



# CAF Landing Zones Implementation on STACKIT

## Motivation

Using STACKIT can be as simple as clicking a button. Scaling STACKIT to an entire enterprise and leveraging the full potential in a secure and compliant way is a different story. It is vital to establish a solid foundation tailored to your organization's needs and provide standardized workspaces, aka landing zones, with maximum autonomy within defined guardrails to your development teams.

## What we bring

PRODYNA brings more than two decades of expertise in enterprise software development and operations for leading global organizations. Furthermore, our extensive knowledge and hands-on experience with diverse Cloud Frameworks enable us to implement robust solutions. This combined proficiency has culminated in a STACKIT Landing Zones architecture designed to efficiently initiate your Cloud transformation.

We recognise the requirements of your development teams and understand the importance of implementing a robust, maintainable landing zone framework that meets enterprise standards for security, compliance, and governance. Furthermore, we will provide complete access to our source code and established landing zone implementation, utilising advanced Infrastructure as Code (IaC) principles with Terraform. During an intensive Hackathon week involving all relevant stakeholders, we will collaborate to adapt the IaC blueprint to suit your organisation's specific needs. By the end of this programme, you will have a resilient and scalable STACKIT foundation, equipped with both essential and enhanced features such as:

- Centralized identity and organization management
- STACKIT VPC network architecture with multi-zone segmentation and firewall for controlled ingress and egress
- Hybrid connectivity via site-to-site VPN to on-premises environments
- Central platform logging and auditing
- Preconfigured landing zones for maximum developer velocity

## What you need

To make the best use of this offer and permit a fast and efficient start, you will need:

- A STACKIT Organization
- Availability of your experts (e.g. future STACKIT team, network, DNS, IAM, etc.)



## Benefits

- **Reduced risk:** Our Terraform Blueprints are the result of extensive experience and iterative refinement. The STACKIT Blueprint has been developed and rigorously reviewed in partnership with STACKIT.
- **Rapid start:** The Terraform Blueprint is designed to address over 80% of typical requirements. Customization can be performed to suit your organization's specific needs.
- **Efficient implementation:** Avoid long periods of trial and error. PRODYNA has deployed cloud architectures and landing zones for numerous enterprise clients, leveraging lessons learned from various approaches. We can guide your organization efficiently, accelerating the development of your cloud platform and delivering tangible value.



## Quick facts

- 5 days intensive hackathon



## What you get

DAYS	ACTIONS	DELIVERABLES
<b>01 – Kick-off</b>	<ul style="list-style-type: none"><li>• Review of the current state of the customers cloud journey</li><li>• Stakeholder management</li><li>• Introduction and handover of the PRODYNA landing zone blueprint</li><li>• Setup of basic infrastructure as code process using Terraform</li></ul>	<ul style="list-style-type: none"><li>• Ready to go Git repo and working IaC process for deploying to STACKIT</li></ul>
<b>02 – Governance</b>	<ul style="list-style-type: none"><li>• Definition and implementation of STACKIT Organization Governance</li><li>• Mapping and creating of resource manager folder structure</li></ul>	<ul style="list-style-type: none"><li>• Basic governance structure implemented with Terraform</li></ul>
<b>03 – Management &amp; Connectivity</b>	<ul style="list-style-type: none"><li>• Setup central management structures for collecting platform wide information (audit events, logs, etc.) to enable event based, scheduled and manual platform automation and dashboarding</li><li>• Review and refine connectivity requirements (e.g. network topology, on-premises connection, DNS, etc.)</li></ul>	<ul style="list-style-type: none"><li>• Central management resources</li><li>• Target connectivity architecture</li></ul>
<b>04 – Connectivity</b>	<ul style="list-style-type: none"><li>• Implement first region network Hub with<ul style="list-style-type: none"><li>◦ Network area</li><li>◦ Firewall (e.g. pfSense or other vendor)</li><li>◦ VPN Gateway (via e.g. Firewall)</li><li>◦ DNS forwarder/resolver</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Fully functional regional connectivity hub</li><li>• Reusable Terraform modules to roll out additional regions in minutes</li></ul>
<b>05 – First Landing Zone</b>	<ul style="list-style-type: none"><li>• Setup and connect first landing zone<ul style="list-style-type: none"><li>◦ Spoke project connected to network area</li><li>◦ Central auditing</li><li>◦ Ingress/Egress traffic filtering via Firewall</li><li>◦ Preconfigured services secured (e.g. Vault, Storage etc.)</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Ready to go landing zone</li><li>• Reusable Terraform modules to roll out new landing zones in minutes</li></ul>

## Get started

To learn about pricing and how to get started, please contact [info@prodyna.com](mailto:info@prodyna.com).

## About PRODYNA

PRODYNA is an innovative IT consultancy specializing in creating custom software solutions and serving the needs of corporates and enterprises across the European continent. Please visit [www.prodyna.com](http://www.prodyna.com) for more information.