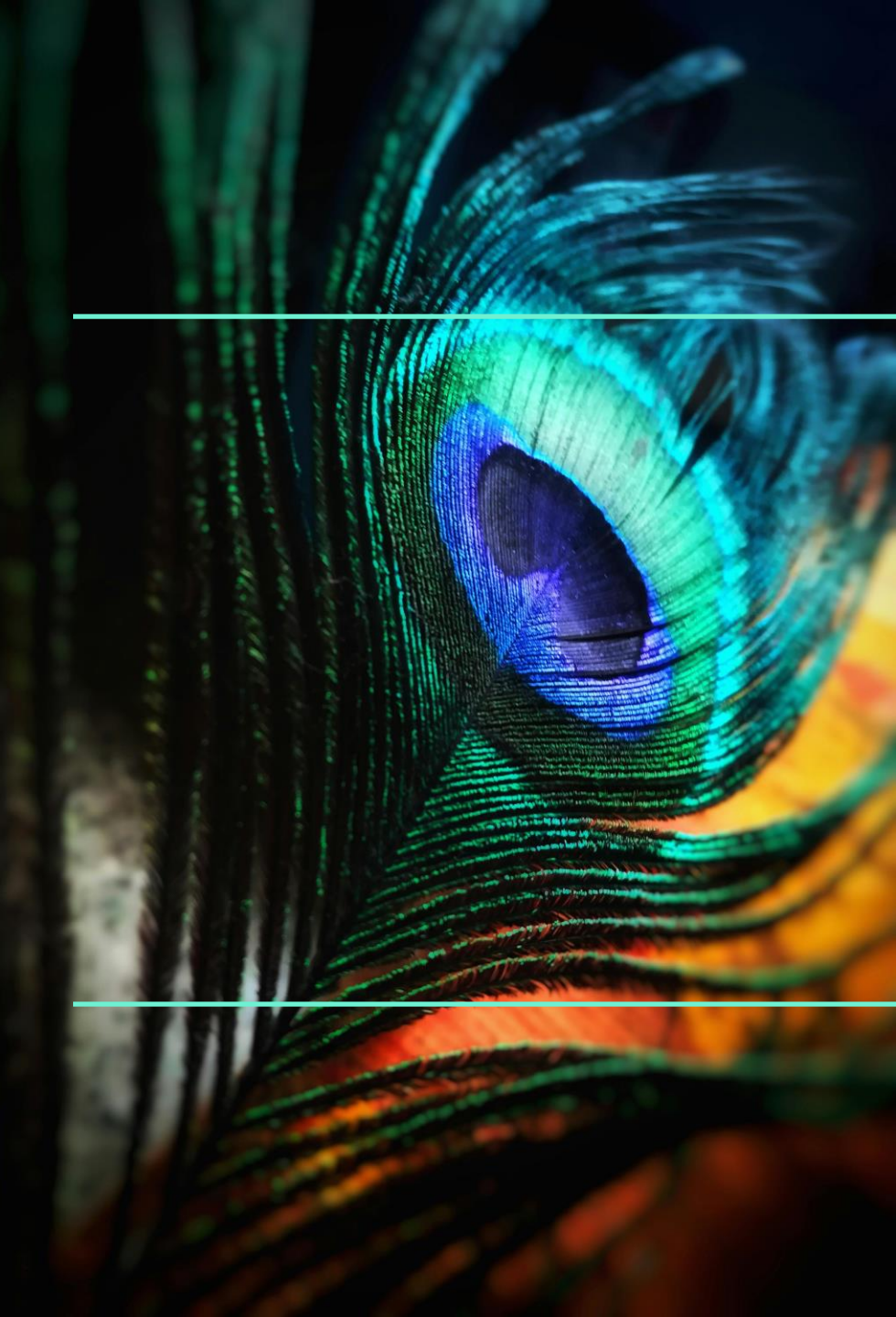
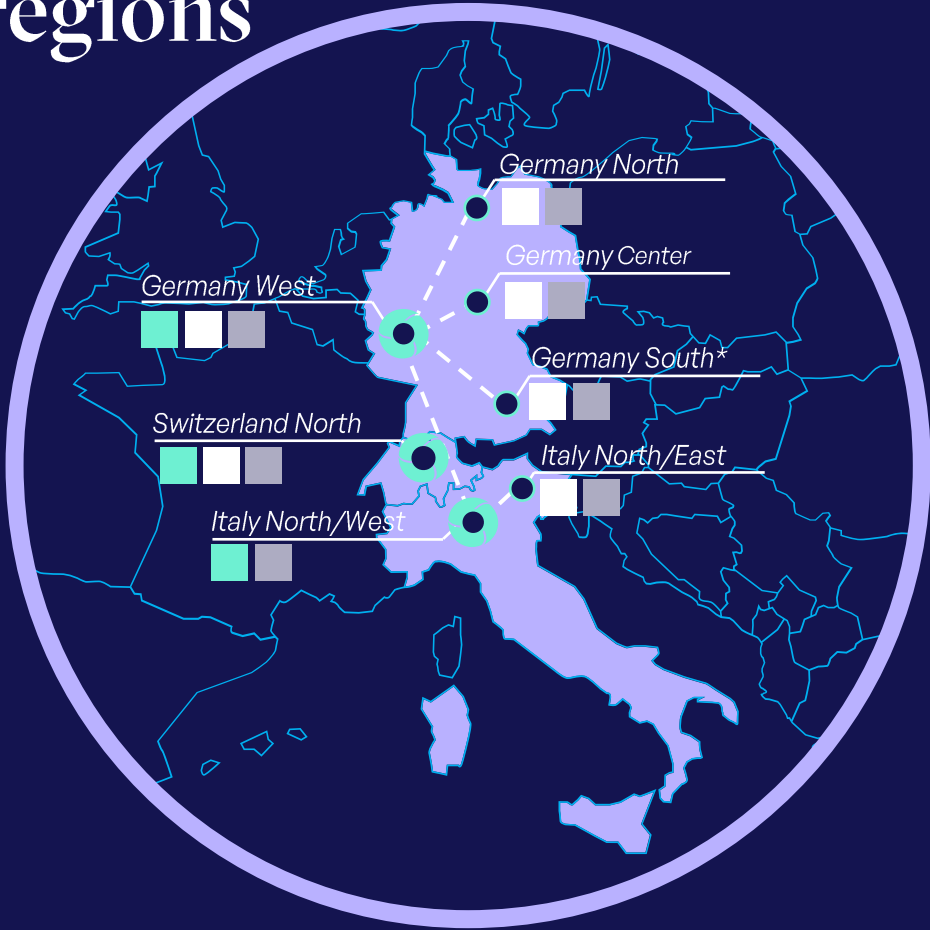




WIIT

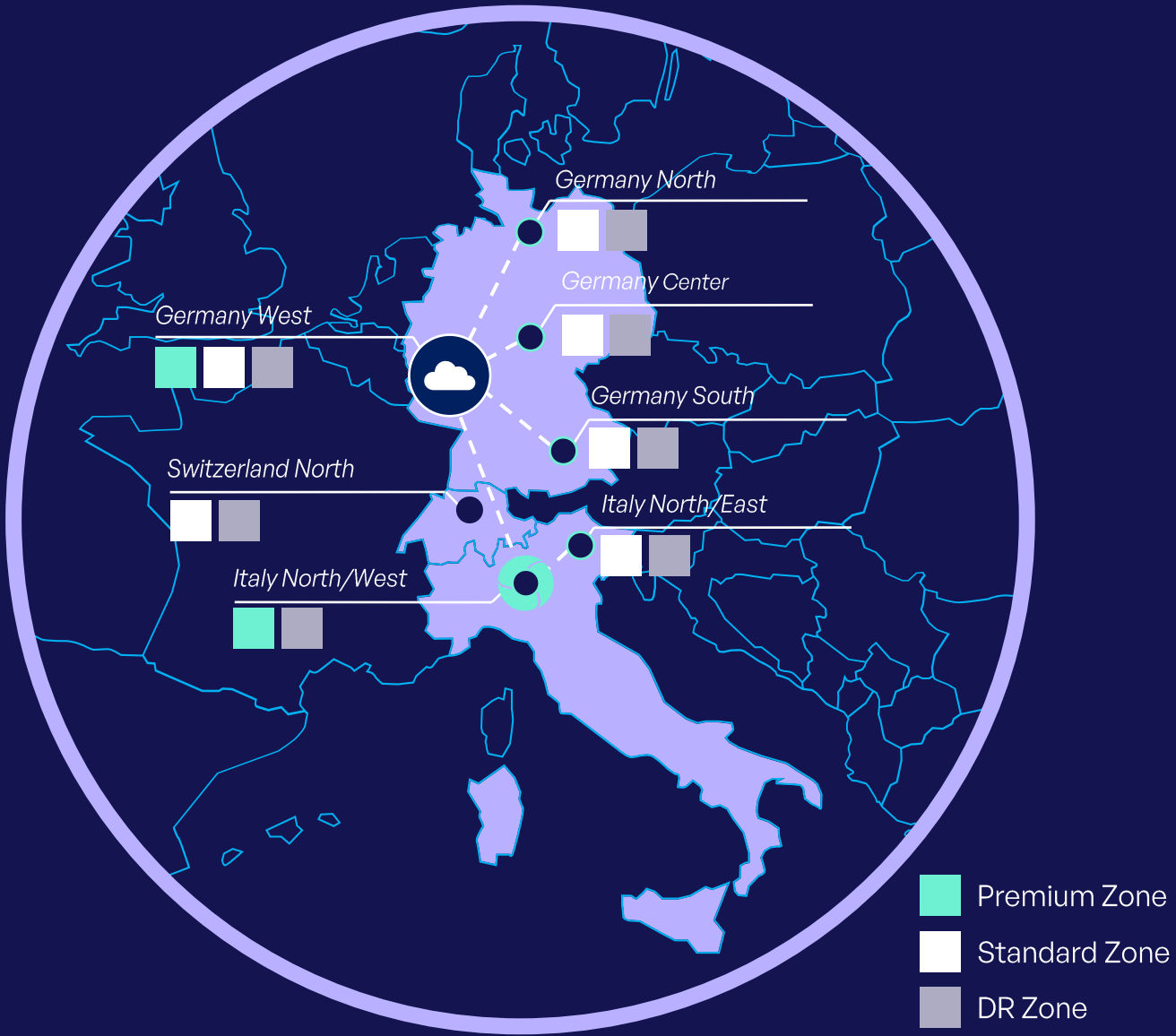
WIIT Cloud Native Platform (WCNP)

The secure cloud paradigm in 7 regions



*BSI Compliant

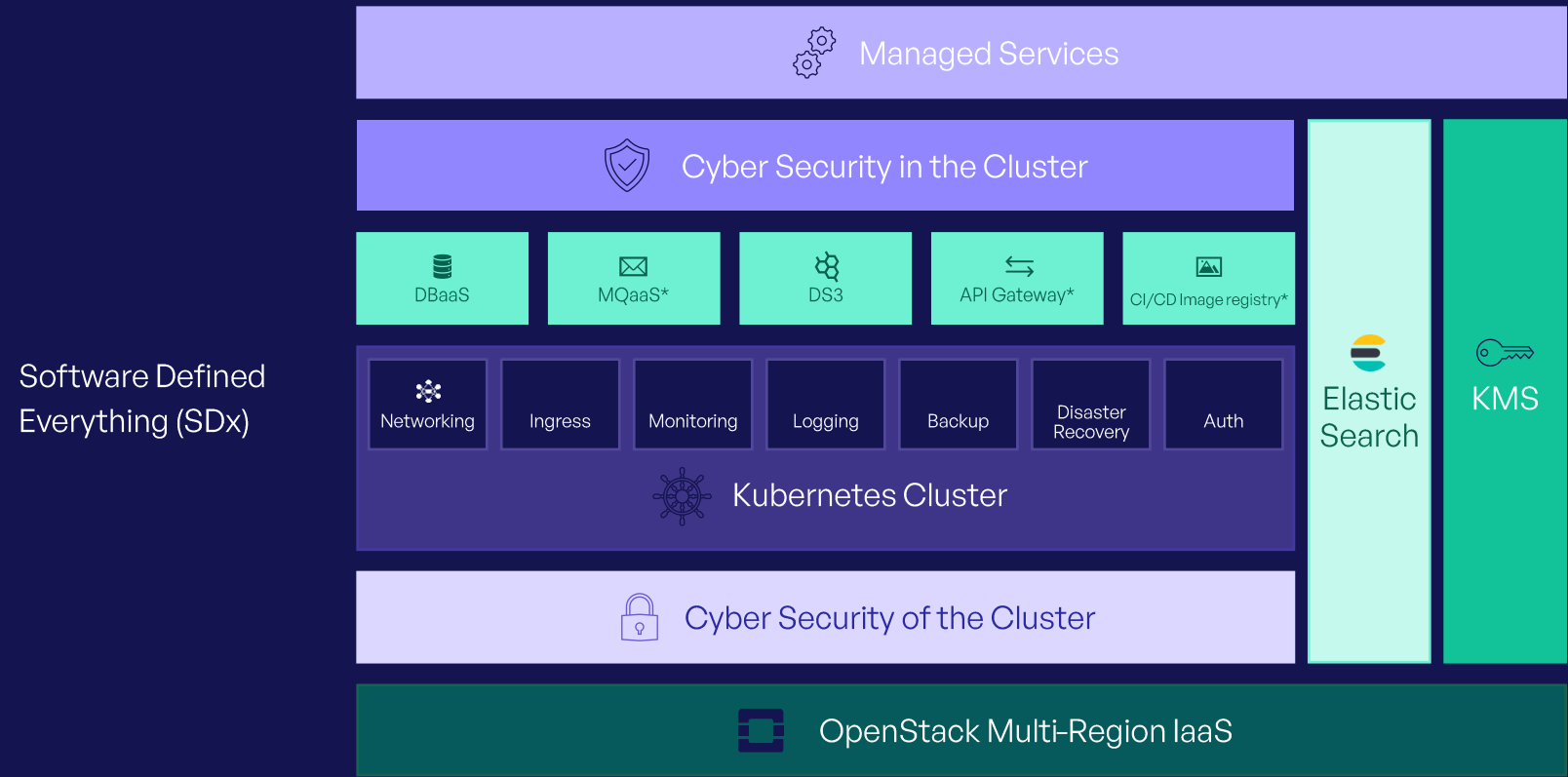
	STANDARD Zone	PREMIUM Zone	DR Zone
SECURED BY DESIGN <i>Standard Security Layer</i>			
HIGHLY AVAILABLE <i>Redundant technology</i>			
SCALABLE <i>Resources available on-demand to scale-out services</i>			
HYBRID <i>Fully connected to hyperscalers</i>			
HIGHLY RELIABLE <i>Tier IV and very high-end infrastructure</i>			
MANAGED <i>Availability of H24 managed services</i>			
PREMIUM SECURITY <i>Cybersecurity Services managed by WIIT</i>			
BUSINESS CONTINUITY <i>RPO and RTO Guaranteed</i>			
BACKUP OFFSITE SECURED <i>Ransomware proof Backup</i>			



WCNP

-  **Digital Sovereignty**
Assets and competences in EU
-  **High Availability**
3AZ distribution 99,9% Availability of the services
-  **Full Private Cloud Native Platform**
Asset-skill-processes owned by WIIT
-  **Automation by Design**
Fully programmable platform using standard API
-  **Cost effective**
Benchmarked with hyperscalers
-  **No Lock-in**
Full Opensource components free from license fees
-  **WCNP Active Region**

WCNP – Software Defined Everything SDx



High Level Architecture

Open Source, Battle- tested and CNCF-certified Kubernetes Distribution that enables automation of Kubernetes cluster management and execution of mission-critical production workloads.

The Platform has a wide availability of PaaS add-on modules already in the core as well as the ability to extend the platform with already supported add-on modules.

By combining WCNP with cutting-edge technology, expertise and specialized Cloud Native consulting paths, WIIT accelerates the path to developing and deploying containerized applications on Cloud Native platforms.

*available as dedicated customer operations services



OpenStack

Key Components

Horizon

Dashboard

Use a variety of functions of the other components of the platform to manage own resources

Keystone

Authentication/ Identity Service

Management of platform users and projects

Swift / S3

Object Storage

Storage and Retrieval of any data in the cloud, almost infinitely scalable

Cinder

Block Storage

Create and manage volumes within the specified availability zone

Neutron

Network

Create and manage networks, routers, security groups, floating IPs and other network resources

Nova

Compute Service / On-Demand Virtualization

Users can create and manage virtual machines (instances) via the API or the dashboard

Glance

Image Service

Upload images and use them as the basis for your instances or volumes

Octavia

Load Balancer Services

Highly-available Balancing of traffic between VMs, thus enabling HA setups

Heat

Orchestration Service

Create and manage IaaS resources (stacks) using Infrastructure as Code

Designate

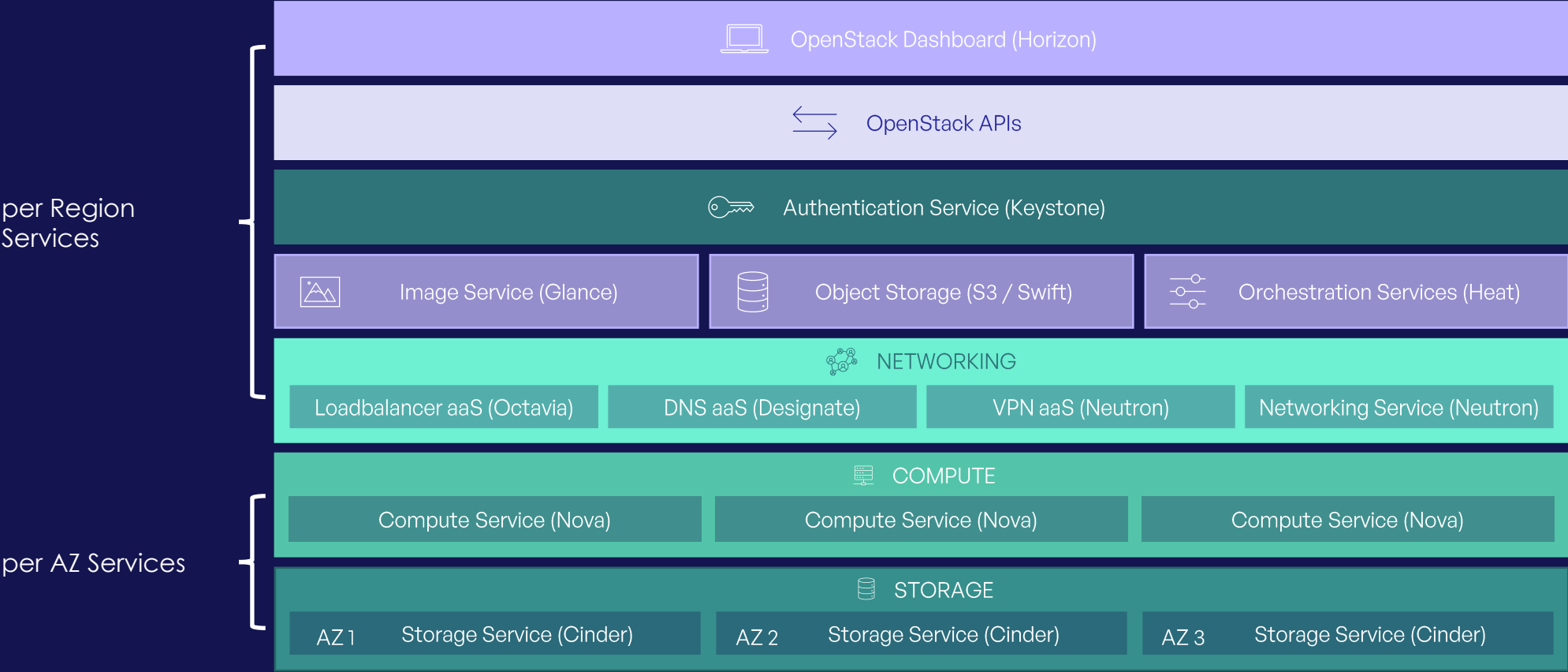
DNS Service

Create zones and manage DNS entries

VPNaaS

Create and manage IPSec VPN connections

Region Architecture



SLA and Responsibilities

Platform Availability & Support		Responsibilities			
Up to 99,9 % Platform Availability¹ Operating Mon - Sun (00:00 - 24:00) Regular support hours Mon - Fri (8:00 - 18:00)		WIIT provides a functional and accessible platform and carries out regular maintenance, updates, patches and, if necessary, hot fixes for APIs and dashboard, as well as Glance Image Service, Octavia Loadbalancer as a Service, Neutron Networking & VPNaaS Service, Heat Service, Designate DNSaaS Availability, compute, storage and network availability in at least one of the availability zones, Backup & recovery of the control plane. The customer is responsible for the distribution of the workloads, as well as data and backup. WIIT is happy to support this with possible backup solutions or individual solutions on request. An on-call service is also possible.			
Maintenance windows		Incident Management			
Maintenance work is generally carried out during regular support hours following prior notification. Maintenances with expected service interruptions will be carried out outside of the regular support hours. Urgent security updates and emergency hotfixes may also be announced on shorter notice.					
Important notice					
WIIT may remove features if the OpenStack Community ceases their support, with appropriate notification.					
		P1 – very high	P2 – high	P3 – medium	P4 – low
Reaction Time		30min	1h *	2h *	1 day
Start of Recovery		1h *	4h *	8h *	24h

¹ 99,5 % for services in one availability zone
99,9 % for services deployed across different availability zones

* during regular support hours
(extendable on demand)