch computing jobs.	Batch processing, job scheduling, high-performance computing.	Pay for the compute resources and storage you use to run your batch jobs.
22	Compute	Amazon EC2	Amazon EC2 provides scalable computing capacity in the AWS cloud.	Web hosting, batch processing, gaming, scientific computing, high-performance computing.	Pay for the compute instances you use. Options include On-Demand Instances, Reserved Instances, Spot Instances, and Savings Plans.
23	Compute	AWS Elastic Beanstalk	AWS Elastic Beanstalk is an easy-to-use service for deploying and scaling web applications and services.	Web application deployment, microservices deployment, application scaling.	Pay for the AWS resources (compute, storage, etc.) used by your application.
24	Compute	Amazon Lightsail	Amazon Lightsail is designed to be the easiest way to launch and manage a virtual private server with AWS.	Simple web applications, managed databases, development environments.	Pay for the instance plans you use, which include a fixed amount of memory, processing, storage, and data transfer.
25	Compute	AWS Local Zones	AWS Local Zones place compute, storage, database, and other select AWS services closer to large population centers.	Low-latency applications, gaming, live video streaming.	Pay for the AWS resources (compute, storage, etc.) used in the Local Zones.
26	Compute	AWS Outposts	AWS Outposts extend AWS infrastructure, services, APIs, and tools to virtually any data center.	Hybrid cloud, data residency requirements, low-latency applications.	Pay for the Outposts capacity and usage, as well as any additional AWS services used.
27	Compute	AWS Wavelength	AWS Wavelength embeds AWS compute and storage services within telecommunications providers' data centers at the edge of the 5G network.	5G applications, edge computing, real-time gaming.	Pay for the AWS resources (compute, storage, etc.) used in the Wavelength Zones.

28	Containers	Amazon Elastic Container Registry (ECR)	Amazon ECR is a fully managed container registry that makes it easy for developers to store, manage, and deploy Docker container images.	Container storage, application deployment, microservices.	Pay for the amount of data you store in your repositories and data transferred to the Internet.
29	Containers	Amazon Elastic Container Service (ECS)	Amazon ECS is a fully managed container orchestration service that makes it easy to deploy, manage, and scale containerized applications.	Container orchestration, microservices, scalable applications.	Pay for the AWS resources (compute, storage, etc.) used by your containerized applications.
30	Containers	Amazon Elastic Kubernetes Service (EKS)	Amazon EKS is a managed Kubernetes service that makes it easy to run Kubernetes on AWS without needing to install and operate your own Kubernetes control plane or nodes.	Kubernetes deployment, microservices, scalable applications.	Pay for the EKS clusters and the AWS resources (compute, storage, etc.) used by your applications.
31	Customer Engagement	AWS Activate for Startups	AWS Activate provides startups with low-cost, easy-to-use infrastructure needed to scale and grow any size business.	Startup growth, cloud infrastructure, business scaling.	Free program with some usage credits and special offers.
32	Customer Engagement	AWS IQ	AWS IQ connects you with AWS certified experts for on-demand project work.	Professional services, cloud consulting, project implementation.	Pay for the services provided by the experts, with pricing set by the experts.
33	Customer Engagement	AWS Managed Services (AMS)	AMS provides ongoing management of your AWS infrastructure so you can focus on your applications.	Infrastructure management, operational support, compliance management.	Custom pricing based on usage.
34	Customer Engagement	AWS Support	AWS Support provides a range of plans that provide access to tools and expertise to help you find success with AWS.	Technical support, cloud optimization, troubleshooting.	Pay for the support plan you choose (Basic, Developer, Business, Enterprise).
35	Database	Amazon Aurora	Amazon Aurora is a MySQL- and PostgreSQL-compatible relational database built for the cloud, that combines the performance and availability of high-end commercial databases with the simplicity and cost-effectiveness of open-source databases.	High-performance applications, enterprise applications, SaaS applications.	Pay for the instance hours, storage, and I/O operations used by your Aurora database.
36	Database	Amazon DynamoDB	Amazon DynamoDB is a key-value and document database that delivers single-digit	Web applications, mobile backends, IoT applications.	Pay for the read and write capacity units, storage, and optional features like on-

			millisecond performance at any scale.		demand backup and restore.
37	Database	Amazon MemoryDB for Redis	Amazon MemoryDB for Redis is a Redis-compatible, in-memory database service that delivers ultra-fast performance.	Caching, session management, real-time analytics.	Pay for the instance hours, data transfer, and optional features like backups.
38	Database	Amazon Neptune	Amazon Neptune is a fast, reliable, fully managed graph database service that makes it easy to build and run applications that work with highly connected datasets.	Social networking, recommendation engines, fraud detection.	Pay for the instance hours, storage, and I/O operations used by your Neptune database.
39	Database	Amazon RDS	Amazon RDS makes it easy to set up, operate, and scale a relational database in the cloud.	Web applications, backend services, enterprise applications.	Pay for the instance hours, storage, and I/O operations used by your RDS database.
40	Developer Tools	AWS AppConfig	AWS AppConfig is a service for creating, managing, and quickly deploying application configurations.	Feature flags, configuration management, deployment automation.	Pay based on the number of configuration deployments and data transfer.
41	Developer Tools	AWS CLI	The AWS CLI is a unified tool to manage your AWS services from the command line.	Scripting, automation, management of AWS services.	Free to use.
42	Developer Tools	AWS Cloud9	AWS Cloud9 is a cloud-based integrated development environment (IDE) that lets you write, run, and debug your code with just a browser.	Coding, debugging, collaboration.	Pay for the AWS resources (compute, storage, etc.) used by your Cloud9 environment.
43	Developer Tools	AWS CloudShell	AWS CloudShell is a browser-based shell that makes it easy to securely manage, interact with, and explore your AWS resources.	Command-line management, scripting, resource exploration.	Free to use with some limits on compute resources.
44	Developer Tools	AWS CodeArtifact	AWS CodeArtifact is a fully managed artifact repository service that makes it easy for organizations to securely store, publish, and share software packages.	Package management, dependency management, software distribution.	Pay based on the storage used and the number of requests made to the repository.
45	Developer Tools	AWS CodeBuild	AWS CodeBuild is a fully managed continuous integration service that compiles source code, runs tests, and produces software packages that are ready to deploy.	Continuous integration, automated testing, build automation.	Pay based on the compute resources used for the build.

46	Developer Tools	AWS CodeCommit	AWS CodeCommit is a fully managed source control service that makes it easy for teams to host secure and scalable Git repositories.	Source control, version management, team collaboration.	Pay based on the storage used and the number of Git requests.
47	Developer Tools	AWS CodeDeploy	AWS CodeDeploy is a fully managed deployment service that automates software deployments to a variety of compute services.	Application deployment, update automation, release management.	Pay based on the number of deployments.
48	Developer Tools	AWS CodePipeline	AWS CodePipeline is a fully managed continuous delivery service that helps you automate your release pipelines for fast and reliable application and infrastructure updates.	Continuous delivery, release automation, deployment pipelines.	Pay based on the number of active pipelines.
49	Developer Tools	AWS CodeStar	AWS CodeStar enables you to quickly develop, build, and deploy applications on AWS with a unified user interface.	Application development, team collaboration, project management.	Free to use with the resources used billed separately.
50	Developer Tools	AWS X-Ray	AWS X-Ray helps developers analyze and debug production, distributed applications, such as those built using a microservices architecture.	Application debugging, performance analysis, distributed tracing.	Pay based on the number of traces and the amount of data stored.
51	End User Computing	Amazon AppStream 2.0	Amazon AppStream 2.0 is a fully managed application streaming service that provides users with instant access to their desktop applications from anywhere.	Remote work, application streaming, workforce productivity.	Pay based on the instance hours, user sessions, and storage used.
52	End User Computing	Amazon WorkSpaces	Amazon WorkSpaces is a fully managed, secure Desktop-as-a-Service (DaaS) solution that enables you to provision desktops quickly and scale to provide thousands of desktops to workers across the globe.	Virtual desktops, remote work, secure desktop access.	Pay based on the WorkSpaces bundles used, which include a fixed amount of memory, storage, and data transfer.
53	End User Computing	Amazon WorkSpaces Web	Amazon WorkSpaces Web is a low-cost, fully managed workspace built to facilitate secure, web-based workloads.	Web-based workloads, secure browser access, remote work.	Pay based on the instance hours and user sessions used.
54	Frontend Web and Mobile	AWS Amplify	AWS Amplify provides a set of tools and services that enable	Mobile development,	Pay for the AWS resources (compute,

			front-end web and mobile developers to build scalable full-stack applications powered by AWS.	web development, backend integration.	storage, etc.) used by your application.
55	Frontend Web and Mobile	AWS AppSync	AWS AppSync is a managed service that uses GraphQL to make it easy for applications to get exactly the data they need.	Real-time applications, mobile backends, API management.	Pay based on the number of queries, mutations, and data transfer.
56	Frontend Web and Mobile	AWS Device Farm	AWS Device Farm is an app testing service that lets you test your mobile and web applications on real devices in the AWS Cloud.	Mobile testing, web app testing, cross-device compatibility testing.	Pay based on the device minutes used for testing.
57	Internet of Things (IoT)	AWS IoT Core	AWS IoT Core lets you connect IoT devices to the AWS Cloud without the need to provision or manage servers.	IoT applications, device management, real-time data processing.	Pay based on the number of messages and the amount of data transferred.
58	Internet of Things (IoT)	AWS IoT Greengrass	AWS IoT Greengrass extends AWS to edge devices so they can act locally on the data they generate while still using the cloud for management, analytics, and durable storage.	Edge computing, IoT applications, local data processing.	Pay for the compute resources used by the Greengrass core and the data transferred.
59	Machine Learning	Amazon Comprehend	Amazon Comprehend is a natural language processing (NLP) service that uses machine learning to find insights and relationships in a text.	Sentiment analysis, entity recognition, topic modeling.	Pay based on the number of units of text processed.
60	Machine Learning	Amazon Kendra	Amazon Kendra is an intelligent search service powered by machine learning that enables organizations to provide relevant information to customers and employees when needed.	Enterprise search, knowledge management, information retrieval.	Pay based on the number of queries and the amount of data indexed.
61	Machine Learning	Amazon Lex	Amazon Lex is a service for building conversational interfaces into any application using voice and text.	Chatbots, virtual assistants, automated customer service.	Pay based on the number of text and voice requests processed.
62	Machine Learning	Amazon Polly	Amazon Polly is a service that turns text into lifelike speech, allowing you to create applications that talk and build entirely new categories of speech-enabled products.	Text-to-speech, accessibility, voice-driven applications.	Pay based on the number of characters converted to speech.



63	Machine Learning	Amazon Rekognition	Amazon Rekognition makes it easy to add image and video analysis to your applications using proven, highly scalable, deep learning technology.	Facial recognition, object detection, video analysis.	Pay based on the number of images and videos analyzed.
64	Machine Learning	Amazon SageMaker	Amazon SageMaker is a fully managed service that provides every developer and data scientist with the ability to build, train, and deploy machine learning (ML) models quickly.	Machine learning model training, deployment, and management.	Pay for the compute and storage resources used for training and deploying models.
65	Machine Learning	Amazon Textract	Amazon Textract is a service that automatically extracts text and data from scanned documents.	Document processing, data extraction, text analysis.	Pay based on the number of pages processed.
66	Machine Learning	Amazon Transcribe	Amazon Transcribe is an automatic speech recognition (ASR) service that makes it easy for developers to add speech-to-text capabilities to their applications.	Transcription, speech-to-text, voice analytics.	Pay based on the number of audio hours processed.
67	Machine Learning	Amazon Translate	Amazon Translate is a neural machine translation service that delivers fast, high-quality, and affordable language translation.	Real-time translation, multilingual applications, content localization.	Pay based on the number of characters translated.
68	Management and Governance	AWS Auto Scaling	AWS Auto Scaling monitors your applications and automatically adjusts capacity to maintain steady, predictable performance at the lowest possible cost.	Automatic scaling, resource management, cost optimization.	Pay for the AWS resources used by the scaled applications.
69	Management and Governance	AWS CloudFormation	AWS CloudFormation provides a common language for you to model and provision all the infrastructure resources in your cloud environment.	Infrastructure as code, resource provisioning, configuration management.	Pay for the AWS resources used by the provisioned infrastructure.
70	Management and Governance	AWS CloudTrail	AWS CloudTrail is a service that enables governance, compliance, and operational and risk auditing of your AWS account.	Security auditing, compliance tracking, operational monitoring.	Pay based on the number of events and data volume recorded.
71	Management and Governance	Amazon CloudWatch	Amazon CloudWatch is a monitoring and management service built for developers, system operators, site reliability	Monitoring, logging, alerting.	Pay based on the number of metrics, logs, and alarms used.



			engineers (SRE), and IT managers.		
72	Management and Governance	AWS Compute Optimizer	AWS Compute Optimizer recommends optimal AWS resources for your workloads to reduce costs and improve performance.	Cost optimization, resource management, performance tuning.	Free to use.
73	Management and Governance	AWS Config	AWS Config provides a detailed view of the configuration of AWS resources in your AWS account.	Configuration tracking, compliance auditing, security analysis.	Pay based on the number of configuration items recorded and rules evaluated.
74	Management and Governance	AWS Control Tower	AWS Control Tower offers the easiest way to set up and govern a secure, multi-account AWS environment based on AWS best practices.	Multi-account management, security governance, compliance management.	Pay for the AWS resources used by the managed accounts.
75	Management and Governance	AWS Health Dashboard	The AWS Health Dashboard provides personalized alerts and remediation guidance when AWS is experiencing events that may impact you.	Incident management, operational monitoring, health checks.	Free to use.
76	Management and Governance	AWS Launch Wizard	AWS Launch Wizard offers a guided way of sizing, configuring, and deploying AWS resources for third-party applications.	Application deployment, configuration management, resource provisioning.	Pay for the AWS resources used by the deployed applications.
77	Management and Governance	AWS License Manager	AWS License Manager makes it easier to manage your software licenses from vendors such as Microsoft, SAP, Oracle, and IBM across AWS and your on-premises environments.	License management, compliance tracking, cost optimization.	Free to use.
78	Management and Governance	AWS Management Console	The AWS Management Console provides a web-based user interface for accessing and managing your AWS cloud infrastructure.	Cloud management, resource provisioning, service monitoring.	Free to use.
79	Management and Governance	AWS Organizations	AWS Organizations helps you centrally manage and govern your environment as you grow and scale your AWS resources.	Multi-account management, policy enforcement, cost management.	Free to use with some features like consolidated billing.

80	Management and Governance	AWS Resource Groups and Tag Editor	AWS Resource Groups and Tag Editor help you organize and manage your AWS resources using tags.	Resource organization, cost allocation, management at scale.	Free to use.
81	Management and Governance	AWS Service Catalog	AWS Service Catalog allows organizations to create and manage catalogs of IT services that are approved for use on AWS.	Service provisioning, compliance enforcement, IT management.	Pay based on the number of portfolios and products.
82	Management and Governance	AWS Systems Manager	AWS Systems Manager provides a unified user interface so you can track and resolve operational issues across your AWS applications and resources from a central place.	Operational management, automation, resource management.	Pay based on the number of managed instances and the features used.
83	Management and Governance	AWS Trusted Advisor	AWS Trusted Advisor is an online resource to help you reduce cost, increase performance, and improve security by optimizing your AWS environment.	Cost optimization, security enhancements, performance tuning.	Pay for the support plan you choose.
84	Management and Governance	AWS Well-Architected Tool	The AWS Well-Architected Tool helps you review the state of your workloads and compares them to the latest AWS architectural best practices.	Architectural assessments, workload optimization, best practices implementation.	Free to use.
85	Migration and Transfer	AWS Application Discovery Service	AWS Application Discovery Service helps enterprise customers plan migration projects by gathering information about their on-premises data centers.	Migration planning, data center discovery, workload assessment.	Pay based on the number of servers discovered and data collected.
86	Migration and Transfer	AWS Application Migration Service	AWS Application Migration Service simplifies and expedites your migration to the cloud by converting your source servers to run natively on AWS.	Lift-and-shift migration, workload modernization, disaster recovery.	Pay based on the number of servers migrated and the data transferred.
87	Migration and Transfer	AWS Database Migration Service (DMS)	AWS DMS helps you migrate databases to AWS quickly and securely.	Database migration, data replication, database modernization.	Pay based on the number of instances and the storage used by the migration tasks.
88	Migration and Transfer	AWS Migration Hub	AWS Migration Hub provides a single place to discover your existing servers, plan migrations,	Migration planning, progress tracking, workload management.	Free to use with some features like data collection billed separately.

			and track the status of each application migration.		
89	Migration and Transfer	AWS Schema Conversion Tool (SCT)	AWS SCT makes heterogeneous database migrations predictable by automatically converting the source database schema and a majority of the custom code to a format compatible with the target database.	Schema conversion, database migration, application modernization.	Free to use.
90	Migration and Transfer	AWS Snow Family	The AWS Snow Family helps you physically transport up to exabytes of data into and out of AWS using secure storage devices.	Large data transfers, data migration, disaster recovery.	Pay based on the device type and usage.
91	Migration and Transfer	AWS Transfer Family	AWS Transfer Family provides fully managed support for file transfers directly into and out of Amazon S3 or Amazon EFS.	File transfer, data migration, data synchronization.	Pay based on the amount of data transferred and the number of connections.
92	Networking and Content Delivery	Amazon API Gateway	Amazon API Gateway is a fully managed service that makes it easy for developers to create, publish, maintain, monitor, and secure APIs at any scale.	API management, microservices, serverless applications.	Pay based on the number of API calls, data transfer, and optional features like caching.
93	Networking and Content Delivery	Amazon CloudFront	Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally with low latency and high transfer speeds.	Content delivery, website acceleration, media streaming.	Pay based on the amount of data transferred and the number of requests.
94	Networking and Content Delivery	AWS Direct Connect	AWS Direct Connect makes it easy to establish a dedicated network connection from your premises to AWS.	Hybrid cloud, network connectivity, data transfer optimization.	Pay based on the port hours and data transfer.
95	Networking and Content Delivery	AWS Global Accelerator	AWS Global Accelerator is a networking service that improves the availability and performance of your applications with local or global users.	Application acceleration, global load balancing, multi-region deployments.	Pay based on the amount of data transferred and the number of accelerator hours.
96	Networking and Content Delivery	Amazon Route 53	Amazon Route 53 is a highly available and scalable cloud Domain Name System (DNS) web service.	Domain registration, DNS management, traffic routing.	Pay based on the number of hosted zones, queries, and domain names registered.

97	Networking and Content Delivery	Amazon VPC	Amazon VPC lets you provision a logically isolated section of the AWS cloud where you can launch AWS resources in a virtual network that you define.	Network isolation, security management, scalable network infrastructure.	Pay based on the resources used in the VPC, such as subnets, routing tables, NAT gateways, etc.
98	Networking and Content Delivery	AWS VPN	AWS VPN establishes secure connections from your on-premises or remote networks to your Amazon VPCs.	Secure connectivity, remote access, hybrid cloud.	Pay based on the number of VPN connections and the data transferred.
99	Security, Identity, and Compliance	AWS Artifact	AWS Artifact provides on-demand access to AWS's security and compliance reports and select online agreements.	Compliance auditing, security documentation, legal agreements.	Free to use.
100	Security, Identity, and Compliance	AWS Audit Manager	AWS Audit Manager helps you continuously audit your AWS usage to simplify how you assess risk and compliance with regulations and industry standards.	Compliance auditing, risk assessment, regulatory reporting.	Pay based on the number of assessments, control evaluations, and evidence collected.
101	Security, Identity, and Compliance	AWS Certificate Manager (ACM)	AWS Certificate Manager lets you easily provision, manage, and deploy public and private SSL/TLS certificates for use with AWS services and your internal connected resources.	SSL/TLS certificate management, secure communications, website security.	Pay for the certificates you use, with some free options for public certificates.
102	Security, Identity, and Compliance	AWS CloudHSM	AWS CloudHSM provides fully managed hardware security module (HSM) appliances within the AWS cloud.	Cryptographic operations, key management, compliance requirements.	Pay based on the number of HSM instances and the data processed.
103	Security, Identity, and Compliance	Amazon Cognito	Amazon Cognito lets you add user sign-up, sign-in, and access control to your web and mobile apps quickly and easily.	User authentication, identity management, secure access.	Pay based on the number of active users and the features used.
104	Security, Identity, and Compliance	Amazon Detective	Amazon Detective makes it easy to analyze, investigate, and quickly identify the root cause of potential security issues or suspicious activities.	Security investigation, threat analysis, incident response.	Pay based on the amount of data ingested and stored.
105	Security, Identity, and Compliance	AWS Directory Service	AWS Directory Service for Microsoft Active Directory, also known as AWS Managed Microsoft AD, enables your directory-aware workloads and AWS resources to use managed	Active Directory integration, identity management, secure access.	Pay based on the number of domain controllers and the data processed.

			Active Directory in the AWS Cloud.		
106	Security, Identity, and Compliance	AWS Firewall Manager	AWS Firewall Manager simplifies your AWS WAF, AWS Shield Advanced, and Amazon VPC security group administration and maintenance tasks across multiple accounts and resources.	Firewall management, security policy enforcement, compliance management.	Pay based on the number of policy assessments and the features used.
107	Security, Identity, and Compliance	Amazon GuardDuty	Amazon GuardDuty is a threat detection service that continuously monitors for malicious activity and unauthorized behavior to protect your AWS accounts and workloads.	Threat detection, security monitoring, anomaly detection.	Pay based on the amount of data processed and the number of detections.
108	Security, Identity, and Compliance	AWS Identity and Access Management (IAM)	AWS IAM enables you to manage access to AWS services and resources securely.	Access management, user permissions, secure authentication.	Free to use.
109	Security, Identity, and Compliance	AWS IAM Identity Center (AWS Single Sign-On)	AWS IAM Identity Center makes it easy to centrally manage access to multiple AWS accounts and business applications.	Single sign-on, centralized access management, user provisioning.	Free to
110	Security, Identity, and Compliance	Amazon Inspector	Amazon Inspector is an automated security assessment service that helps improve the security and compliance of applications deployed on AWS.	Security assessment, vulnerability management, compliance auditing.	Pay based on the number of assessments and the amount of data processed.
111	Security, Identity, and Compliance	AWS Key Management Service (AWS KMS)	AWS KMS makes it easy to create and control the cryptographic keys used to secure your data.	Key management, data encryption, secure storage.	Pay based on the number of keys and the cryptographic operations performed.
112	Security, Identity, and Compliance	Amazon Macie	Amazon Macie is a data security and data privacy service that uses machine learning and pattern matching to discover and protect your sensitive data in AWS.	Data protection, privacy compliance, security monitoring.	Pay based on the amount of data processed and the number of detections.
113	Security, Identity, and Compliance	AWS Network Firewall	AWS Network Firewall is a managed firewall service to protect your Amazon VPCs against network threats.	Network security, threat prevention, traffic filtering.	Pay based on the number of firewall endpoints and the data processed.
114	Security, Identity, and Compliance	AWS Resource Access Manager (AWS RAM)	AWS RAM enables you to share your resources with any AWS	Resource sharing, multi-account	Free to use.

			account or within your AWS Organization.	management, cost optimization.	
115	Security, Identity, and Compliance	AWS Secrets Manager	AWS Secrets Manager helps you protect access to your applications, services, and IT resources without the upfront cost and complexity of managing your own hardware security module (HSM) infrastructure.	Secret management, secure access, automated rotation.	Pay based on the number of secrets and the number of API calls.
116	Security, Identity, and Compliance	AWS Security Hub	AWS Security Hub gives you a comprehensive view of your high-priority security alerts and compliance status across AWS accounts.	Security monitoring, compliance tracking, threat management.	Pay based on the amount of data processed and the number of findings.
117	Security, Identity, and Compliance	AWS Shield	AWS Shield is a managed DDoS protection service that safeguards applications running on AWS.	DDoS protection, network security, threat prevention.	Pay based on the level of protection chosen (Standard or Advanced).
118	Security, Identity, and Compliance	AWS WAF	AWS WAF is a web application firewall that helps protect your web applications or APIs against common web exploits and bots.	Web application security, API protection, threat mitigation.	Pay based on the number of web ACLs, rules, and the amount of data processed.
119	Serverless	AWS Fargate	AWS Fargate is a serverless compute engine for containers that works with Amazon ECS and Amazon EKS.	Container orchestration, microservices, serverless applications.	Pay based on the vCPU and memory resources used by the containerized applications.
120	Serverless	AWS Lambda	AWS Lambda is a serverless compute service that runs your code in response to events and automatically manages the underlying compute resources.	Data processing, real-time file processing, web backends, event-driven applications.	Pay based on the number of requests and the compute time used by your functions.
121	Storage	AWS Backup	AWS Backup is a fully managed backup service that makes it easy to centralize and automate the backup of data across AWS services.	Data protection, disaster recovery, compliance.	Pay based on the amount of data backed up and the storage used for backups.
122	Storage	Amazon Elastic Block Store (Amazon EBS)	Amazon EBS provides block storage volumes for use with Amazon EC2 instances.	Persistent storage, high-performance workloads, database storage.	Pay based on the volume type, size, and I/O operations.
123	Storage	Amazon Elastic File System (Amazon EFS)	Amazon EFS provides simple, scalable, elastic file storage for use with AWS Cloud services and on-premises resources.	Shared file storage, content management, data archiving.	Pay based on the amount of storage used and the data transfer.

124	Storage	AWS Elastic Disaster Recovery	AWS Elastic Disaster Recovery minimizes downtime and data loss with fast, reliable disaster recovery to AWS.	Disaster recovery, business continuity, data replication.	Pay based on the amount of data replicated and the resources used for recovery.
125	Storage	Amazon FSx	Amazon FSx provides fully managed, cost-effective, and scalable file storage with the feature sets and performance of popular commercial file systems.	High-performance computing, Windows file storage, data analytics.	Pay based on the storage capacity, throughput, and I/O requests.
126	Storage	Amazon S3	Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and performance.	Backup and restore, disaster recovery, data archiving, big data analytics, content storage.	Pay for the storage used, requests, and data transfer.
127	Storage	Amazon S3 Glacier	Amazon S3 Glacier is a secure, durable, and extremely low-cost storage service for data archiving and long-term backup.	Long-term data storage, regulatory compliance, archival storage.	Pay based on the amount of data stored and retrieval times (Standard, Expedited, and Bulk).
128	Storage	AWS Storage Gateway	AWS Storage Gateway is a hybrid cloud storage service that gives you on-premises access to virtually unlimited cloud storage.	Backup and restore, hybrid cloud storage, data archiving.	Pay for the storage capacity used, data transfer, and API requests.