Cloud Foundation from Swisscom

Lay a secure foundation for your cloud

Create a solid footing

Cloud platforms are handling ever-increasing workloads, resulting in more complexity and risk. This makes it even more important that stakeholders in internal business processes comply with central IT requirements while retaining the benefits of cloud solutions, such as scaling and fast time-to-market. Swisscom's Cloud Foundation helps customers to successfully master the balancing act between specifications and the flexibility made possible by cloud solutions.
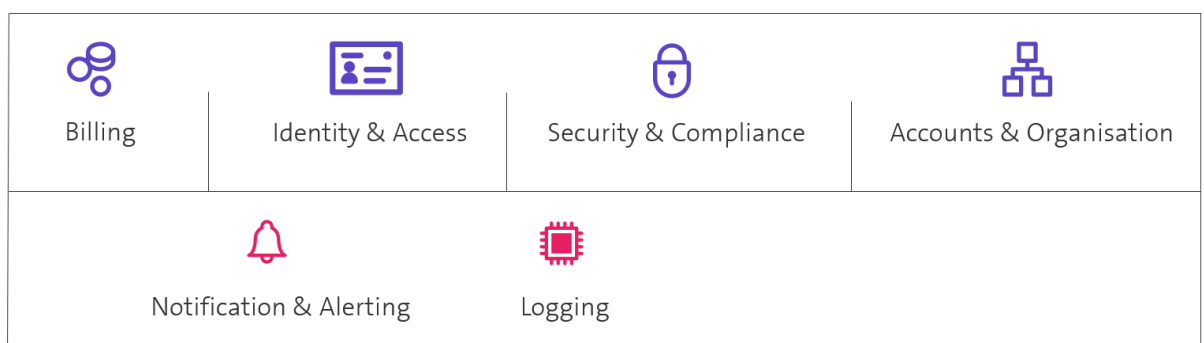
What is the Cloud Foundation from Swisscom?
We have developed best practices based on our knowledge and experience. These enable modern companies to make comprehensive use of the cloud without having to take unnecessary risks.

This is also our approach for the Cloud Foundation; it is implemented by our experienced cloud architects in two phases. The first phase entails tailoring the Foundation to individual customer requirements. In the second phase, we support customers with the implementation.

How you can benefit from Cloud Foundation

- **Communicating knowledge:** We show our customers how we address challenges with our best practices.

- **Consulting:** We help our customers to define their Cloud Foundation.

- **Implementation:** We support our customers during the specific implementation of the defined measures – either as architects or engineers.

- **Ongoing optimisation and operation:** Swisscom operates all or part of this Foundation for customers as desired. This allows customers to continuously benefit from our ongoing developments.

The elements of the Cloud Foundation

Billing	Identity & Access	Security & Compliance	Accounts & Organisation
Notification & Alerting	Logging		

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Facts & figures

Basic services

Support with setting up and implementing a secure Cloud Foundation.

Provision of a standard Cloud Foundation consisting of:
- AWS Organizations
- Consolidated billing
- Multi AWS account service
- Compliance with AWS Config and AWS CloudTrail
- Identity and access management (IAM Roles, IAM Users)
- Threat detection with Amazon GuardDuty
- Basic alerting (root user login, billing)
- Notification system over the entire AWS organisation

Optional services

The Standard Cloud Foundation can be supplemented with additional components according to customer requirements:

Advanced billing
- Payment by invoice
- Integration into 3rd party tools
- Cost optimisation

Extended identity & access management
- Federated IDP
- AWS Single Sign-On
- Privileged access on demand

Extended security
- Integration into 3rd party tools
- Security hub
- Secrets handling infrastructure
- Data encryption

Extended connectivity
- VPC design concept
- Cross account connectivity
- VPN site-to-site/VPN customer-to-site
- Direct connect
- Connectivity landing zone

Extended accounts & Organizations
- Account Vending Machine
- SCP

Swisscom assumes operation of all or part of the Cloud Foundation.
This allows you to benefit continuously from the latest know-how, which ensures the continuous further development of the Cloud Foundation.