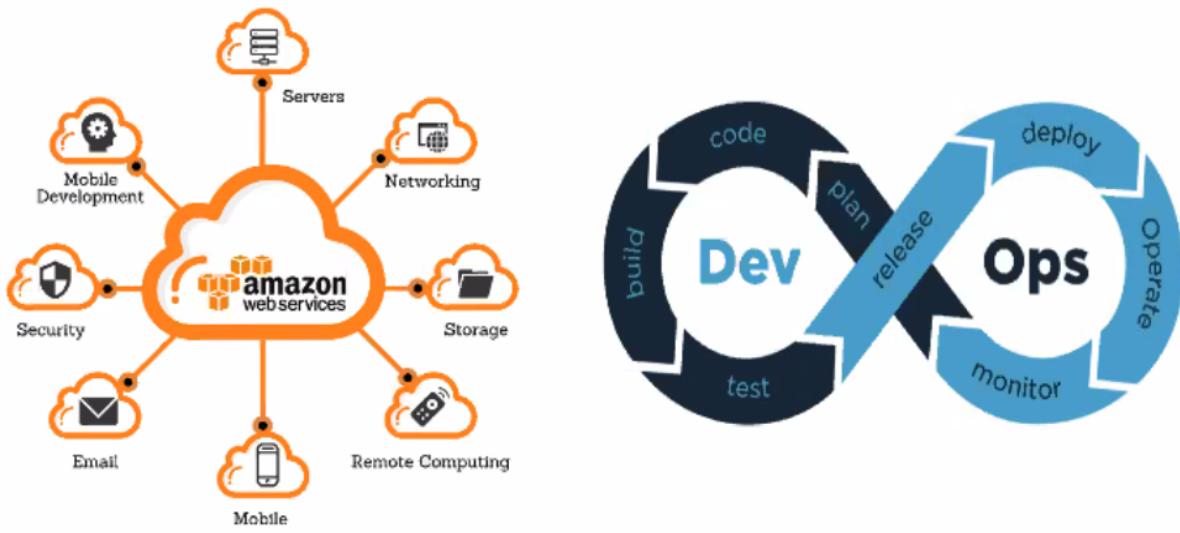
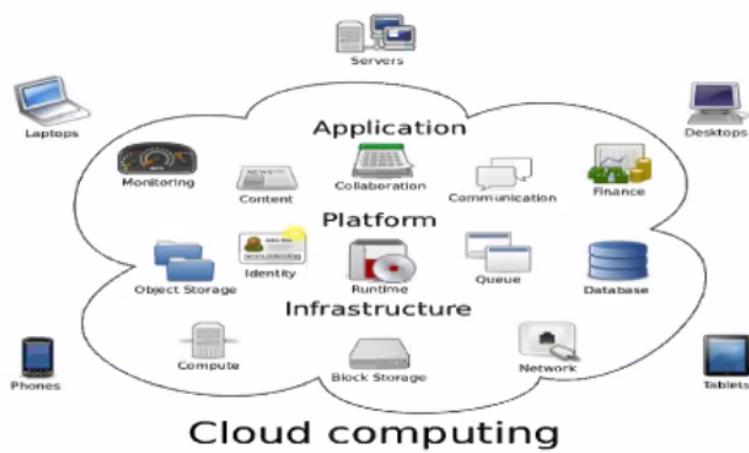


DevOps Info

AWS / DEVOPS



What is Cloud Computing?



Cloud computing is the on-demand delivery of IT resources over the Internet with pay-as-you-go pricing.

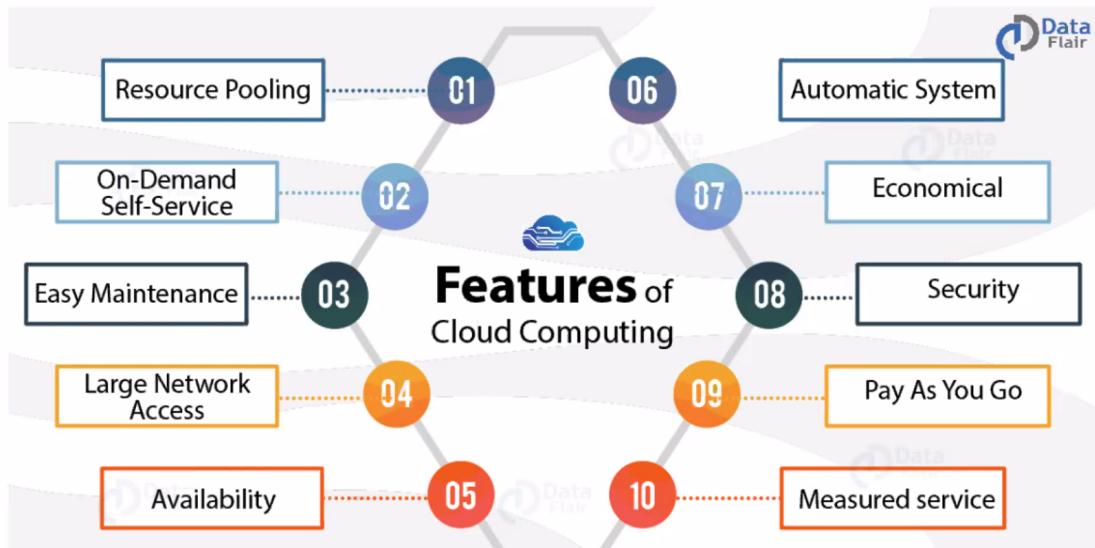
★ Favorites
Add favorites by clicking on the star next to the service name.

Recently visited
EC2

All services

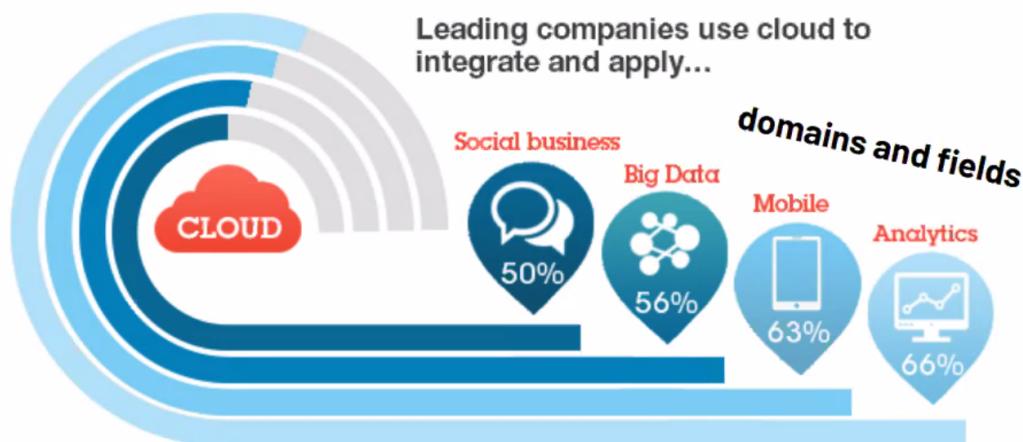
- RDS
- DynamoDB
- ElastiCache
- Neptune
- Amazon QLDB
- Amazon DocumentDB
- Amazon Keyspaces
- Amazon Timestream
- Migration & Transfer**
- AWS Migration Hub
- AWS Application Migration...
- Application Discovery Ser...
- Database Migration Service
- Server Migration Service
- AWS Transfer Family
- AWS Snow Family
- DataSync
- CloudFormation
- CloudTrail
- Config
- OpsWorks
- Service Catalog
- Systems Manager
- AWS AppConfig
- Trusted Advisor
- Control Tower
- AWS License Manager
- AWS Well-Architected Tool**
- Personal Health Dashb...
- AWS Chatbot
- Launch Wizard
- AWS Compute Optimizer
- Resource Groups & Tag E...
- Amazon Grafana
- Amazon Prometheus
- AWS Panorama
- Amazon Monitron
- Amazon HealthLake
- Amazon Lookout for Vision
- Amazon Lookout for Equi...
- Amazon Lookout for Metr...
- Analytics**
- Athena
- Amazon Redshift
- EMR
- CloudSearch
- Elasticsearch Service
- Kinesis
- QuickSight
- Data Pipeline
- AWS Data Exchange
- AWS Glue
- AWS Lake Formation
- AWS Cost Management**
- AWS Cost Explorer
- AWS Budgets
- AWS Marketplace Subscri...
- Business Applications**
- Amazon Connect
- Amazon Pinpoint
- Amazon Honeycode
- Amazon Chime
- Amazon Simple Email Ser...
- Amazon WorkDocs
- Amazon WorkMail
- Alexa for Business
- End User Computing**
- WorkSpaces
- AppStream 2.0

Why Cloud?



Why Cloud?

What's at the center of your transformation toolset?



Source: "Under cloud cover: How leaders are accelerating competitive differentiation," an IBM Center for Applied Insights global study involving 802 cloud decision makers and users ibm.com/bmca/globalcloudstudy

migration to the cloud

Why Cloud?



The infographic is titled "The Skills Companies Need Most in 2020" and is presented by LinkedIn Learning. It features two main sections: "Top 5 Soft Skills" and "Top 10 Hard Skills".

Top 5 Soft Skills:

- 1 Creativity
- 2 Persuasion
- 3 Collaboration
- 4 Adaptability
- 5 Emotional intelligence

Top 10 Hard Skills:

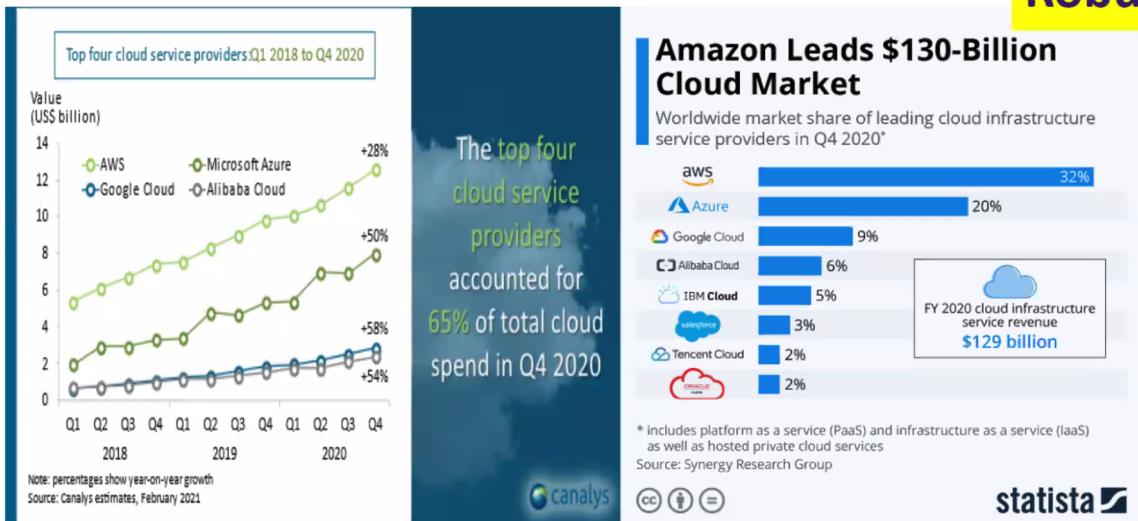
- 1 Blockchain
- 2 Cloud computing
- 3 Analytical reasoning
- 4 Artificial intelligence
- 5 UX design
- 6 Business analysis
- 7 Affiliate marketing
- 8 Sales
- 9 Scientific computing
- 10 Video production

A red arrow points to the "Cloud computing" entry in the Top 10 Hard Skills list.



Why AWS?

Robust



Which Services Will I Learn?



Cloudformation



ASG



Route53



ELB



VPC



S3



EC2



Lambda



IAM



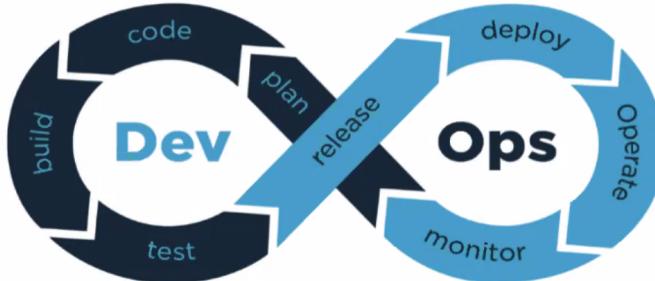
RDS

CLARUSWAY®

What is Devops?

DevOps is a set of concepts and practices involving both **operations** and **development** engineers, together throughout the entire life cycle of software.

design stage → the development stage → the production support

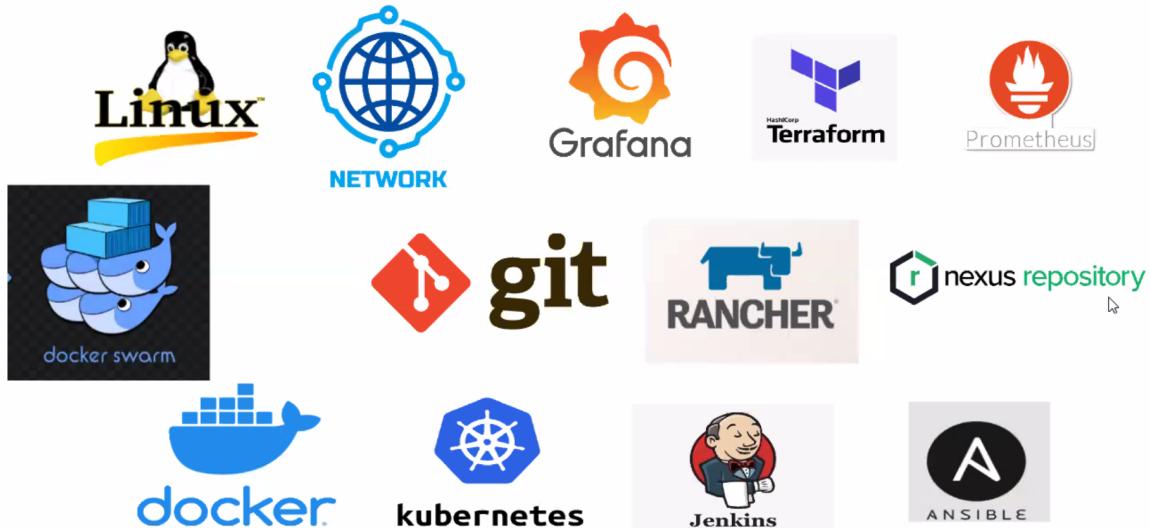


ARUSWAY©

Blending of 2 disciplines



DevOps: What will I learn?



CLARISSWAY©

Which Path?

- ▶ Consider 2 important factor
 - ▶ If possible love the job you will do
 - ▶ Job security and abundance of job positions

Job Security: the fact of your job being **permanent**, so that you will probably **not lose** it.



Which Path?

- ▶ DevOps Engineer
 - ▶ You will work like an architect
 - ▶ You should have systemic thinking capability
 - ▶ Sometimes big picture, sometimes dig into details, bits and bytes.
 - ▶ A character of never gives up, hard working, tolerance to pressure and stress.
 - ▶ Days and nights, prepare to be flexible



Which Path?

- ▶ Not every company has a DevOps Team
 - ▶ Big companies have DevOps Team and you can start as junior in that team
 - ▶ Startups & SMEs prefer DevOps Engineers with IT background, several years of experience
- ▶ US, somehow EU, market has lots of Cloud&DevOps positions
- ▶ Remote working options are available

DevOps Engineer Salaries -U.S.



<https://www.builtinnyc.com/salaries/dev-engineer/devops-engineer/new-york>

DevOps Engineer Salaries -UK and Germany



<https://www.cwjobs.co.uk/>

<https://de.indeed.com/>

Wie viel verdient man als DevOps Engineer (m/w/d) in Germany?



▶ AWS - Devops Path Titles

- ▶ Cloud Solutions Consultant
- ▶ Cloud Architect
- ▶ Solution Architect
- ▶ SysOps Administrator
- ▶ Cloud Developer
- ▶ Cloud DevOps Engineer
- ▶ DevOps Engineer
- ▶ Platform Engineer
- ▶ Build Engineer
- ▶ Site Reliability Engineer
- ▶ Release Manager



AWS - Devops Path Titles

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- ▶ Platform Engineer
- ▶ Build Engineer
- ▶ Site Reliability Engineer
- ▶ Release Manager



@Joe Blue @Tomy T

A DevOps engineer introduces processes, tools, and methodologies to balance needs throughout the software development life cycle, from coding and deployment, to maintenance and updates.

Development teams and IT operations teams can have different skills and different goals. Developers want to introduce new features to an application, while operations teams want to preserve the stability of an application once it is released.

DevOps is all about the unification and automation of processes, and DevOps engineers are instrumental in combining code, application maintenance, and application management.

DevOps engineers need to know how to use and understand the roles of the following types of tools:

- Version control
- Continuous Integration servers
- Configuration management
- Deployment automation

- Containers
- Infrastructure Orchestration
- Monitoring and analytics
- Testing and Cloud Quality tools
- Network protocols