

Identity

Amazon Cognito	Add user sign-up and sign-in features and control access to your web and mobile applications. It scales to millions of users
AWS Security Token Service (STS)	Request temporary, limited-privilege credentials for AWS Identity and Access Management (IAM) users
Directory Services	Also known as AWS Managed Microsoft AD, it's a fully managed Microsoft Active Directory service
AWS IAM	Create and manage user identities in AWS, or connect your existing identity source, including Microsoft Active Directory, Okta, Ping Identity, JumpCloud, Google Workspace, and Azure Active Directory (Azure AD).

Billing

AWS Compute Optimizer	Avoid overprovisioning and underprovisioning EC2 instances, EBS volumes, ECS on Fargate, and Lambda functions
AWS Pricing Calculator	AWS Pricing Calculator lets you explore AWS services, and create an estimate for the cost of your use cases on AWS. Useful when you are migrating to the Cloud
AWS Billing Dashboard	Used to gain a general view of your AWS spending
AWS Billing Alarms	It will notify you by email when your AWS account charges for the month have exceeded a monetary amount you have set
AWS Budgets	You can set custom budgets to track your costs and usage, and respond quickly to alerts received from email or SNS notifications if you exceed your threshold.

Billing (cont)

AWS Cost Anomaly Detection	Service that uses advanced Machine Learning technologies to identify anomalous spend and root causes, so you can quickly take action
AWS Service Quotas	It helps you manage your quotas for many AWS services
AWS Trusted Advisor	It provides cost and security recommendations that help you follow AWS best practices

TODO: HABLAR DE Pricing Models, Savings Plan,
 TODO: AGREGAR LINK EN PRICING CALCULATOR: <https://calculator.aws>

Reliability Pillar - Design Principles

- Automatically recover from failure
- Test recovery procedures
- Scale horizontally to increase aggregate workload availability
- Stop guessing capacity
- Manage change through automation

<https://docs.aws.amazon.com/wellarchitected/latest/reliability-pillar/design-principles.html>

Performance Efficiency - Design Principles

- Democratize advanced technologies
- Go global in minutes
- Use serverless architectures
- Experiment more often
- Consider mechanical sympathy

<https://docs.aws.amazon.com/wellarchitected/latest/performance-efficiency-pillar/design-principles.html>

Cost Optimization Pillar - Design Principles

- Implement cloud financial management
- Adopt a consumption model
- Measure overall efficiency
- Stop spending money on undifferentiated heavy lifting
- Analyze and attribute expenditure

<https://docs.aws.amazon.com/wellarchitected/latest/cost-optimization-pillar/design-principles.html>



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Sustainability Pillar - Design Principles

Understand your impact

Establish sustainability goals

Maximize utilization

Anticipate and adopt new, more efficient hardware and software offerings

Use managed services

Reduce the downstream impact of your cloud workloads

<https://docs.aws.amazon.com/wellarchitected/latest/sustainability-pillar/design-principles-for-sustainability-in-the-cloud.html>



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