

Continuous Security and Compliance in the Cloud

Enabling Greater Resilience in the Cloud

Security is considered as one of the most important hurdles by many organizations when executing their plans to transform IT and move to the cloud. As data, systems and services move to the cloud, organizations expose themselves to severe challenges in security, governance and compliance. Not only does cloud computing change the way users interact with data and applications, it also changes the way IT and business operate. The shift from a traditional operating model to a cloud operating model will have impact on people, process and technology.

Creating the Right Mindset

With the arrival of cloud, your organization will need to adopt a new mindset in order to manage the risks that the cloud entails in an effective and efficient manner. At Cloud-Nation, we believe that creating awareness in the organization is an important first step towards building and maintaining secure cloud environments. This belief is entangled in every step of our way of working and is part of our premise: **enable, empower** and **deliver** through guidance and knowledge exchange.

Where do we begin? What do we need to comply with? How do we stay compliant? How do we stay in control of our data? These are questions we often hear. We believe that every cloud journey should start with an assessment to define a cloud security-first strategy. Only then you will get a clear overview of the security-related bumps in the road on your journey to the cloud. At the same time, this assessment will raise awareness of cloud security related matters amongst key stakeholders and make the level of know-how visible.

A clear cloud security-first strategy is critical for managing the complexity and risks introduced by the cloud. Additionally, it facilitates the road to governance and compliance with applicable industry/regional regulations and corporate security policies. Once a strategy has been defined and agreed with the stakeholders, it becomes evident what measures need to be taken before data, applications and services can be moved to the cloud. These measures will create a mechanism for the governance of your cloud environments and put you (back) in control of your data.

Security is Job Zero

Passion for cloud computing is part of our DNA. This is visible in everything we do. We believe that the cloud will deliver strong business value over time, however the road towards it can be bumpy. Security in the cloud is often perceived as complex as many are not aware of who is responsible for what. Besides this, cloud transformation is not only related to a change in technology, but it also has an impact on people and processes. The CloudNation approach smoothens these bumps by taking all aspects into account and making sure security becomes 'job zero' for your organization.

Security is a shared responsibility. You have your own responsibility in configuring security in the cloud. Our approach recognizes this and aims at putting you in control of your own cloud security by providing the right understanding, tools, support and training. Every step of our solution is built around cloud security. We have integrated best practices and industry standards to provide a secure baseline and avert non-compliance from the start.

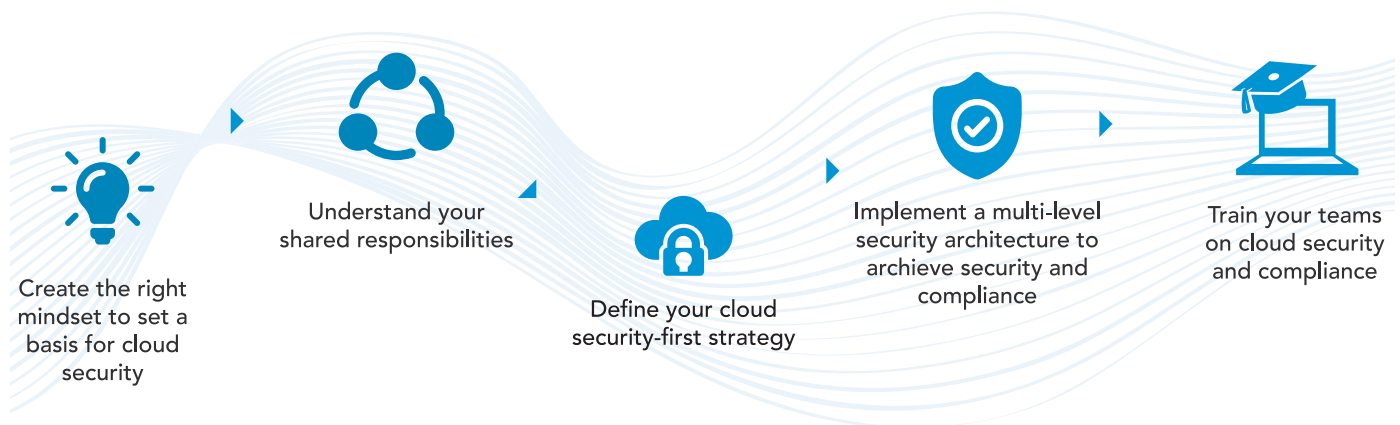
With security as 'job zero', compliance follows automatically as you achieve it as result of good security controls. Being compliant, however, does not automatically mean you are secure. The transition to the cloud requires changes in both people and processes. Our advanced approach helps you to put the appropriate processes and controls in place to ensure **continuous security and compliance**.

The Cloud Security Journey

When it comes to cloud security, every customer journey is different. There is no one-size-fits-all solution to security and compliance in the cloud. We believe, however, that every roadmap to cloud security should incorporate the following **five best practices in cloud security**:

1. Create the right mindset to set a healthy foundation for cloud security.
2. Understand your shared responsibilities.
3. Define your cloud security-first strategy through an assessment.
4. Implement a multi-level security architecture to achieve security and compliance at every level.
5. Train your people on cloud security and compliance.





Our Share in Your Journey

Whether you are already in the cloud or planning to move, we offer flexible solutions that fit your needs. CloudNation provides cloud security advisory and support before, during and after project implementation. For example:

- We define your cloud security-first strategy by identifying critical assets and 'crown jewels' that need to be protected and worst-case scenarios that need to be avoided.
- We raise awareness amongst stakeholders by means of workshops and training to set a healthy basis for cloud security and help them make better business-risk decisions.
- We assess your organization and confirm your security and compliancy requirements to identify existing gaps between your requirements and your current situation.
- We provide risk management and mitigation before, during and after cloud migration to minimize threat exposure throughout the project.
- We provide automation and integration to ensure that systems and policies remain in compliance with best practices and industry standards.
- We provide training and learning for your security teams to enable them to apply cloud security best practice and stay compliant with external regulations and internal security policies.

Landing Zone as-a Service

Virtually every workload deployment in the cloud requires a so-called Cloud Landing Zone – a framework of network and infrastructure resources which form the foundation of any successful cloud deployment. A well-designed Landing Zone not only offers the structured approach for deploying or migrating workloads in a secure, scalable and highly available way, it also gives flexibility for future changes and organic growth. We have combined years of experience with design

and building hundreds of landing zones for customers, varying from startup to enterprise, and implementing best practices to sculpt our Landing Zone as-a Service (LZaaS).

Our Landing Zone has been built with security by design. Security is directly anchored in every aspect of its core functions. It offers a set of tools to enable visibility and auditability of your cloud security posture.

Enabling Resilience with Security Blocks

Depending on your situation, cloud-native solutions may or may give you the assurance you need. Especially in multi-cloud environments managing cloud-native security solutions from Azure, AWS or Google Cloud may be tiresome and daunting. External regulations may also demand additional security requirements that are not easily set up by cloud-native solutions. You might then want to look at our Security Blocks. These are third-party security solutions offered by renowned security companies that seamlessly connect to our Landing Zone, which can also be offered as a managed service. They offer strong security-specific functions behind one single pane of glass.

About CloudNation

CloudNation is an independent cloud advisory and engineering firm, founded by a handful of cloud enthusiasts with jointly over 15 years of experience with public cloud related projects and developments. We deliver cloud platform agnostic expertise and advisory to enable and accelerate IT transformations, emphasizing on people, process and technology aspects.

Our goal is to empower customers reach their goals and focus on business outcomes by means of enabling them in their journey to become digital masters.



Arjen Vriens
Managing Partner
arjen.vriens@cloudnation.nl
+316 539 83 982

Safet Acifovic
Cloud Security Lead
safet.acifovic@cloudnation.nl
+316 363 55 624

www.cloudnation.nl