AWS Service Descriptions

ACM Private CA

Amazon ACM Private CA

ACM Private CA provides you a highly-available private CA service without the upfront investment and ongoing maintenance costs of operating your own private CA. AWS Certificate Manager (ACM) Private Certificate Authority (CA) is a private CA service that extends ACM's certificate management capabilities to both public and private certificates.

AWS Directory Service

AWS Directory Service

AWS Directory Service for Microsoft Active Directory, also known as AWS Managed Microsoft Active Directory (AD), enables your directory-aware workloads and AWS resources to use managed Active Directory (AD) in AWS.

AWS ELB

AWS ELB (Elastic Load Balancer)

Elastic Load Balancing (ELB) automatically distributes incoming application traffic across multiple targets and virtual appliances in one or more Availability Zones (AZs).

AWS KMS

AWS Key Management System (KMS)

AWS Key Management Service (AWS KMS) makes it easy for you to create and manage cryptographic keys and control their use across a wide range of AWS services and in your applications.

AWS SSO

AWS Single Sign On

AWS Single Sign-On is a cloud-based single sign-on (SSO) service that makes it easy to centrally manage SSO access to all of your AWS accounts and cloud applications. Specifically, it helps you manage SSO access and user permissions across all your AWS accounts in AWS Organizations.

AWS WAF

AWS WAF (Web Application Firewall)

AWS WAF is a web application firewall that helps protect your web applications or APIs against common web exploits and bots that may affect availability, compromise security, or consume excessive resources.

Certificate Manager

AWS Certificate Manager

AWS Certificate Manager is a service that lets you easily provision, manage, and deploy public and private Secure Sockets Layer/Transport Layer Security (SSL/TLS) certificates for use with AWS services and your internal connected resources.

Cloud Front

Amazon Cloud Front

Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally with low latency, high transfer speeds, all within a developer-friendly environment.

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Aligned Technology Group (Aligned), is a specialized technology advisor and consultant focused on specific areas of excellence, including: Cloud, Data, Security and Core Infrastructure. The firm provides professional services to large and mid-sized enterprise-class organizations throughout the United States. Aligned is a value-centric partner with a differentiated engagement approach dedicated to selecting and employing technologies to enable and empower business success. With a team of highly experienced consultants and technologists and an expansive partner ecosystem, Aligned is attuned to the latest in technology advancements, innovations and industry trends.

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Cloud HSM
AWS Cloud HSM

AWS CloudHSM is a cloud-based hardware security module (HSM) that enables you to easily generate and use your own encryption keys on the AWS Cloud. With CloudHSM, you can manage your own encryption keys using FIPS 140-2 Level 3 validated HSMs.

CloudTrail
Amazon CloudTrail

AWS CloudTrail is an AWS service that helps you enable governance, compliance, and operational and risk auditing of your AWS account. Actions taken by a user, role, or an AWS service are recorded as events in CloudTrail. Events include actions taken in the AWS Management Console, AWS Command Line Interface, and AWS SDKs and APIs.

Cognito
Amazon Cognito

Amazon Cognito lets you add user sign-up, sign-in, and access control to your web and mobile apps quickly and easily. Amazon Cognito scales to millions of users and supports sign-in with social identity providers, such as Apple, Facebook, Google, and Amazon, and enterprise identity providers via SAML 2.0 and OpenID Connect.

Config
AWS Config

AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations.

Config Aggregator
AWS Config Aggregator

An aggregator is an AWS Config resource type that collects AWS Config configuration and compliance data from multiple AWS accounts and Regions into a single account and Region to get a centralized view of your resource inventory and compliance

Control Tower
AWS Control Tower

AWS Control Tower automates the setup of a new landing zone using best-practices blueprints for identity, federated access, and account structure. A landing zone is a well-architected, multi-account AWS environment based on security and compliance best practices.

Detective
Amazon Detective

Amazon Detective automatically collects log data from your AWS resources and uses machine learning, statistical analysis, and graph theory to build a linked set of data that enables you to easily conduct faster and more efficient security investigations.

EC2
AWS EC2

Amazon EC2 provides a wide selection of instance types (virtual machines) optimized to fit different use cases. Instance types comprise varying combinations of CPU, memory, storage, and networking capacity and give you the flexibility to choose the appropriate mix of resources for your applications.

EventBridge
Amazon EventBridge

Formerly known as CloudWatch Events, Amazon EventBridge is a serverless event bus service that you can use to connect your applications with data from a variety of sources. EventBridge delivers a stream of real-time data from your applications, software as a service (SaaS) applications, and AWS services to targets such as AWS Lambda functions, HTTP invocation endpoints using API destinations, or event buses in other AWS accounts.

Firewall Manager
AWS Firewall Manager

AWS Firewall Manager is a security management service which allows you to centrally configure and manage firewall rules across your accounts and applications in AWS Organizations. Using AWS Firewall Manager, you can easily roll out AWS WAF rules for your Application Load Balancers, API Gateways, and Amazon CloudFront distributions. You can create AWS Shield Advanced protections for your Application Load Balancers, ELB Classic Load Balancers, Elastic IP Addresses and CloudFront distributions. You can also configure new Amazon Virtual Private Cloud (VPC) security groups and audit any existing VPC security groups for your Amazon EC2, Application Load Balancer (ALB) and ENI resource types (virtual network cards).

IAM
AWS Ideantity & Access Manageement

AWS Identity and Access Management (IAM) provides fine-grained access control across all of AWS. With IAM, you can specify who can access which services and resources, and under which conditions. With IAM policies, you manage permissions to your workforce and systems to ensure least-privilege permissions.

IAM Access Advisor
AWS IAM Access Advisor

Amazon GuardDuty is a threat detection service that continuously monitors your AWS accounts and workloads for malicious activity and delivers detailed security findings for visibility and remediation.

IAM Access Analyzer
AWS IAM Access Analyzer

Access Analyzer helps you identify the resources in your organization and accounts, such as Amazon S3 buckets or IAM roles, shared with an external entity. This lets you identify unintended access to your resources and data, which is a security risk.

Lambda
AWS Lambda

AWS Lambda lets you run code without provisioning or managing servers. You pay only for the compute time you consume - there is no charge when your code is not running.

Managed Microsoft AD
AWS Managed Microsoft AD

AWS Directory Service lets you run Microsoft Active Directory (AD) as a managed service. AWS Directory Service for Microsoft Active Directory, also referred to as AWS Managed Microsoft AD.

Route 53
Amazon Route 53

Amazon Route 53 is a highly available and scalable Domain Name System (DNS) web service. Route 53 connects user requests to internet applications running on AWS or on-premises.

Secrets Manager
AWS Secrets Manager

AWS Secrets Manager helps you protect secrets needed to access your applications, services, and IT resources. The service enables you to easily rotate, manage, and retrieve database credentials, API keys, and other secrets throughout their lifecycle.

AWS Shield
AWS Shield

AWS Shield is a managed service that provides protection against Distributed Denial of Service (DDoS) attacks for applications running on AWS. AWS Shield Standard is automatically enabled to all AWS customers at no additional cost. AWS Shield Advanced is an optional paid service. AWS Shield Advanced provides additional protections against more sophisticated and larger attacks for your applications running on Amazon Elastic Compute Cloud (EC2), Elastic Load Balancing (ELB), Amazon CloudFront, AWS Global Accelerator, and Route 53.

Inspector
Amazon Inspector

Amazon Inspector is an automated vulnerability management service that continually scans AWS workloads for software vulnerabilities and unintended network exposure.

Macie
Amazon Macie

Amazon Macie is a fully managed data security and data privacy service that uses machine learning and pattern matching to discover and protect your sensitive data in AWS.

OrganizationTrail
AWS Organization Trail

(CloudTrail) organization trails log events for the management account and all member accounts in the organization.

S3
AWS Simple Storage Service (S3)

Amazon Simple Storage Service (Amazon S3) is an object storage service that offers industry-leading scalability, data availability, security, and performance. You can use Amazon S3 to store and retrieve any amount of data at any time, from anywhere.

Security Hub
AWS Security Hub

Security Hub aggregates, organizes, and prioritizes security alerts, or findings, from multiple AWS services, such as Amazon GuardDuty, Amazon Inspector, and Amazon Macie, as well as from AWS Partner solutions that it relies on to perform security best practice checks, aggregates alerts, and enables automated remediation.

Systems Manager
AWS Systems Manager

Systems Manager provides a central place to view and manage your AWS resources, so you can have complete visibility and control over your operations. For example, you can select a resource group and view its recent API activity, resource configuration changes, related notifications, operational alerts, software inventory, and patch compliance status.

VPC
AWS VPC

Amazon Virtual Private Cloud (Amazon VPC) enables you to launch AWS resources into a virtual network that you've defined. This virtual network closely resembles a traditional network that you'd operate in your own data center, with the benefits of using the scalable infrastructure of AWS.