

Appendix 1: Service description

§ 1 General

(1) Perian provides its Customers with cloud infrastructure management (services) for the automated selection, management, configuration and integration of cloud services from various cloud providers. The Customer defines its requirements via the platform on the basis of criteria and is automatically assigned a suitable server instance type on which execution can be started after an initial setup phase. Customers have the option of changing the selection by adjusting the criteria so that they receive a customized instance type. Possible criteria are the configuration of vCPUs, RAM, GPU as well as cloud provider, location, sustainability and price. If a selected instance type is not available, the next best one is selected based on the Customer's settings and criteria or the selection process is restarted.

(2) Once the Customer has provided the container image via its own container registry and entered the requirements via the criteria, a job can be created that executes the desired container workload on the assigned instance type.

(3) Container images are complete, executable software packages that, in addition to the application code, also include all required dependencies and the execution environment, which enables uniform and error-free execution of applications in cloud environments, regardless of the local development or production environment. A container registry is a centralized service for storing and distributing container images that allows users to upload and manage container images for cloud execution. Users must provide a container registry for use on the Perian Sky platform.

(4) This platform creates a unified and interoperable management plane designed to simplify and optimize the management of cloud infrastructures for running workloads. By providing a command-line interface (CLI) and programmable interfaces (API), Perian enables access to Infrastructure-as-a-Service (IaaS) services, giving Customers flexible and efficient control of their cloud resources across multiple partners.

§ 2 Service components

The services consist of the following components.

- (1) Cloud infrastructure management and optimization
 - Serverless Compute Service: Automatic provision and execution of container workloads without manual management of the underlying cloud infrastructure.
 - Multi-cloud optimization: Dynamic selection of cloud resources according to criteria such as hardware type, price, location and compliance requirements.
 - Automated workload management: Enables efficient execution of cloud tasks through automated resource allocation.

- Centralized billing management: Uniform management and control of cloud costs across all cloud services used.
- (2) Access and usage interfaces
- CLI access: Direct access and control of platform functions via a command line interface for experienced users and developers.
 - API access: Direct use and integration of the service into existing workflows and systems.
- (3) Support and maintenance
- Technical support: Complimentary support for technical inquiries and challenges. This includes troubleshooting, advice on using the platform and its functions as well as assistance with setting up and configuring services.
 - Consulting and Premium Support: Paid technical support and consulting for individual customizations and advanced integrations. This includes detailed technical advice on specific Customer requirements, including architectural advice and best practices, as well as extended technical assistance with complex issues and projects.
 - Regular updates and maintenance: Ensuring the platform is up to date and introducing new functions.

§ 3 Cloud account options

Cloud resources can be used with the service in the following way:

- (1) Perian-provided cloud account (Managed Cloud Account, MCA): Customers can also use cloud resources via accounts provided by Perian. In this case, Perian takes over the management of the cloud infrastructure and offers standardized billing. Customers do not need a direct contractual relationship with cloud providers.

§ 4 Cloud provider

(1) The following cloud providers are available for the services:

- [Open Telekom Cloud \(OTC\)](#)
- [Exoscale](#)
- [Google Cloud Platform \(GCP\)](#)
- [Gridscale](#)
- [OVHcloud](#)

(2) The offered cloud providers have their own terms and conditions, which must be observed when using their services and are each linked accordingly.

(3) Perian controls access to the infrastructure that Perian uses to store and process the Customer Data entered into the Cloud Services. The Cloud Provider and location/region will depend on which Cloud Provider and region the Customer independently selects. Customer Data will remain in the region selected by the Customer, but may be moved and co-located between different data centers within the selected region to ensure the performance and availability of the Cloud Services.

§ 5 Provision of the service

(1) Access to Perian's service, the Perian Sky Job Platform, requires prior registration. For this purpose, the Customer must provide the following information:

- Company information, including company name and VAT ID,
- full name,
- valid e-mail address of the Customer and
- Payment details.

(2) In the course of registration, the Customer receives the General Terms and Conditions and the privacy policy. The registration is completed by ticking the appropriate checkbox and clicking the "Create Account" button.

(3) After logging in to the Customer portal, users are asked to enter their payment details and are informed of the next steps in the documentation.

(4) Once the contract has been concluded, the Customer has the option of registering for the service and gaining access to the functions of the service via the CLI and API. They can enter criteria, select an instance type and execute their own container images using the container registry.

§ 6 Obligations of the Customer to cooperate / conditions of use

(1) The Customer has the following obligations to cooperate:

- Provide the required information: Provide current company and payment information.
- Login and authentication: Comply with login and authentication requirements.
- Access security: Protect access data from unauthorized access.
- Backups: Carry out regular data backups.

(2) The Customer is obliged to ensure that all technical requirements for access to the services are met, including the provision of compatible hardware, software and a stable Internet connection.

(3) In addition, the Customer must fulfill the following conditions of use for the provision of the services:

- System requirements:
 - Operating systems: Windows 10+, MacOS 10.14+, Linux (Ubuntu 18.04+, CentOS 7+, Fedora).
 - Browser: Chrome 60+, Firefox 55+, Safari 11+, Edge 16+, Opera 48+.

- Network: Internet connection with at least 20 Mbps.
- Use APIs and clients: Observe specifications and recommendations.
 - API: REST client (e.g. Postman).
 - Python Client: Python 3.10+, 'perian' package (PyPi).
 - Perian CLI: Python 3.10+, 'perian-cli' package (PyPi).
 - Flyte Integration: Perian Flyte Package.
- Installation and configuration:
 - Client installation: Via Perian website.
 - API access: Generate API key in the user dashboard.

Status September 2024