

Popular AWS & Cloud Computing Acronyms

As you navigate the world of cloud computing, specifically Amazon Web Services (AWS), you're bound to come across a slew of acronyms. To help you decode this "alphabet soup" of terms, ClearScale curated a comprehensive list of the most commonly used acronyms in the industry.

From 'ACL' to 'XML', this document provides a breakdown of each acronym. With this resource, we aim to demystify the terminology and foster better comprehension of AWS and cloud computing as a whole.

Acronym	Description
ACL	Access Control List
ACM	AWS Certificate Manager
AI	Artificial Intelligence
AMI	Amazon Machine Image
API	Application Programming Interface
AR	Augmented Reality
ARN	Amazon Resource Name
ASCII	American Standard Code for Information Interchange
ASR	Automatic Speech Recognition
AWS	Amazon Web Services
AZ	Availability Zone
BGP ASN	Border Gateway Protocol Autonomous System Number
BYOL	Bring Your Own License
CA	Certificate Authority
CDK	Cloud Development Kit
CDN	Content Delivery Network
CI/CD	Continuous Integration and Continuous Delivery
CLI	Command Line Interface
CMK	Custom Master Key
CORS	Cross-Origin Resource Sharing
CPU	Central Processing Unit
CSP	Cloud Service Provider
CV	Computer Vision
DB	Database
DHCP	Dynamic Host Configuration Protocol
DKIM	DomainKeys Identified Mail
DMS	Database Migration Service
DNS	Domain Name System
DR	Disaster Recovery
EBS	Elastic Block Store

EC2	Elastic Compute Cloud
ECR	Elastic Container Registry
ECS	Elastic Container Service
EFS	Elastic File System
EIP	Elastic IP
EKS	Elastic Kubernetes Service
ELB	Elastic Load Balancer
EMP	End-of-Service Migration Program
EMR	Elastic Map Reduce
ENI	Elastic Network Interface
ETL	Extract, Transform, and Load
FIM	Federated Identity Management
FIS	Fault Injection Simulator
FTP	File Transfer Protocol
FTPS	File Transfer Protocol over SSL
GB	Gigabyte
GPU	Graphics Processing Unit
HA	High Availability
HIPAA	Health Insurance Portability and Accountability Act
HMAC	Hash-Based Message Authentication Code
HPC	High Performance Computing
HRNN	Hierarchical Recurrent Neural Network
HSM	Hardware Security Module
HTML	HyperText Markup Language
HTTP	HyperText Transfer Protocol
HTTPS	Hyper Text Transfer Protocol Secure
HVM	Hardware Virtual Machine
IaaS	Infrastructure as a Service
IAM	Identity and Access Management
IDE	Integrated Development Environment
IdP	Identity Provider
IOPs	Input/Output Operations Per Second
IoT	Internet of Things
IP	Internet Protocol
IPsec	Internet Protocol Security
ISP	Internet Service Provider
ISV	Independent Software Vendor
IT	Information Technology
ITSM	IT Service Management
JSON	JavaScript Object Notation
KDS	Kinesis Data Stream
KMS	Key Management Service
MAC	Message Authentication Code
MAP	Migration Acceleration Program
MFA	Multi-Factor Authentication

MIME	Multipurpose Internet Mail Extensions
ML	Machine Learning
MSP	Managed Service Provider
MTA	Mail Transfer Agent
MWAA	Managed Workflows for Apache Airflow
NACL	Network Access Control List
NAT	Network Address Translation
NLP	Natural Language Processing
OCR	Optical Character Recognition
OLTP	Online Transaction Processing
OU	Organizational Unit
PaaS	Platform as a Service
PAT	Port Address Translation
PoC	Proof of Concept
QLDB	Quantum Ledger Database
RAM	Resource Access Manager
RDS	Relational Database Service
REST	Representational State Transfer
RTMP	Real Time Messaging Protocol
S3	Simple Storage Service
SaaS	Software as a Service
SAM	Serverless Application Model
SCP	Secure Copy Protocol
SCP	Service Control Policy
SCT	Scheme Conversion Tool
SDK	Software Development Kit
SES	Simple Email Service
SFTP	Secure File Transfer Protocol
SG	Security Group
SHA	Secure Hash Algorithm
SLA	Service Level Agreement
SMC	Service Management Connector
SMTP	Simple Mail Transfer Protocol
SNS	Simple Notification Service
SOAP	Simple Object Access Protocol
SOC2	Service Organization Control 2
SOW	Statement of Work
SPF	Sender Policy Framework
SPICE	Super-fast, Parallel, In-memory Calculation Engine
SQL	Structured Query Language
SQS	Simple Queue Service
SSE	Server-Side Encryption
SSH	Secure Shell
SSL	Secure Sockets Layer
SSO	Single Sign-On

SSP	Supply Side Platform
STS	Security Token Service
SWF	Simple Workflow Service
TCO	Total Cost of Ownership
TCP	Transmission Control Protocol
TLS	Transport Layer Security
TTS	Text-to-Speech
UDP	User Datagram Protocol
URL	Uniform Resource Locator
VERP	Variable Envelope Return Path
VGW (VPG)	Virtual Private Gateway
VM	Virtual Machine
VPC	Virtual Private Cloud
VPN	Virtual Private Network
VR	Virtual Reality
WAF	Web Application Firewall
WAM	WorkSpaces Application Manager
WAR	Well-Architected Review
WSDL	Web Services Description Language
XML	Extensible Markup Language