

# STACKIT

## Compute Engine – Virtual Machines

→ Elementary foundation for your cloud

STACKIT Compute Engine provides scalable and high-performance virtual machines (VM) within seconds. In addition to a large number of customer-managed operating systems, there are also variants run by STACKIT available. Both the STACKIT Portal and the automatable STACKIT IaaS API can be used as the management UI for VM as self-service. Choose from different VM types with standardized CPU/RAM ratios.

### APPLICATIONS



#### Provision of virtual data centers

Deploy entire virtual data centers without having to worry about scaling, hardware, or provision – and in a way that it is reproducible and individually scalable at any time.



#### Coverage of last peaks

Supplement existing systems with flexible and needs-oriented Cloud VMs in order to cost-effectively cover short- or long-term last peaks.



#### Structure systematically capsuled system environments

Use the project scope to structurally separate different system environments from each other in order to implement a wide variety of requirement scenarios.

### FEATURES

- Quickly and easily create instances using the self-service user interface in the STACKIT Portal – from individual VMs through entire virtual data centers.
- STACKIT IaaS API enables system provision to be automated and reproduced.
- STACKIT provides a wide range of system sizes (flavors) for different application scenarios with different sizing requirements.
- Existing environments can be built and extended, or reduced and dismantled at any time individually and cost effectively.
- As the VM can be controlled in many ways, standardized or specific system environments can be reproduced – in a way that's easy, secure, and stable.

### BENEFITS

- You can easily execute a VM deployment using the intuitive management GUI.
- Within seconds, ad-hoc changes to resource needs (e.g. number of VMs) can be flexibly and intuitively implemented.
- Transparent and cost-effective: You only pay for the systems that use or reserve corresponding resources (pay-as-you-go: PAYG).