



FIRST STEPS WITH OPEN TELEKOM CLOUD

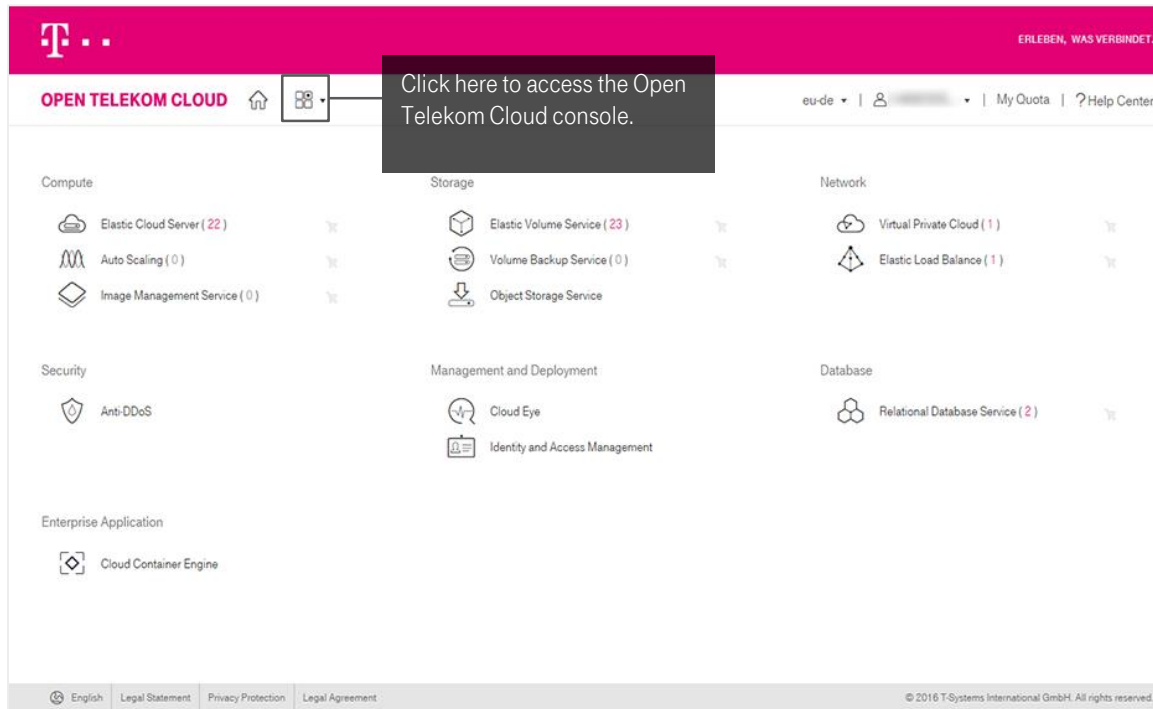
So you've reserved the Open Telekom Cloud and want to get started? No problem! In this article, we'll show you the first steps you need to take.



LIFE IS FOR SHARING.

FIRST STEPS WITH OPEN TELEKOM CLOUD

THE CONSOLE: EVERYTHING IN ONE PLACE

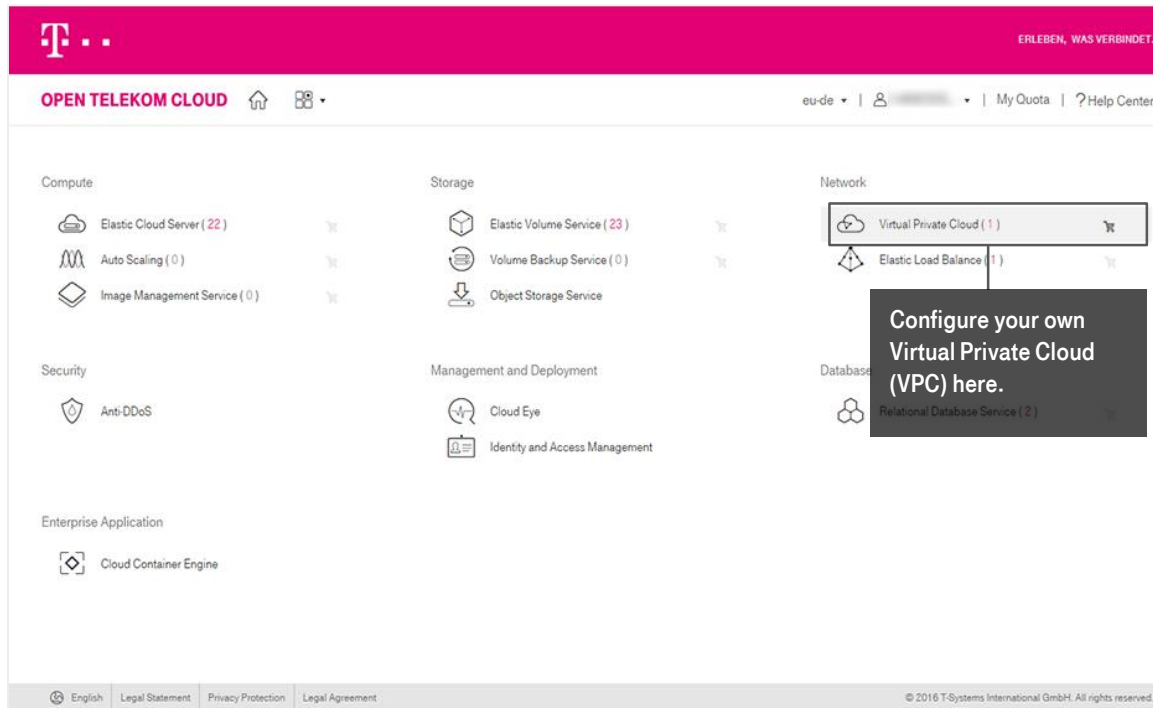


The console lists all available services. You can access the services by either clicking on their name on the interface or via the small four-box button next to Home on the upper row.

On the right you'll see the region where you are logged in, your user name, predefined maximum capacity (to control costs) and the Help Center where you can find further information.

FIRST STEPS WITH OPEN TELEKOM CLOUD

THE CONSOLE: EVERYTHING IN ONE PLACE



First things first: configure your own Virtual Private Cloud (VPC). This forms the basis for all further work on the Open Telekom Cloud. With your own VPC, you reserve an IP address range within the Cloud that belongs solely to you. This is a basic security measure to prevent unauthorised access to your resources and services from the get-go.

Under Network, click on “Virtual Private Cloud”.

FIRST STEPS WITH OPEN TELEKOM CLOUD

CREATE A NEW VIRTUAL PRIVATE CLOUD

The screenshot displays the Open Telekom Cloud console interface. At the top, there is a magenta header with the logo and the slogan "ERLEBEN, WAS VERBINDET.". Below the header, the navigation bar includes "OPEN TELEKOM CLOUD", a home icon, a menu icon, and user information (eu-de, My Quota, Help Center). The main content area is divided into a left sidebar and a main panel. The sidebar contains a "VPC" section with a cloud icon and a "Dashboard" link. The main panel features a "My Resources" section with a grid of resource cards: VPCs (1), Subnets (3), Security Groups (4), VPNs (1), and EIP (10). A magenta "+ Create VPC" button is highlighted with a black box, and a text overlay reads "Create a new Virtual Private Cloud (VPC) here." A "Quick Start Guide" section on the right lists links for "Create VPC", "Create Subnet", "Create Security Group", "Create VPN", and "Assign EIP".

You have reached the Network Services console. Administer current resources under “My Resources”.

To create a new VPC, click on the magenta “+Create VPC” button.

FIRST STEPS WITH OPEN TELEKOM CLOUD

CREATE A NEW VIRTUAL PRIVATE CLOUD

ERLEBEN, WAS VERBINDET.

OPEN TELEKOM CLOUD

eu-de | My Quota | Help Center

Create VPC For details about VPC functions, [click Here](#)

VPC Networking:

Internet Router Subnets

Name: vpc55d3

VPC CIDR: 192.168.0.0 / 16

AZ: eu-de-02

Name: subnet55d3

CIDR: 192.168.0.0 / 24

Gateway: 192.168.0.1

DHCP: Enabled Disabled

[Display Advanced Settings](#)

Create Now

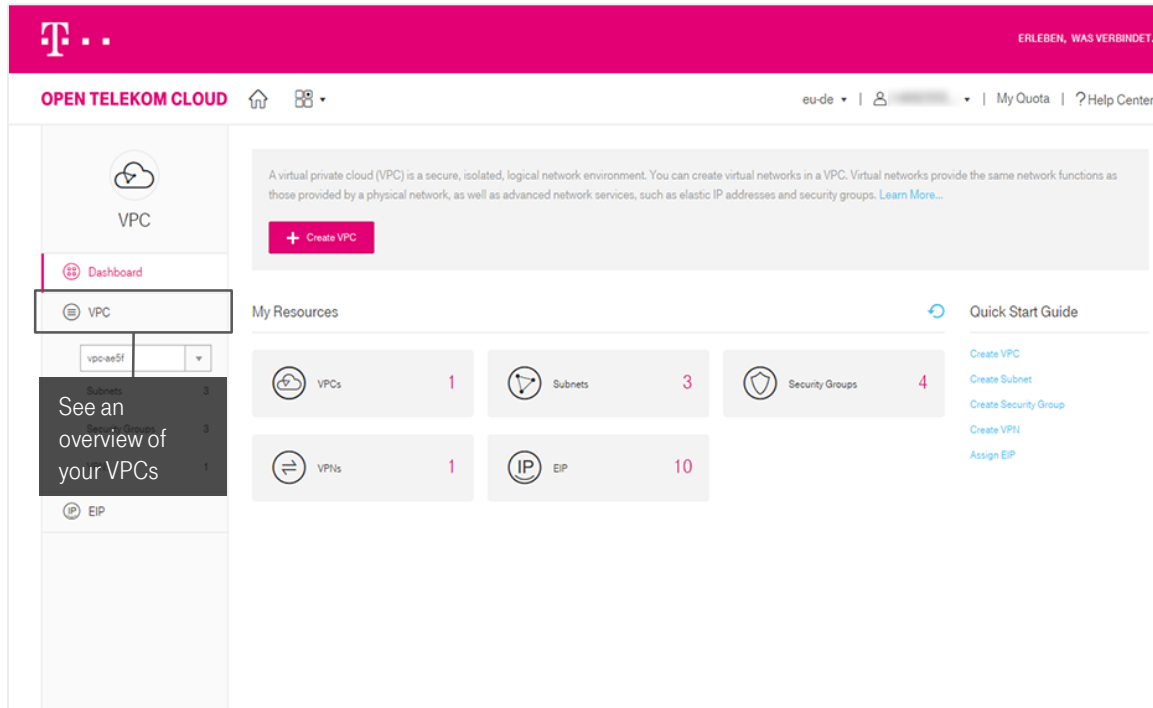
Complete the configuration of your Virtual Private Cloud.

Name your VPC on the following screen and define parameters such as IP address range and gateway as well as DNS Server addresses.

With “Create Now”, you place the order to create a Virtual Private Cloud. Afterwards, you’ll be automatically taken to the VPC overview you came from.

FIRST STEPS WITH OPEN TELEKOM CLOUD

IP ADDRESSES & SUBNETS



The screenshot displays the Open Telekom Cloud dashboard. At the top, there is a navigation bar with the logo and the text "ERLEBEN, WAS VERBINDET." Below this, the "OPEN TELEKOM CLOUD" header includes a home icon, a menu icon, and the text "eu-de | My Quota | ? Help Center". The main content area features a left sidebar with a "VPC" button highlighted. A tooltip for the "VPC" button reads "See an overview of your VPCs". The main panel contains a "VPC" section with a "Create VPC" button and a descriptive text: "A virtual private cloud (VPC) is a secure, isolated, logical network environment. You can create virtual networks in a VPC. Virtual networks provide the same network functions as those provided by a physical network, as well as advanced network services, such as elastic IP addresses and security groups. [Learn More...](#)". Below this is a "My Resources" section with a grid of resource cards: "VPCs" (1), "Subnets" (3), "Security Groups" (4), "VPNs" (1), and "EIP" (10). A "Quick Start Guide" section on the right lists actions: "Create VPC", "Create Subnet", "Create Security Group", "Create VPN", and "Assign EIP".

Your Virtual Private Cloud will be available immediately. It is shown under the VPC button. By choosing the grey “VPC” button, you will see an overview of your VPCs.

FIRST STEPS WITH OPEN TELEKOM CLOUD

IP ADDRESSES & SUBNETS

The screenshot shows the Open Telekom Cloud VPC management interface. The top navigation bar includes the logo and the text "ERLEBEN, WAS VERBINDET.". Below the navigation bar, the "OPEN TELEKOM CLOUD" logo is visible, along with a home icon, a user profile icon, and the text "eu-de | My Quota | ? Help Center". The main content area is titled "VPC" and contains a "Create VPC" button. Below this, a card displays details for a VPC named "vpc-ae5f":
- Status: Normal
- VPC CIDR: 192.168.0.0/16
- ID: ce5117ae-9282-...
A sidebar on the left shows a list of resources for the selected VPC: Subnets (3), Security Groups (3), and VPNs (1). Below the VPC details, a network diagram shows a "Router" connected to "Internet" and "subnet-4acb". The subnet "subnet-4acb" is associated with the IP address "192.168.1.0/24". A callout box with a plus sign and the text "Allocate more subnets" is overlaid on the diagram.

When you choose one of your VPCs, you can see if internet access has been configured as well as how many subnets exist and their allocated IP addresses.

As long as a VPC has at least one subnet (created at the start as standard), it cannot be deleted – even by mistake.

You can allocate more subnets to the VPC any time by clicking on the plus button.

FIRST STEPS WITH OPEN TELEKOM CLOUD

VIRTUAL PRIVATE CLOUD SECURITY

ERLEBEN, WAS VERBINDET.

OPEN TELEKOM CLOUD eu-de | My Quota | ? Help Center

VPC

Dashboard

VPC

vpc-ae5f

Subnets 3

Security Groups 3

VPNs 1

Configure security rules for your VPCs

A virtual private cloud (VPC) is a secure, isolated, logical network environment. You can create virtual networks in a VPC. Virtual networks provide the same network functions as those provided by a physical network, as well as advanced network services, such as elastic IP addresses and security groups. [Learn More...](#)

+ Create VPC

You can create 9 more VPCs.

vpc-ae5f

Status: Normal

VPC CIDR: 192.168.0.0/16

ID: ce5117ae-9282...

Internet Router

subnet-4acb

192.168.1.0/24

It is important to protect your VPCs with security rules so your cloud can only be accessed by authorised users.

To set it up, click on the menu option “Security Groups” on the left hand column.

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VIRTUAL PRIVATE CLOUD SECURITY

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OPEN TELEKOM CLOUD eu-de | My Quota | ? Help Center

VPC

Dashboard

VPC

vpc-ae5f

Subnets 3

Security Groups 3

VPNs 1

EIP

A security group implements access controls for ECSs, specifying the communication scope of ECSs. You can define different access control rules for a security group, and these rules take effect for all ECSs added to this security group. By default, a security group does not restrict any data packets that are sent out from ECSs in it, and ECSs in the same security group can access each other. [Learn more](#)

+ Create Security Group

Configure a new Security Group here.

Create Security Group

* Name: Note: The security group name cannot be modified after the security group is created. Exercise caution when entering the name.

OK Cancel

You can create 96 more security groups and 473 more security group rules.

default	VPC: vpc-ae5f	Outbound Rules 1	Inbound Rules 3	Delete
ad1a50b5-0590-4ce1-b99c-05d6d06d1639	VPC: vpc-ae5f	Outbound Rules 1	Inbound Rules 9	Delete
ad1a50b5-0590-4ce1-b99c-05d6d06d1639-nx	VPC: vpc-ae5f	Outbound Rules 1	Inbound Rules 10	Delete

On the following screens you can configure new Security Groups. First, give your Security Group a name. The Security Group will appear immediately in the list below. If you have created several Security Groups, you may have to scroll down to find the new one.

Click on the relevant rule and define what protocols and which IP addresses via what ports will have access to your resources. You have now secured your VPC.

FIRST STEPS WITH OPEN TELEKOM CLOUD

ADD ADDITIONAL SERVICES

The screenshot displays the Open Telekom Cloud console interface. At the top, there is a navigation bar with the logo and the text "ERLEBEN, WAS VERBINDET." Below this, the main content area is organized into several sections:

- Compute:** Elastic Cloud Server (22), Auto Scaling (0), Image Management Service (0), and AMI: DCS.
- Storage:** Elastic Volume Service (23), Volume Backup Service (0), and Object Storage Service.
- Network:** Virtual Private Cloud (1) and Elastic Load Balance (1).
- Management and Deployment:** Cloud Eye and Identity and Access Management.
- Database:** Relational Database Service (2).
- Enterprise Application:** Cloud Container Engine.

A callout box is overlaid on the "Compute" section, pointing to the "Elastic Cloud Server (22)" item. The text in the callout box reads: "Allocate your virtual machine to a VPC here."

At the bottom of the console, there are links for "English", "Legal Statement", "Privacy Protection", and "Legal Agreement", along with a copyright notice: "© 2016 T-Systems International GmbH. All rights reserved."

Now you can allocate resources such as VMs and storage to your VPC. Via the home button, you'll find the Open Telekom Cloud console which will give you an overview of all resources. In the "Compute" section, you can choose Elastic Cloud Service to roll out your first virtual machine and allocate it to a VPC.

ANY QUESTIONS?
WE ARE HAPPY TO HELP

Toll-free hotline

Monday through Friday, 8:00 - 17:00 CET

+800 44556600 (toll-free)



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