



AWS

Amazon Web Services is the largest and most widely adopted cloud provider in the world, used by everyone from the smallest of startups and hobbyists to well, the United States government and 90% of Fortune 500 companies.

Originally released to the public in July 2002, AWS (then called Amazon.com web services) started out as a service that allowed to incorporate information from Amazon.com into their own websites. The unexpectedly large positive response to the service from developers took Amazon by surprise and by fall 2003, ideas for expansion of Amazon.com web services into a platform for developers to rent database, storage and compute infrastructure had already been put in place.

These ideas would finally come into fruition starting from September 2006, with the release of **S3** and subsequently, **EC2** and **RDS**. The first generation of AWS Cloud Computing offerings. (All mentioned services will be discussed in detail in future sections)

It has since then grown into a behemoth of a platform with over 200 services (most of which are fully-featured and have built quite comprehensive ecosystems in and of themselves) and a massive global geographical presence, with infrastructure in all the seven continents serving 245 countries and territories. The dominance that AWS has over the cloud computing industry will be further explored in the next section.

AWS is also obviously the primary subject of this book and honestly, diving into the ecosystem can be a psychologically daunting task, especially for those not from an IT or computing background. But it is precisely in order to make that task seem less daunting that this book has been written.