



CIRRUS SWISS TXT CLOUD
SELF-SERVICE PORTAL USER MANUAL

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1. GENERAL INFORMATION

The CIRRUS SWISS TXT CLOUD Portal is based on Amysta with CloudStack.

Amysta is intended for end-users who want a detailed report on the resources they are using (CPU, RAM, storage space) and how much they are paying for them, or to check their previous invoices, as well as for administrators responsible for operating cloud-based infrastructure systems.

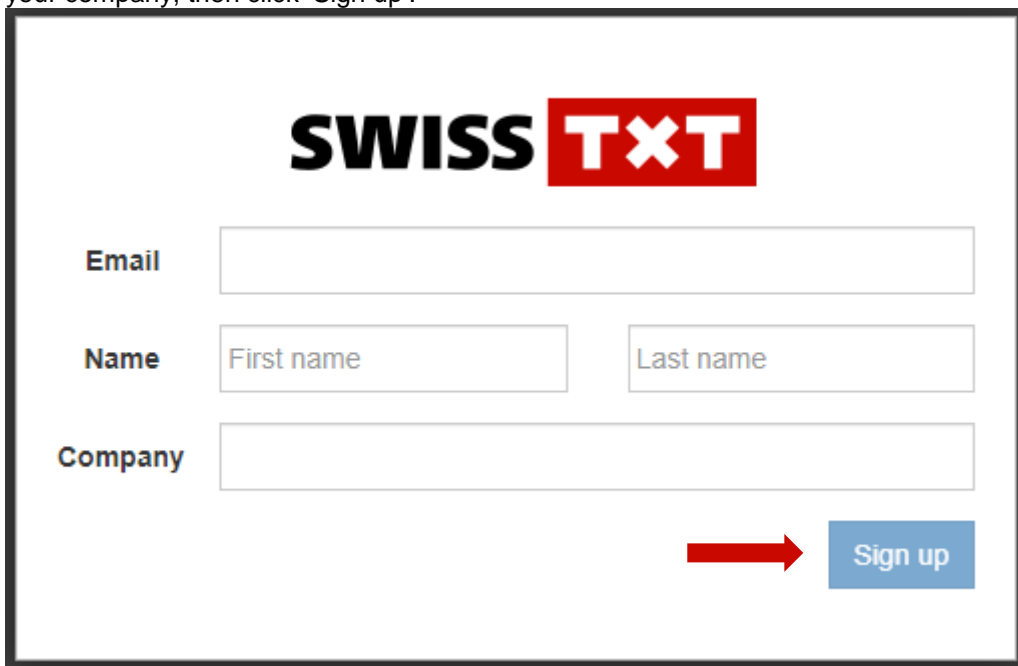
The 'pay-as-you-go' pricing model is one of the key features of cloud computing, as it provides both flexibility and scalability. Amysta can be used to provide usage metering, pricing, billing and reporting for cloud-based Infrastructure as a Service (IaaS) systems. The current version of Amysta also features Citrix Cloud Platform and Apache CloudStack support.

For further information please go to the 'Help' section from your portal.

2. GETTING STARTED

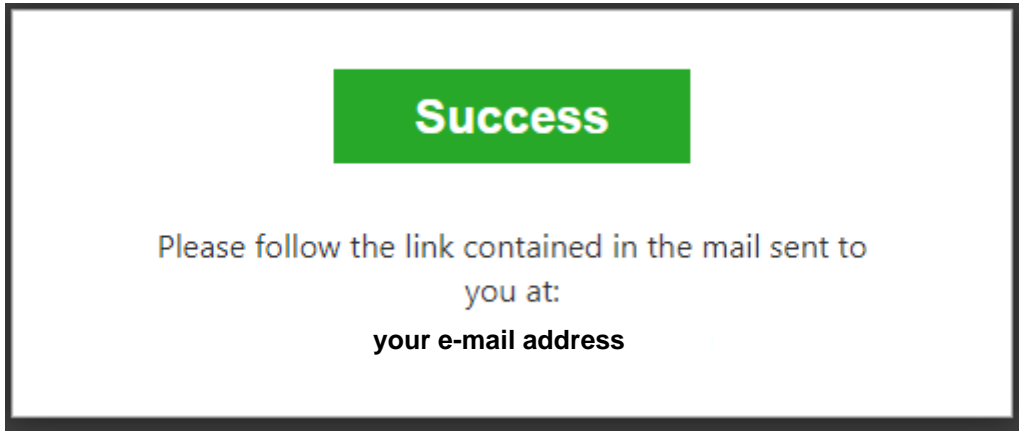
2.1 REGISTRATION

Go to the [CIRRUS CLOUD PORTAL](#) and enter your e-mail address, your name and the name of your company, then click 'Sign up'.



The image shows a registration form for SWISS TXT. At the top center is the SWISS TXT logo. Below it are three input fields: 'Email', 'Name' (split into 'First name' and 'Last name'), and 'Company'. A blue 'Sign up' button is located at the bottom right, with a red arrow pointing to it from the left.

You will then receive an e-mail with a link. Clicking on the link will take you to the registration form.



Dear Bettina Manta,

You have identified to enroll as SWISS TXT AG Client.

To sign-up and activate your account, please use the following URL within your browser:



<https://cirrus.swisstxt.cloud/Amysta/Pages/public/registration/Sft+VmDHNNY228pU3vobdukBXAYL1xZoA9GalnFoSuZSAYrgBI73YRU8HNTuY1QpXKB2BpjQ0asTFCb9jstA6zTpic7EIA0NK40x/db19900d-c321-4dbb-9247-cc1ed594551d>

Please note: once configured, your account will be under Trial. You will benefit from CHF 100.00 and from 20 days.

Please follow the link, read and agree to the terms and conditions, then fill in the additional information requested (password, address).

NB: You will then receive CHF 100 in credit and your 20-day free trial will begin. You will not receive any invoices during your trial.

Registration


Account Address Billing Payment

Desired username

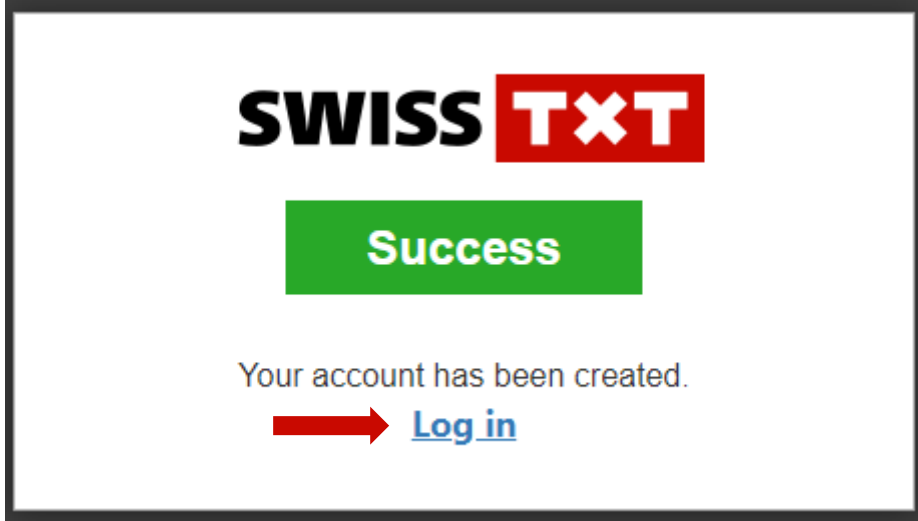
Desired password

Confirm password

I agree to the [terms and conditions](#)

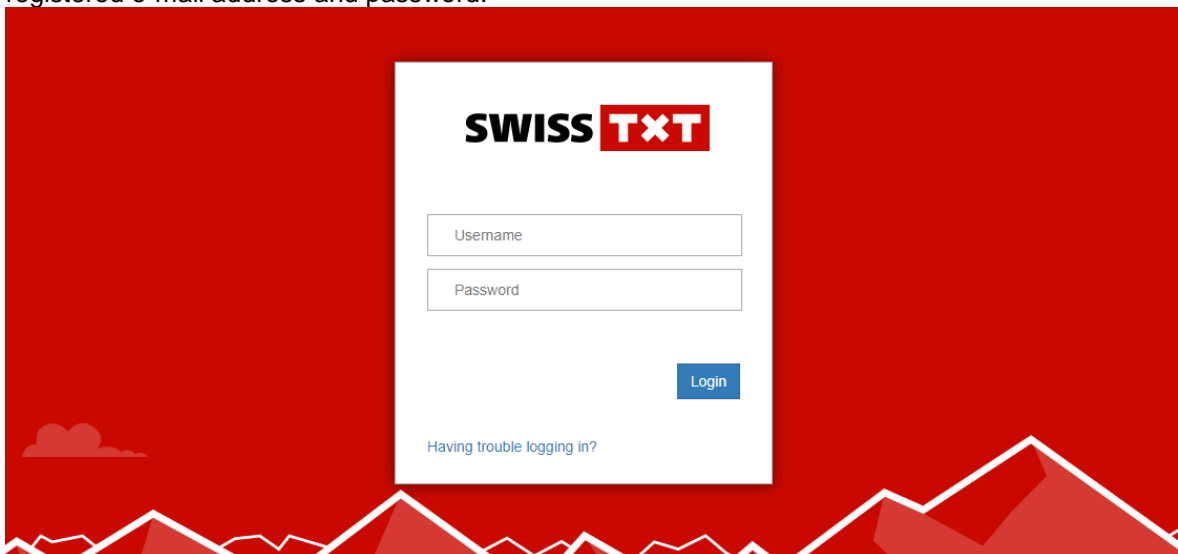
 You have a trial period of **20 days** and you have **CHF 100** of trial credit on your account. When your trial expires you will be asked to switch to real mode.

Your account has been created and you can now log in.



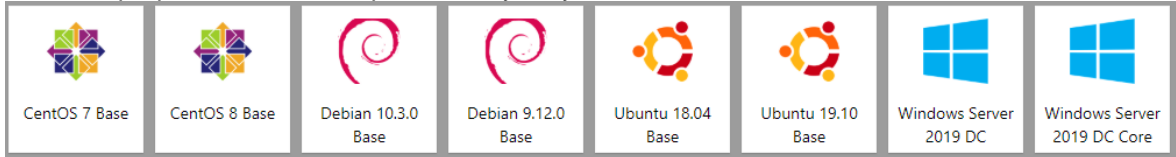
2.2 LOGGING IN

Go to <https://cirrus.swisstxt.cloud> or click 'Log in' on the registration screen. Log in using your registered e-mail address and password:



2.3 CREATING A VIRTUAL MACHINE (VM)

We have prepared several templates ready for you to use. Please choose one:



The default root volume size is 30 GB, but you can change it. Please select your volume size and enter a name for the volume:

Network configuration

A network configuration has been defined by your administrator for this application. If this network configuration doesn't already exist, a new network will be created and the application instance will be deployed in it, otherwise the application instance will be deployed in the existing configured network. By default, no outgoing traffic is allowed and consequently deployed application instances won't access the Internet. You can modify these rules either in the "Advanced mode" or by contacting your administrator.

Price estimation

Hourly prices are estimated upon the following resources prices: compute offering, disk offering, network offering (either shared or dedicated), template, and a GB (you can click on the editable field to modify the root volume size value). You can refer to the Service catalog > IT Resources menu to see each of the individual resource prices.

> Tiny Instance

Instance name

The instance name is invalid. It must consist only of letters, digits, and dashes. It must start with a letter and end with a letter or a digit. Length between 3 and 63 characters.

CHF 0.04/h
 CHF 28.83 for this month, CHF 31.53/month (save 0%)

Launch

> Small Instance

CHF 0.05/h
 CHF 35.19 for this month, CHF 38.48/month (save 0%)

Launch

> Medium Instance

Instance name

CHF 0.13/h
 CHF 87.21 for this month, CHF 95.37/month (save 0%)

Launch

> Large Instance

Instance name

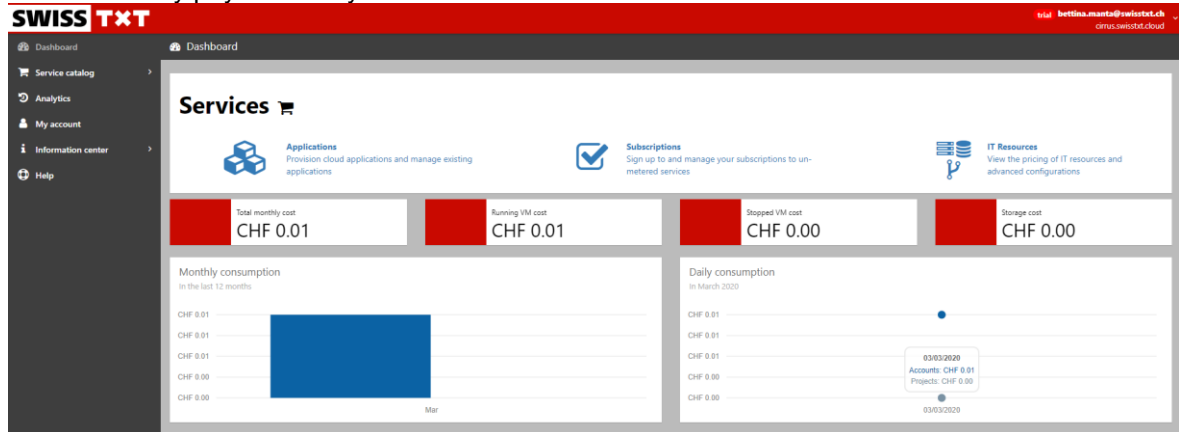
CHF 0.20/h
 CHF 138.00 for this month, CHF 150.91/month (save 0%)

Launch

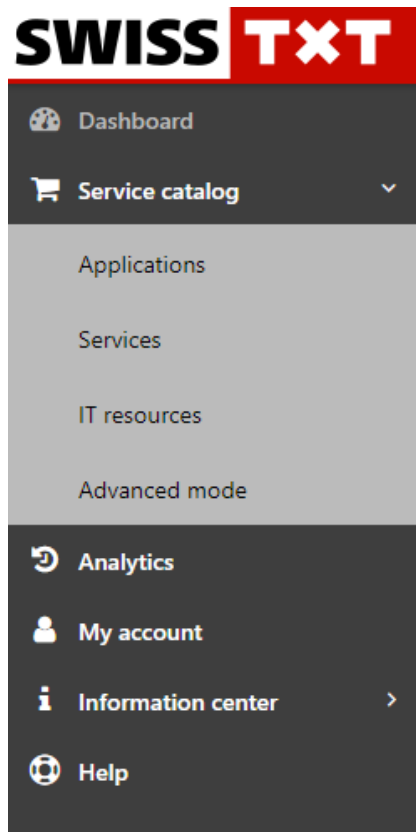
3. FEATURES AT A GLANCE

3.1 DASHBOARD

The Dashboard gives you an overview of all the services you are using and what you are paying for them. You only pay for what you use:



3.2 NAVIGATION



3.2.1 SERVICE CATALOGUE

APPLICATIONS

Here you can find the operating system templates (CentOS, Debian, Ubuntu, Windows) to help you create your virtual machines:

The screenshot shows a web interface for managing virtual machines. It is divided into two main sections: 'Available applications' and 'Application's current instances'.

Available applications: This section features a search bar and a dropdown menu for 'Category (all)'. Below, there are eight application cards, each with a logo and name: CentOS 7 Base, CentOS 8 Base, Debian 10.3.0 Base, Debian 9.12.0 Base, Ubuntu 18.04 Base, Ubuntu 19.10 Base, Windows Server 2019 DC, and Windows Server 2019 DC Core.

Application's current instances: This section includes a dropdown for '25' items and a search bar labeled 'Filter'. Below is a table with columns for 'Item name' and 'State'.

Item name	State	Action
win-demo	Running	Action
ubuntu-demo	Running	Action
cenOS-demo	Stopped	Action
debian-demo	Stopped	Action

You can also see the status of any machines you have already created (running, stopped).

You can create VMs yourself using a template or an ISO-file. To do this, go to 'Advanced Mode'.

Click on 'Action' to start/stop your application, change your password or view further details:

The screenshot shows a close-up of the 'Action' dropdown menu. The menu is open, displaying four options: 'Details' (with an information icon), 'Stop' (with a power icon), 'Delete' (with a trash icon), and 'Reset Password' (with a lock icon).

Clicking on 'Details' will allow you to see your password, IP address, port number, and how much you are being charged for your application:

← Back

Instance name win-demo Running

App name Windows Server 2019 DC

General

Option name	Small Instance	Provisioned since	03.03.2020 10:26:34
Pricing type	Usage-based hourly pricing	Price	CHF 0.05/h
Category	Windows	Type of access	RDP (remote desktop)

Access

Address	rdp://185.27.108.222	Password	UR5a5XYY5hUJ5M5W
----------------	----------------------	-----------------	------------------

Technical description

Compute	1 x 1.00 GHz CPU / 1.00 GB RAM	Disk	-
Template	Microsoft Windows Server 2019 Datacenter	Network	
Firewall rules	• Protocol: TCP Source: 0.0.0.0/0 Port: 3389		

SERVICES

On this screen you can add services provided by your IT partner, including applications supplied as Software as a Service (SaaS) such as SAP, Office, specialist applications, etc. This screen also shows you the monthly costs of these services.

Services for customers

25 ▾

Service	One-off price	Monthly recurring price	Subscribe
Total	CHF 0	CHF 0	

No entry to show.

IT resources

On this screen you will find an overview of the following services and how much you are paying for them:

Running VMs

Running VM		Stopped VM	Storage	Network	Template
25	Filter				
Resource	Price				
1 x 1.00 GHz CPU / 1.00 GB RAM	CHF/h 0.039144				
1 x 500 MHz CPU / 512.00 MB RAM	CHF/h 0.029813				
2 x 2.00 GHz CPU / 4.00 GB RAM	CHF/h 0.115612				
2 x 2.40 GHz CPU / 8.00 GB RAM	CHF/h 0.19026				
Showing 1 to 4 of 4 entries.		1			

Stopped VMs

Running VM	Stopped VM	Storage	Network	Template
25	Filter			
Resource	Price			
1 x 1.00 GHz CPU / 1.00 GB RAM	CHF/h 0.005873			
1 x 500 MHz CPU / 512.00 MB RAM	CHF/h 0.0029365			
2 x 2.00 GHz CPU / 4.00 GB RAM	CHF/h 0.017346			
2 x 2.40 GHz CPU / 8.00 GB RAM	CHF/h 0.028546			
Showing 1 to 4 of 4 entries.		1		

Storage

Running VM	Stopped VM	Storage	Network	Template
25	Filter			
Resource	Price			
Eco Storage	CHF/GB.h 0.000182			
ISO	CHF/GB.h 0.000182			
Medium Storage	CHF/GB.h 0.000249			
Performance Storage	CHF/GB.h 0.000419			
Root Volume	CHF/GB.h 0.000419			
Snapshot	CHF/GB.h 0.000182			
Template	CHF/GB.h 0.000182			
Showing 1 to 7 of 7 entries.		1		

Network traffic

Running VM Stopped VM Storage Network Template

25 Filter

Resource	Price
Bytes received	CHF/GB 0
Bytes sent	CHF/GB 0.0345
DefaultIsolatedNetworkOfferingForVpcNetworksWithInternalLB	CHF/h 0
DefaultL2NetworkOffering	CHF/h 0
DefaultL2NetworkOfferingConfigDrive	CHF/h 0
DefaultL2NetworkOfferingConfigDriveVlan	CHF/h 0
DefaultL2NetworkOfferingVlan	CHF/h 0
GuestVPN	CHF/h 0
GuestVPN-NAT	CHF/h 0
IP Address	CHF/h 0.020492
IsolatedNetworkOfferingForVpcNetworks	CHF/h 0
IsolatedNetworkOfferingForVpcNetworksNoLB	CHF/h 0
Load balancer policy	CHF/h 0
Port Forwarding Rule	CHF/h 0
QuickCloudNoServices	CHF/h 0
VPN User	CHF/h 0

Showing 1 to 16 of 16 entries.

Template costs

Running VM Stopped VM Storage Network Template

25 Filter

Resource	Price
CentOS 7.1908-x86_64 Base (Cirrus-EQ)	CHF/h 0
CentOS 8.1.1911-x86_64 Base (Cirrus-EQ)	CHF/h 0
Debian 10.3.0-x86_64 Base (Cirrus-EQ)	CHF/h 0
Debian 9.12.0-x86_64 Base (Cirrus-EQ)	CHF/h 0
Microsoft Windows Server 2019 Datacenter (Cirrus-EQ)	CHF/h 0
Microsoft Windows Server 2019 Datacenter Core (Cirrus-EQ)	CHF/h 0
Ubuntu 18.04.3-x86_64 Base (Cirrus-EQ)	CHF/h 0
Ubuntu 19.10-x86_64 Base (Cirrus-EQ)	CHF/h 0

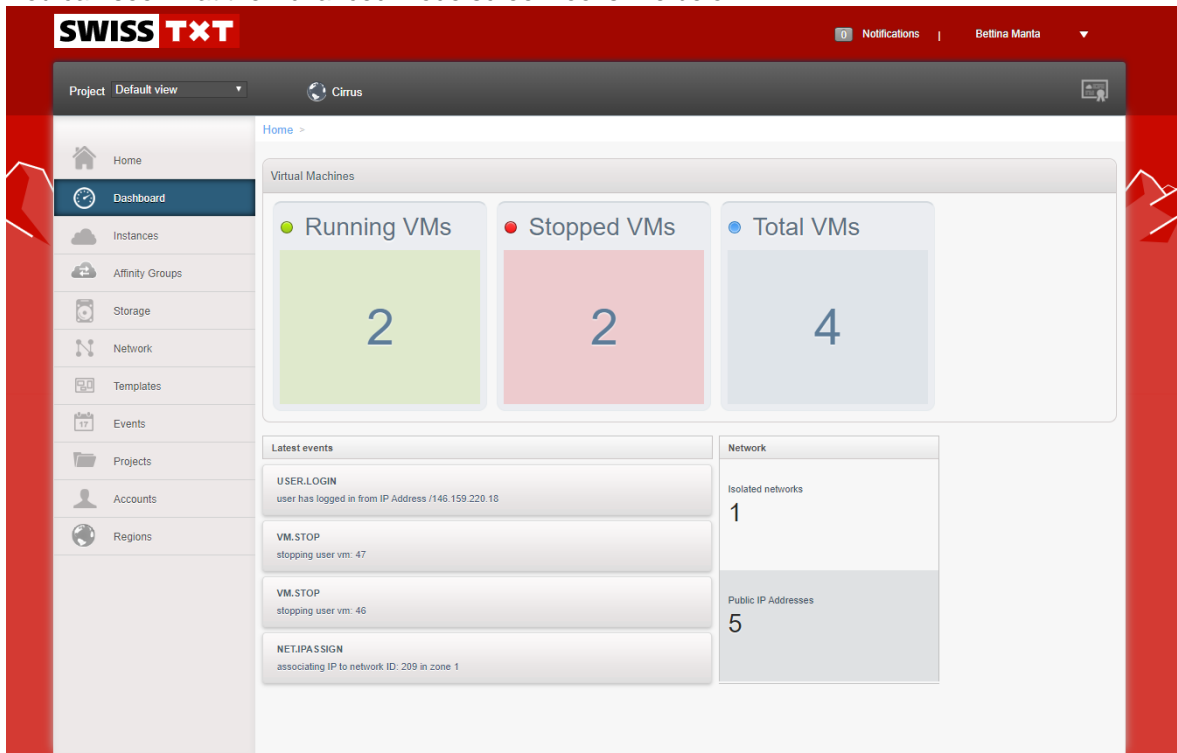
Showing 1 to 8 of 8 entries.

ADVANCED MODE

In advanced mode you can create your own instances/VMs and set up your environment just the way you want it. It allows you to set up and configure a huge range of items within your cloud environment, including:

- Resources
- Storage
- Applications
- User accounts
- Network traffic
- Templates (including creating your own templates)
- Billing rules
- Notifications

You can see what the Advanced Mode screen looks like below:



We won't go into the details of Advanced Mode in this manual, but if you have any questions or would like more information, please get in touch using the details in chapter 4.

Clicking on 'Home' will take you back to the Home screen.

3.2.2 ANALYTICS

Generate reports about your resource consumption and how much you're paying for it. You can export these reports as CSV files.

1 - Report type

Format View in browser Download a CSV file

Show Criteria Chart Details

2 - Time range

From To

3 - Service

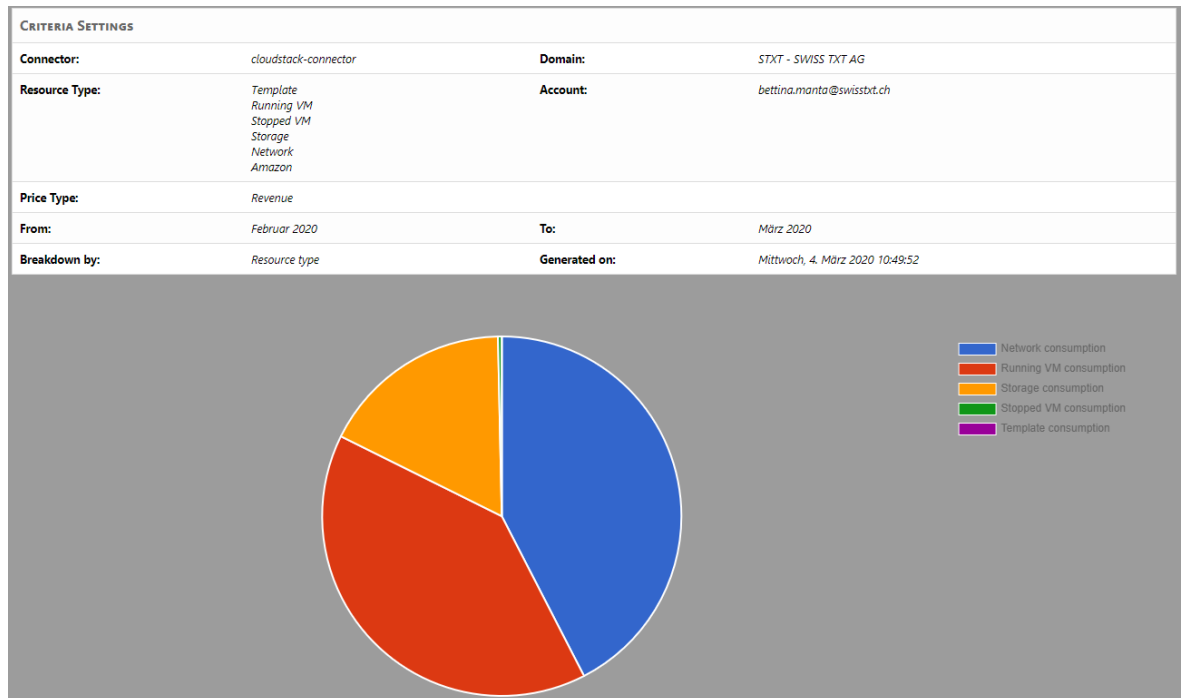
Service type Service item

4 - Filter

Application instance VM group

Breakdown by

[Generate](#)



Consolidated consumption				
Description				Amount
Template				CHF 0.00
Running VM				CHF 0.98
Stopped VM				CHF 0.01
Storage				CHF 0.43
Network				CHF 1.04
Total				CHF 2.46

Template consumption				
Description	AZ	Consumption	Unit price	Amount
CentOS 8.1.1911-x86_64 Base (cenOS-demo - ROOT-46)	Cirrus-EQ	0.73 h	CHF 0.00000000	CHF 0.00
Debian 9.12.0-x86_64 Base (debian-demo - ROOT-47)	Cirrus-EQ	0.72 h	CHF 0.00000000	CHF 0.00
Microsoft Windows Server 2019 Datacenter (win-demo - ROOT-42)	Cirrus-EQ	24.31 h	CHF 0.00000000	CHF 0.00
Ubuntu 18.04.3-x86_64 Base (ubuntu-demo - ROOT-45)	Cirrus-EQ	0.73 h	CHF 0.00000000	CHF 0.00
Total				CHF 0.00

Running VM consumption			
Description	Consumption	Unit price	Amount
1 x 1.00 GHz CPU / 1.00 GB RAM (ubuntu-demo)	0.73 h	CHF 0.03914400	CHF 0.03
1 x 1.00 GHz CPU / 1.00 GB RAM (win-demo)	24.30 h	CHF 0.03914400	CHF 0.95
Total			CHF 0.98

Stopped VM consumption			
Description	Consumption	Unit price	Amount
1 x 1.00 GHz CPU / 1.00 GB RAM (cenOS-demo)	0.70 h	CHF 0.00587300	CHF 0.00
1 x 1.00 GHz CPU / 1.00 GB RAM (debian-demo)	0.70 h	CHF 0.00587300	CHF 0.00
Total			CHF 0.01

Storage consumption				
Description	Capacity	Consumption	Unit price	Amount

3.2.3 MY ACCOUNT

Here you can change your account settings and view a range of details, including

- Account details
- Billing information
- Invoices
- Account status

The screenshot shows the 'MY ACCOUNT' dashboard. At the top, it displays the user's ID, company name (SWISS TXT AG), and contact information (bettina.manta@swisstxt.ch). The account status is 'Active' and 'Trial'. The payment method is 'Pre-paid'. Below this, there are three summary cards: 'Last invoice' (Net amount, Month, Discount), 'Last payment' (Amount, Date, Reference), and 'Current position' (Month to date amount: CHF 2.46, Discount rate to apply: 0.00%, Balance: CHF 100.00). A navigation bar includes 'Account statement', 'Invoices', 'Account details', 'Taxes', 'Budget', 'Trial details', and 'Status'. Below the navigation bar is a table with columns for Transaction date, Transaction description, Credit (CHF), Debit (CHF), and Balance (CHF). The table shows one entry: 03/03/2020, initial trial credit, 100.00, 100.00. A red arrow points to the '1' in the pagination controls.

UPGRADING TO THE FULL SYSTEM

NB: If you choose to upgrade to a fully-featured account, your trial credit will be lost and you will be charged for using the system.

The screenshot shows the 'Trial details' section. It displays 'Trial credit' information: Total amount supplied (CHF 100.00) and Remaining amount (CHF 97.58). It also shows 'Trial duration' information: Duration (20 days), Start date (03/03/2020), and End date (03/23/2020). At the bottom, there is a 'Trial termination' section with a blue button labeled 'Switch to real mode'. A red arrow points to this button.

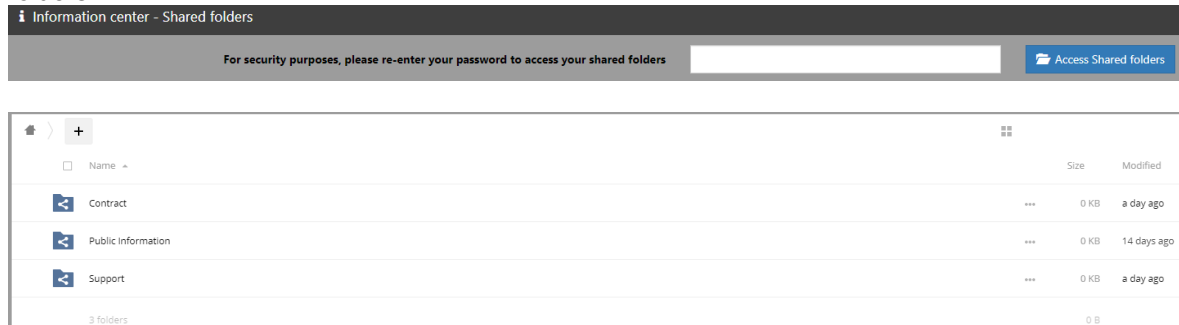
Click on 'Upgrade to full system'. Any remaining credit for your trial period will be lost.

3.2.4 INFORMATION CENTRE

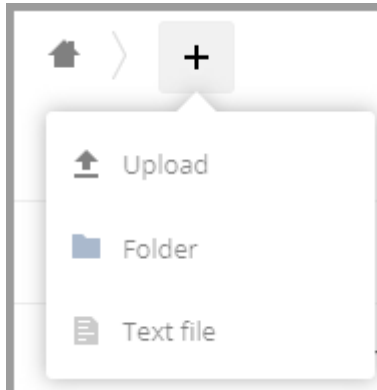
SHARED FOLDERS

Shared folders are based on ownCloud (<https://owncloud.org/>). This is where you can find public information. Shared folders let you exchange files with your customers, IT partners, administrators, etc.

For security reasons, you will be asked to re-enter your password before you can use the shared folders.



Click on the add button to create folders or text files, or to upload files:



TERMS AND CONDITIONS

The SWISS TXT general terms and conditions for IT Services (works contract) apply. The conditions are available to download as a PDF.

HELP

General information about Amysta and CloudStack is available to download as a PDF.

4. **QUESTIONS? PLEASE GET IN TOUCH!**

Your Point of Contact:



BETTINA MANTA

Service & Sales Manager

T +41 32 329 21 72

|

bettina.manta@swisstxt.ch

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