

MULTI-CLOUD STRATEGY

- Tech Bytes Volume 4



MULTI-CLOUD IS ABOUT BUILD ONCE AND DEPLOY ON ANY ENVIRONMENT

STRATEGY 1

DESIGN FOR CONTAINERIZATION

Leverage Microservices and Container based development



STRATEGY 2

Be Cloud Agnostic

Evaluate trade-offs for vendor lock-in.

Compatibility of services across cloud vendors or similar open source alternatives does not always imply portability.

STRATEGY 3

DEMARCAT DEPENDENT BOUNDARIES WITH WELL DEFINED APIS

Design for Change through Well Defined APIs for dependent cloud services and third party services

WATCH YOUTUBE VIDEO FOR DETAILS - [HTTPS://WWW.YOUTUBE.COM/WATCH?V=4PWCMV8VKTO](https://www.youtube.com/watch?v=4PWCMV8VKTO)

STRATEGY 4

Design and build a robust data lifecycle strategy

Clearly segregate PII and No-PII Data

Design of data anonymization from day one.

Flexible data deployment strategy (i.e based on governance, sovereignty, partition, workloads etc)

STRATEGY 5

STANDARDISE ON DEVOPS TOOLS

Design and build cloud-provider agnostic automated CI/CD pipeline (like Jenkins) and infrastructure (i.e use of services like prometheus)

JENKINS

PROMETHEUS

GITOPS

NOW COMPARE OVER 100+ CLOUD SERVICES ACROSS GCP, AWS and AZURE

<https://cloudsolutions.academy/cloud-compare/>

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LinkedIn - <https://www.linkedin.com/in/naveenbalani/>, Youtube - <https://www.youtube.com/c/CloudSolutionsAcademy> Volume 4