

Cloud Migration: Ignite

description

Old infrastructures and technologies can become black holes for investment, yielding inefficient results and leading to serious operational workloads. Such a setup can be a recipe for disaster, bringing up challenging problems including rising costs and ineffective operations. Here, migration to cloud can be a sensible solution for modernization.

Cloud migration is a long journey, which requires special competency requirements and support services that guide you throughout this multistage process. To make the right switch to cloud, you need to make the right start. All aspects of stability, scalability, and financial predictability are addressed as a result of a correct migration to cloud solutions.

The cloud migration service by adesso is offered in three stages, the choice of which is determined with the client:

Cloud Migration Stage I: Assessment & Discovery

To kickstart your cloud migration journey, adesso consultants will work with you to determine your systems' cloud readiness and identify optimization points. A comprehensive assessment and discovery will highlight your migration landscape, inventory, dependencies, pitfalls, safety, and compatibilities.

Cloud Migration Stage II: Planning

The planning stage will help us determine your cloud

adoption lifecycle, forming a picture of what to migrate, how to migrate, and when to migrate. Working through different migration scenarios, we will choose your cloud provider and indicate the best way to move forward with a final architecture plan, using 6R (Rehost, Replatform, Repurchase, Refactor, Retire, and Retain) strategy documentations and best practices.

Cloud Migration Stage III: Pilot Execution

In the final stage, we will outline, execute your first pilot migration, and set up a landing environment with governing principles.

Service Metrics

Effort	: Stage I	: 5-15 Person/Day
	: Stage II	: 5-10 Person/Day
	: Stages I-II-III	: 20-30 Person/Day
Duration	: Stage I	: 1-3 Weeks
	: Stage II	: 1-2 Weeks
	: Stages I-II-III	: 2-4 Weeks

Team structure : 1 Cloud Engineer | 1 Cloud Data Engineer

Tooling



Azure Migrate



CAST



CloudPilot



vFunction

motivations

- ▶ DC exit (data center decommissioning)
- ▶ Mergers, acquisitions, or divestitures
- ▶ Cost savings
- ▶ Need for scaling to meet market demands

prerequisites

- ▶ Full access to the client's IT landscape
- ▶ Setting up a virtual machine for the discovery process

recommended adesso services

- ▶ Cloud Migration: Workshop
- ▶ Cloud Migration: Scale Up

references

- ▶ Philip Morris International
- ▶ PepsiCo
- ▶ Eti

deliverables

Stage I:

A solution assessment report including;

- ▶ IT landscape analysis
- ▶ IT inventory and usage discovery
- ▶ Dependency discovery
- ▶ Evaluate cloud compatibility and readiness
- ▶ TCO analysis

Stage II:

- ▶ Selection of a cloud service provider
- ▶ A final architecture plan
- ▶ 6R strategy documentation
- ▶ Toolset for new services and improvements
- ▶ Migration phase planning and defining milestones
- ▶ Estimated time and cost for the migration

Stage III:

- ▶ Implementing architecture design
- ▶ Set up a landing environment with governing principles (security, monitoring, policies, etc.)
- ▶ Executing a POC migration for a pilot workload

contacts



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