



# How do you manage & secure your AWS infrastructure?

With the large number of design options, setting up a multi-account environment can take a significant amount of time, involve the configuration of multiple accounts and services, and require a deep understanding of AWS services.

## Trusted Landing Zone Design

It provides a baseline for centralized multi-account architecture, identity and access management, governance, data security, network design, and logging. The basic landing zone configuration includes the following:

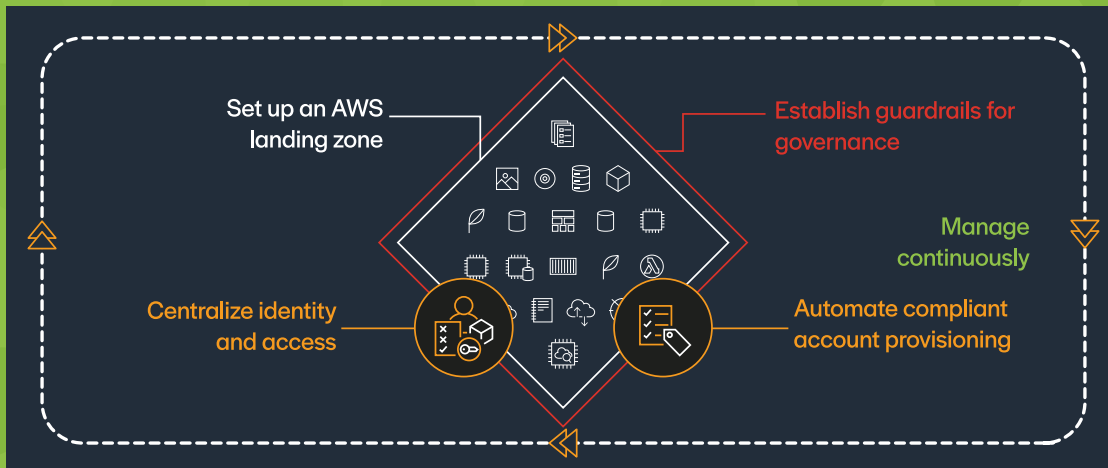
- speeds-up standardized account provisioning
- defines initial security baseline
- creates core accounts and resources
- deploys single CloudTrail to centrally managed logs
- centralizes AWS config rules to monitor infrastructure
- provides security notifications from GuardDuty

## Why Trustsoft?

- 50+ landing zones delivered
- experienced in industry compliance standards (ISO, HIPAA, PCI)
- proven Guardrail security baseline
- saved 25000+ admin support hours
- AWS Advanced Partner Tier
- 13+ years hands-on experience
- 150+ cloud experts
- 100+ certifications



Service Area	Detail	Starter	SMB	Custom & Compliance
Assessment	-	General	All from Starter + Detailed	All from SMB + Business reqs. (Network, Compliance, etc.)
Blueprints	-	Starter	SMB	Custom & Compliance
Organization structure	Managing, Audit and Logging account	✓	✓	✓
	Shared services account		✓	Fully customizable organization structure (OUs accounts)
	Starter account	1	As many as needed	
	Stage account			
	Production account	1		
Configuration of security guardrails	-	Trustsoft standard (best practices)	All from Starter + Customizations based on customer needs	All from SMB + Custom rules implementation
Single sign on	Deployment AWS SSO	✓	✓	✓
	User access configuration	Manual	Azure AD integration	Custom IdP integration
Infrastructure deployment pipeline	Repository	Trustsoft managed GitLab	Integration of customer GitLab / GitHub	Customer preferred DevOps repository
Reporting & Billing	Consolidated billing	✓	✓	✓
	Enforced tagging policy	✓	✓	✓
	Reporting	Basic	Detailed (cost explorer/ cost usage reports / cost allocation tags)	Dynamic QuickSight dashboards
Monitoring	-	CloudWatch logs aggregation enabled	CloudWatch logs aggregation enabled	Custom lambda (monitoring, alerting, audit)
Centralized security management	-	Centralized logging & Security notification (CloudTrail, CloudWatch, AWS config rule events)	All from Starter + Security Hub & IAM access analyzer	All from SMB + AWS GuardDuty & AWS Inspector
Compliance management	Customer environment compliance standard			✓
	Monitoring & compliance policies management			✓
	Compliance visualisation dashboard			✓
Documentation	-	✓	✓	✓



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Cloud Operations Partner



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# Ringier - Well Architected Review and landing zone building



Ringier AG is an innovative, digitalised and diversified Swiss media company operating in Europe and Africa. Its portfolio includes around 140 companies in the print, sports media, digital media, radio, ticketing, entertainment and e-commerce sectors and leading online marketplaces for cars, property and jobs. To run this huge online empire they had on-prem facilities and multiple AWS accounts partially automated by cloud formation. To move more data online they wanted to review the stability and security of the infrastructure and they asked Trustsoft to help.

## The Task

Ringier, was looking for a partner to assist with migration of their infrastructure from on-premises to AWS. Primary business driver was the need to move to managed databases and to find a cloud provider that would provide a wide selection of managed services.

## What we did

To make sure that the AWS accounts were set up properly and the infrastructure is stable and well secured we conducted the AWS WAFR (Well Architected Review).

We ran a comprehensive assessment of Ringier's existing infrastructure to evaluate its alignment with AWS best practices. The review focused on five key pillars: operational excellence, security, reliability, performance efficiency, and cost optimization. Each aspect of Ringier's setup was thoroughly examined to identify gaps and recommend improvements.

We provided the client with a clear roadmap to enhance their infrastructure's alignment with AWS best practices, listed 11 high risk issues, 3 medium and 1 low, and offered a solution that would lead to improved performance, security, reliability, and cost efficiency.

## MAP Assessment phase

During the Assessment phase, we conducted a thorough evaluation of Ringier's current infrastructure to determine its readiness for migration to AWS. This phase included activities such as source discovery, database and Windows workload assessments, migration and modernization pattern analysis, multi-year cost projection (TCO), and a migration readiness assessment.

We identified the assets to be migrated, evaluated their current performance and compliance requirements, and mapped out potential migration strategies.

We also provided the client with workshop and training sessions to ensure Ringier's team was well-prepared for the migration process. The phase concluded with a comprehensive report documenting the findings and providing detailed recommendations for the migration.

## MAP Mobilize phase

During the Mobilize phase, the focus was on creating the foundational structure and capabilities needed for the migration to AWS. This involved setting up the initial landing zone and defining IAM users and roles as infrastructure as code (IaC), developing a detailed migration plan, and preparing the necessary tools and processes. The phase concluded with a validated migration plan and the necessary infrastructure in place, ensuring a smooth transition to the cloud.

### Before

- RELIANCE ON SELF-MANAGED DATABASES WITH POTENTIAL PERFORMANCE AND MAINTENANCE CHALLENGES
- HIGHER COSTS DUE TO HARDWARE MAINTENANCE
- BASIC OR INADEQUATE DISASTER RECOVERY
- VARIABLE PERFORMANCE WITH POTENTIAL DOWNTIME ISSUES AFFECTING BUSINESS OPERATIONS
- UTILIZATION OF LEGACY SYSTEMS WITH OUTDATED TECHNOLOGIES
- LANDING ZONE MISSING

### Now

- PREPARED FOR MIGRATION TO SCALABLE AND SECURE AWS CLOUD
- TRANSITIONED TO MANAGED DATABASE SERVICES
- OPTIMIZED COSTS WITH A SHIFT TO A PAY-AS-YOU-GO MODEL
- IMPLEMENTED DISASTER RECOVERY
- UPGRADED SECURITY PROTOCOLS TO AWS STANDARDS
- IMPROVED PERFORMANCE AND UPTIME WITH AWS'S RELIABLE INFRASTRUCTURE
- MODERNIZED TECHNOLOGY STACK WITH CLOUD-NATIVE SERVICES
- BUILT LANDING ZONE

## Reference:

*"The cooperation with Trustsoft met our expectations. Their deep cloud technological and business knowledge helped us improve our security and DevOps standards. We found in them a reliable cloud migration partner for our current and future needs."*

**Cédric Scherwey - Leiter IT Infrastructure & Application Services**