



**Core Principals**



























































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# Core Principals

- **Affordable** : Unlike traditional monolithic servers, such as EC2, Lambda only charges for the time the server is handling a request. By default, all AWS members have 1 million requests for free on Lambda.
- **Scalable** : Lambda functions scale easily horizontally by breaking up tasks into multiple functions. It is distributed in nature and allows for parallelization of tasks.
- **Reliable** : Load balancing is done automatically to distribute traffic and keep performance consistent. Lambda functions can span multiple regions and availability zones for increased fault tolerance.
- **Flexible**: Supports many different runtime environments including Node.js, Python, Java , Ruby on Rails, .NET, and Amazon Linux.