

GLOBAL INFRASTRUCTURE OF AMAZON WEB SERVICES



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FOREWORD

This booklet is intended to be a short and simple summary of Amazon Web Services. I hope it will truly assist someone who yearns to learn about AWS. For further awareness read the books I used in the reference section. I've tried to use the original author's (in most cases Amazon Inc) words as much as possible to avoid mis interpretation.

I have written many technology related summaries since I wrote my first one about MSDOS (Microsoft Disk Operating System).The days when COBOL (Computer Business Oriented Programming Language) and Fortran (Formula Translation) were the main languages to learn. These Languages are not common today but still run business software's for Fortune 500 companies despite them being over 80 years old. The summaries never made it online because internet technology was different back then. Through that whole time there is a book that advices me to Love God and not to kill or steal or be immoral among other instructions that has remained relevant. As technology went obsolete or was updated this instructions remain true and unchanged.

In a few years new technologies come up and the old is upgraded or outdated, but if you knew the old you probably can understand the new better. Just as if you can understand Jesus in the Old Testament prophesies, then you probably understand him better in the New Testament. Otherwise one day one is called intelligent then if they fail to continue learning they fail to know about the new. Example of technology changing/evolving would be IPV4 to IPV6. LANS, VLANS, VPN, VPC. Microsoft NetBIOS/NetBEUI, TCP, NAT and AWS Route53. B, C, C++, Java programming languages. Major Certifications from Amazon, Oracle, Microsoft, Cisco, Linux, Google, Other are upgraded every four years on average. Now (today) we have Web 2.0 heading to Web 3.0 making possible not just to share easily but also to run our applications online from the cloud. Facebook (developed with PHP) is another good example of a software cloud run corporation. Others like Bitrix24, Salesforce, Zoho, Weebly,...are common to many.

AWS cloud combines these technologies as Developers will run applications from the cloud, network administrators will configure the Virtual Private Clouds, Relational Database Administrators will CRUD (Create, Read, Update, Delete) in the cloud, Hardware engineers will maintain the servers, Sales managers will move products from the cloud, Web developers will have stronger development tools that allow customer feedback tracking and reporting, Software run from cloud curbs piracy and introduces a new level of security encryption, CEOs get up-to-date company information from all there international branches at their finger tips for decision making, and many other examples.