

PRODYNA is a strong partner both to help you get started in the AWS cloud and to support you in your current cloud journey. As a recognized AWS partner, we can draw on a broad repertoire of experienced cloud specialists and a long history in custom software development and architecture to get the most out of your AWS projects.



## ➤ 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.

## ➤ SETTING UP A BEST PRACTICE AWS ORGANIZATION INFRASTRUCTURE

### Motivation

If done right, the cloud can bring a host of new opportunities and improvements to businesses. For example, it is possible to track costs incurred in the cloud in great detail. AWS offers a variety of tools to realistically map the enterprise structure in the cloud and, together with a multitude of native cloud services, increase the level of cost control in a way that would not be possible on-premises.

As is often the case, however, it is the beginning that causes difficulties for many companies. In particular, the question of how to adopt or map existing corporate structures in the cloud is being addressed.

### What We Bring

PRODYNA has a long history of cloud expertise and is the ideal partner for all topics related to cloud migration and strategy. Within three days, we will work with you to build a best practice AWS multi-account infrastructure that will be secure, scalable and cost transparent.


### What You Need


To work efficiently within these three days, we need a team that has both a technical overview of your current on-premises landscape, knows the company structure and the players within it, and is capable of making decisions on the cloud structure and underlying principles. Furthermore, it must be possible to quickly obtain email accounts, a VPN connection and access to IT systems that are to be connected to the cloud.

**Experienced consultants will guide you and your employees through the following three-day program:**

In this workshop, we will focus on this question in particular, how we can map your existing company structure in the AWS cloud. For this purpose, we will cover the following points in a total of about three days:

- What is a multi-account structure, why is it recommended by AWS, and what is the best way to build one?
- How can we best map your enterprise structure in the AWS cloud? In particular, what are the responsibilities and how can teams work most productively?
- Which of the already existing (on-premises) structures want/ can be integrated?
- How can we gain full cost control and create structures to monitor and reduce costs?
- How do we build an infrastructure in the cloud that meets the latest security standards?
- What is infrastructure as code and why do we need it to succeed in the cloud

 **Duration**  
3 days

 **Participants**  
Up to 12

Learn more about  
AWS Cloud  
[prodyna.com/expertises/aws-services](http://prodyna.com/expertises/aws-services)



# ➤ Agenda

Day 1	Day 2	Day 3
<ul style="list-style-type: none"><li>➤ AWS Control Tower in general:<ul style="list-style-type: none"><li>➤ What is a multi-account structure?</li><li>➤ Structure</li><li>➤ Features</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Common understanding of AWS Control Tower</li></ul></li></ul></li><li>➤ Your organization in AWS:<ul style="list-style-type: none"><li>➤ Organization Structure</li><li>➤ Responsibilities</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Definition of org. structure in AWS</li><li>➤ Administrator responsibilities</li><li>➤ Which Guardrails / SCP's to use</li><li>➤ Most fitting AWS support level</li></ul></li></ul></li><li>➤ Single Sign-On:<ul style="list-style-type: none"><li>➤ Introduction to AWS IAM permission management</li><li>➤ AWS SSO and Active Directory</li><li>➤ User groups and permissions</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Connection AWS SSO with AD/ LDAP (if any)</li><li>➤ Definition of user groups</li><li>➤ Outline the permission model</li></ul></li></ul></li><li>➤ Infrastructure as Code:<ul style="list-style-type: none"><li>➤ Introduction to AWS Service Catalog</li><li>➤ AWS CloudFormation vs. Terraform</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Definition of the IaC strategy</li><li>➤ Definition of IT service provisioning</li></ul></li></ul></li></ul>	<ul style="list-style-type: none"><li>➤ Billing<ul style="list-style-type: none"><li>➤ Introduction to the AWS billing console and options</li><li>➤ Introduction to cost control in the AWS cloud</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Common understanding of AWS billing model and how to save money</li><li>➤ Definition of responsibilities and actions</li></ul></li></ul></li><li>➤ Tagging:<ul style="list-style-type: none"><li>➤ Introduction to tagging in AWS</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Definition of a tagging strategy</li></ul></li></ul></li><li>➤ Overview of the AWS security services:<ul style="list-style-type: none"><li>➤ VPC FlowLogs</li><li>➤ AWS Config</li><li>➤ AWS CloudTrail</li><li>➤ AWS GuardDuty</li><li>➤ AWS SecurityHub</li><li>➤ AWS WAF</li><li>➤ AWS Shield</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Develop a basic global cloud security concept</li></ul></li></ul></li></ul>	<ul style="list-style-type: none"><li>➤ Creation of the first AWS accounts over AWS Control Tower</li><li>➤ Creation of the defined AWS SSO roles</li><li>➤ Assignment of the AWS SSO roles to the respective users and groups</li><li>➤ Creation of budgets (alerts) for all existing accounts</li><li>➤ Results:<ul style="list-style-type: none"><li>➤ Fully created multi-account structure with best practice</li></ul></li></ul>



## Contact Our Expert

### Dennis Creutz

Managing IT-Consultant / Cloud Architect

📍 PRODYNA Düsseldorf

✉ dennis.creutz@prodyna.com

📞 +49 (0) 176 1787 0237