EVERTRUST

Use case

Move to Cloud

Discover how to take your organization to the next level with cloud migration! Nowadays in the competitive business world, the adoption of cloud technologies has become essential to drive agility and stay competitive.

Explore in depth all aspects of cloud migration, from its advantages and challenges to the necessary and tailored strategies and tools that EVERTRUST has to ensure your company's success.

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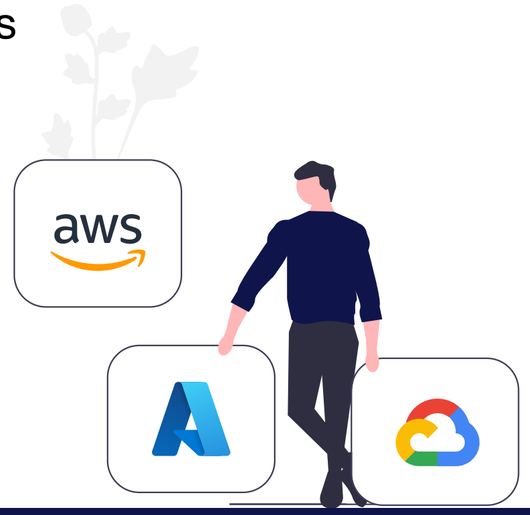
Today, moving to the cloud is vital for organizations looking to upgrade their systems, drive agility and remain competitive. This article covers all aspects of cloud migration, from its advantages and challenges to the strategies and tools needed for success.

Explore the steps you need to take and learn about the **"EVERTRUST 6 R's model"** that stands out as a strategic framework for achieving a smooth migration that is appropriate to each company's specific constraints and objectives.

Discover how to make this possible with **EVERTRUST's** solutions (Stream and Horizon) which, whether on-premise or cloud-based, provide numerous benefits such as scalability, accessibility and potential cost savings.

Our focus on digital trust and certificate management ensures operational efficiency and compliance and makes us the only provider capable of delivering end-to-end solutions, guaranteeing organizations reliability and peace of mind towards us.

Whether you are an IT professional or a business leader, this guide offers strategic insight with practical ideas for making the transition to the cloud smoothly and provides valuable perspective to understanding the approaches.



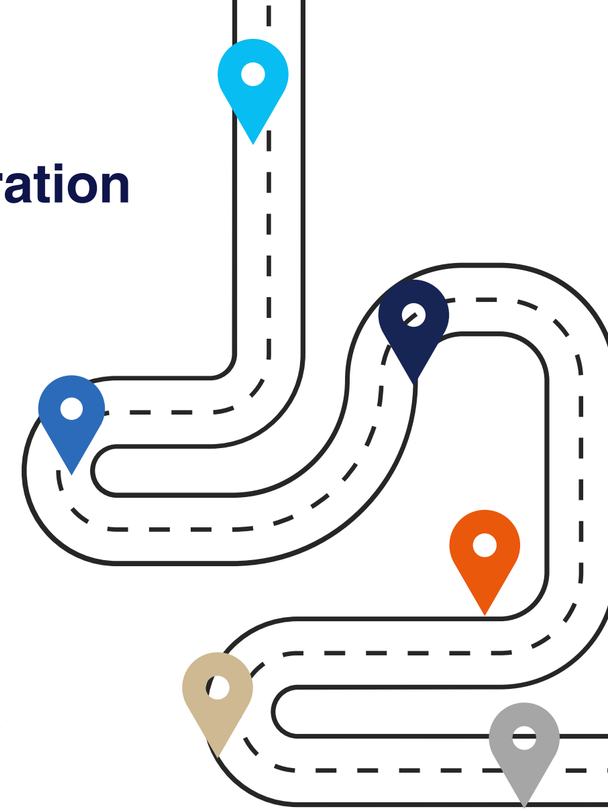
But first: What is Cloud Migration?

Cloud migration shifts an organization's digital assets to a cloud-based setup, including services, databases, and applications. It's crucial for updating infrastructure, boosting efficiency and meeting market demands (seek agility and cost-effectiveness).

A thorough strategy involves planning data transition, understanding the current setup, determining reasons for migration, and addressing security. The process has three stages: defining strategy, assessing infrastructure, and executing migration. This includes modernizing existing apps, developing new ones, and transforming architecture.

Different migration methods like re-hosting, re-platforming, and re-factoring cater to varied business needs. Choosing the right approach helps optimize operations and foster innovation with cloud technology.

Meet the Stages of cloud migration



Analysis

- Understand your current situation and goals.
- Assess the current environment and determine cloud requirements.

Planning

- Choose a suitable strategy and plan the migration process.
- Choose a cloud environment (public, private, hybrid, or multi-cloud).

Migration

- Can be partial or comprehensive and may involve shifting between different cloud platforms (cloud-to-cloud migration)
- Migrate apps and data effectively.

Operation

- Ensure security.
- Implement monitoring solutions.
- Maintain your cloud environment.

Optimization

- Adjust to maximize benefits and minimize costs.

Validation

- Validate the migration to ensure everything functions as expected without interruptions to normal workflow.

Benefits of Migrating to the Cloud

Cloud migration offers a number of benefits, including greater agility and performance, faster innovation, improved resource management, enhanced digital experiences by providing flexible access, improved customer service, cost reduction and immediate business impact.

It simplifies IT operations and provides scalability through efficient models and workload optimization, as well as integrated security features.

Principal challenges that can hinder migration success

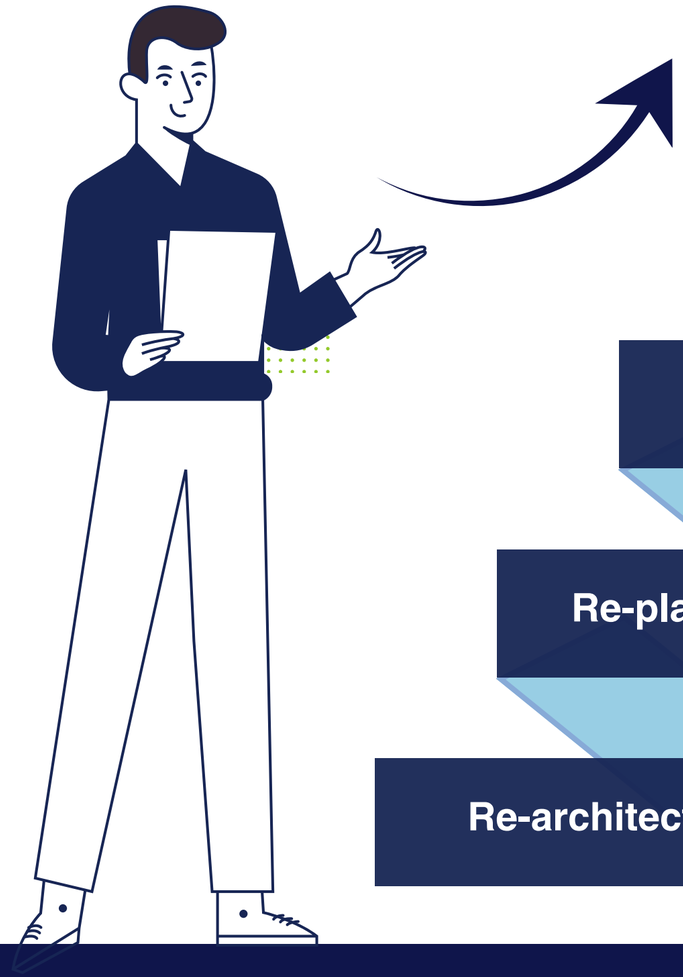
- Managing legacy applications
- Optimizing cloud performance
- Complexity
- Vendor dependencies and stakeholder acceptance.

Analysis before selecting a migration strategy

Before migrating to the cloud, carefully assess your needs and capabilities, whether managed in-house or with external help, thorough planning is crucial considering:

- DIY or outsourcing
- Assessing the IT environment
- Mapping business processes
- Analyzing user needs
- Researching solutions
- Determining necessary changes choosing cloud services
- Performing a risk analysis
- Estimating costs
- Addressing legal constraints.

The "6 Rs" strategy of cloud migration with EVERTRUST



Retire

Consider retiring applications or services that are no longer valuable to customers. Removing unused elements from the environment enhances efficiency, declutters infrastructure, and improves overall performance and resource allocation. But retiring your PKI platform might not be an option.

Retain

If the migration is not feasible or necessary, it is advisable to maintain the current environment and reconsider the migration in the future. With EverTrust, you can maintain your current horizon and on-premises infrastructure with the ability to consider migrating to the cloud in the future without affecting the main resource.

Re-host

Involves transferring your existing environment to the cloud without significant reconfiguration, creating a user-friendly environment for beginners. EverTrust enables this by providing the capability to transition your on-premise platform to the cloud seamlessly, without altering its structure or media. Additionally, it efficiently manages certificate assets, regardless of their location.

Re-purchase

Transitioning from self-managed services to cloud-based solutions involves either abandoning current applications or shifting licenses to cloud-based servers. EverTrust facilitates this transition seamlessly by enabling migration to our comprehensive SaaS solutions, ensuring a smooth process without any hassles.

Re-platforming

Enhances application performance for the cloud, refining applications and assets, leveraging cloud databases.
EverTrust empowers you to transition your platform seamlessly from on-premises to the cloud without altering your current structure. Additionally, it facilitates certificate asset management across both local and cloud versions.

Re-architect

Involves redesigning and rebuilding existing applications from scratch to better fit the cloud environment, with EverTrust, you can easily migrate from your existing PKI infrastructure to our SaaS solution or your own cloud platform.

Move to Cloud: Move to the cloud with flexibility, confidence and certainty with EVERTRUST

EVERTRUST

GET RID OF CERTIFICATE OUTAGES AND REDUCE PKI OPERATING COST WITH EVERTRUST

WE CREATE...

- Operational, secure and high-performance solutions that articulate IT security and control the lifecycle of electronic certificates.
- Integrated in a non-intrusive, simple and effective way into our customers' existing ecosystems.
- Designed to meet the needs of trusted service delivery, automation and continuity.

Stream

- Hold your own Keys without Captivity
- Issuance and revocation of certificates
- Issuance of CRLs, OCSP responses and timestamping
- eIDAS ready and compliant
- Designed to be deployed on premises or in the cloud

Horizon

- Streamlined integration within the information system
- Process certificate lifecycle requests using comprehensive workflows and machine identity management tools
- Take care of the issuance, renewal, and revocation of certificates hosted on:
  - Servers, mobiles and workstations
  - Appliances and IoT
  - On premises or in the Cloud

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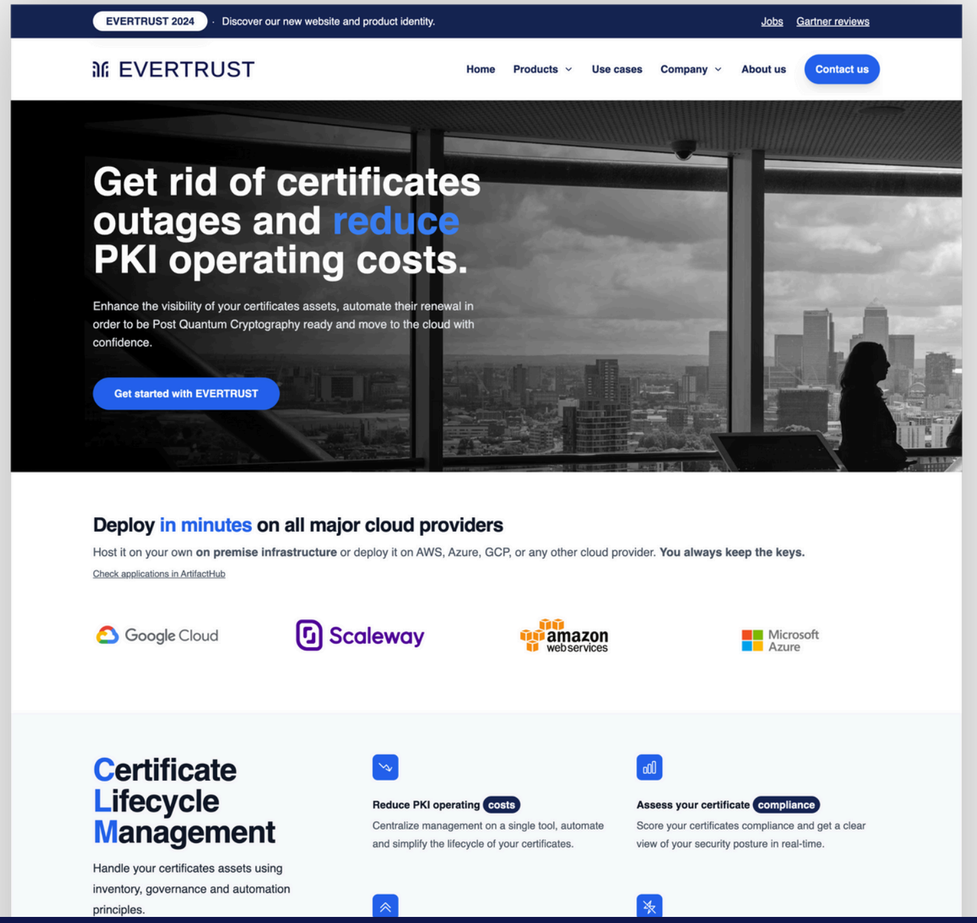
Conclusion

EVERTRUST specializing in digital trust and certificate management, offers tailored solutions for companies transitioning to the cloud. We focus on data protection, compliance and operational efficiency to ensure a smooth migration. By effectively managing digital certificates, we avoid service disruptions and enhance security, providing peace of mind during the move to the cloud.

Visit our website

Evertrust.io



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