SEPAGO VALUE ADD PRODUCTS FOR WINDOWS VIRTUAL DESKTOP

sepago®

Efficient cloud desktops with smart management, analysis & optimization products

With sepago products, you can:

- analyze areas where the performance of your Windows Virtual Desktop environment can be improved.
- enable users to start and deallocate their own personal VDIs running in WVD.
- control WVD resources on demand and save costs.
- configure and manage your Windows Virtual Desktops efficiently.

Our Products:

**sepago
AZURE Monitor
for WVD**

**sepago
AZURE Autoscale
for WVD**

**sepago
AZURE VDI-Starter
for WVD**

sepago Azure Monitor for WVD is a powerful monitoring and analysis tool, that automatically collects, analyzes and combines key metrics from Microsoft or Citrix-based remote desktop environments. It is available in two different versions:

- **Azure Monitor for Windows Virtual Desktop or**
- **Azure Monitor for Citrix Environments**

YOUR BENEFITS:

Based on the data provided from the analysis, your IT department will collect valuable information about the performance status of your IT infrastructure. Examples of data collected and provided are as follows:

- How high is the CPU utilization in your corporate network?
- Are there any trends in user activity, such as load peaks?
- How much storage space has been utilized?
- How do performance indicators such as bandwidth, latency and transfer volume vary? Are tresholds exceeded?
- Is the network stable or do network anomalies occur?

sepago Azure Monitor Dashboard

Bandwith and Latency by session host and by user

Applications and users

The relationship between users, applications, and resources is important to be monitored. No longer used, but licensed apps can save money if the license is decreased. An increase of CPU or memory usage of an application after an update can cause a resize of the sizing - even if administrators know the number of users using this app. Running the monitoring over a full year can reveal sessional usage of apps and more.

Application usage

A summary of the most important features:
The sepago Azure Monitor for WVD or Citrix Environments

- provides a detailed data analysis also for historical data, which could help to determine previous incidents.
- requires no infrastructure, such as dedicated servers.
- less impact to the session hosts.
- can anonymize user names.
- stores and analyzes its data in Azure.

Scales and Prices

Volume Band	Price per user per month in EURO	Price per user per month in USD
up to 499	0,60 EURO	0.66 USD
500 - 999	0,54 EURO	0.59 USD
1.000 – 4.999	0,52 EURO	0.57 USD
5.000 – 9.999	0,50 EURO	0.55 USD
from 10.000	0,46 EURO	0.50 USD

Licensing and Reporting

The licensing is based on the actual amount of active, unique users per month. After the initial order, sepago will transmit a license key for the required amount of users, plus some additional ones, as a buffer. The usage is either transmitted automatically for invoicing, or can be done manually on demand.

Only pay for cloud services that you actually use. sepago Azure Autoscale is a cloud-based central control tool for your cloud resources. It is available for:

- **Windows Virtual Desktop**

- **Citrix Virtual Apps and Desktops running in Azure as IaaS (without Citrix Cloud)**

With the help of AI, sepago Azure Autoscale will learn and adapt to the behaviour of your users, so it can actively log sessions on or off at the right time.

YOUR BENEFITS:

- **Preventive:** Predict and prepare the right amount of VMs that need to be available before your users log on.

- **Scalable:** Based on actual workload information gathered in the past, the system has learned to scale the number of VM sessions that will be required.

- **Flexible:** Intelligent linking of data in Azure Autoscale, enables you to take weekends and holidays, with a natural shift in workloads, into account as well.

- **Effective:** Users which are disconnected from the system will be actively logged off according to predefined rules.

- **Cost-saving:** Only the cloud resources currently in use are charged. The virtual machines in the cloud environment will be charged as „pay for what you use", rather than „time only based".

sepago Azure Autoscale Dashboard

Typical logon behavior

Active and disconnected sessions and the amount of workers
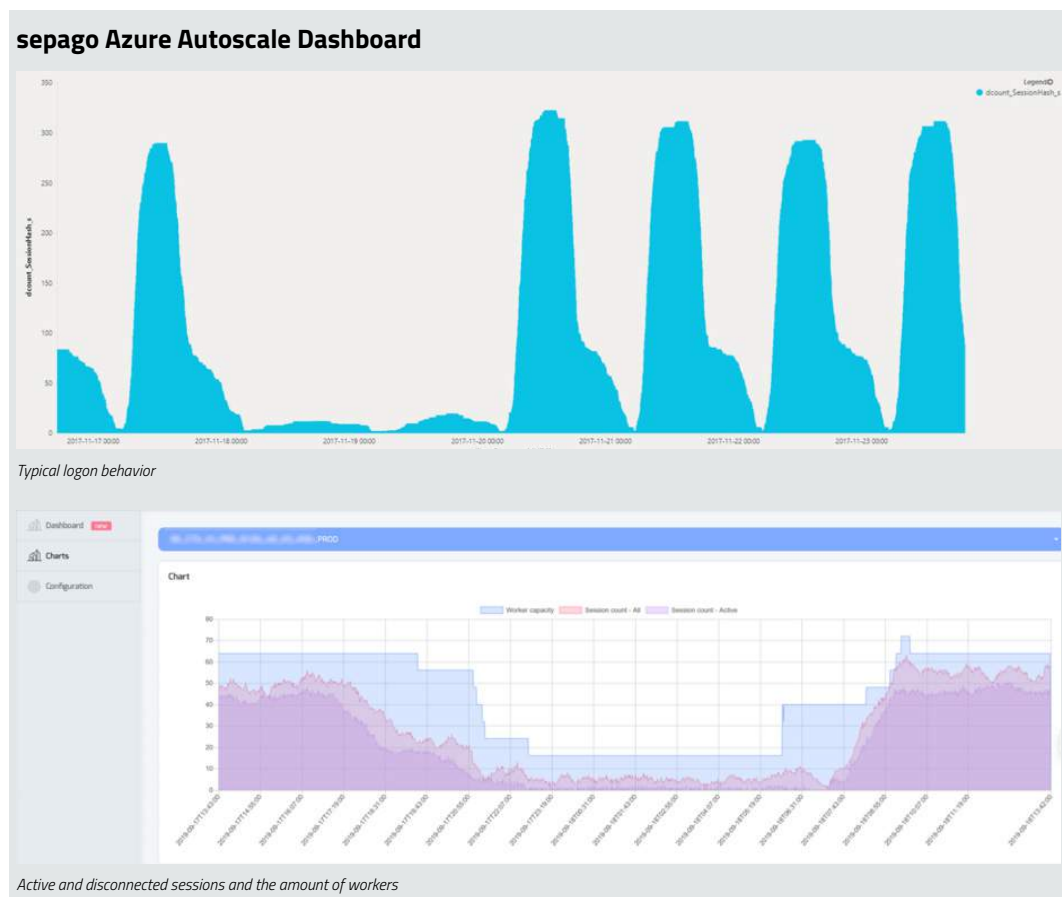
How does it work

Azure Autoscale gets information from the session host called "workers". This data includes information about connected/disconnected sessions, the actual load of the workers and additional information. This data is summarized by the Control Unit, which starts and also deallocates workers, in alignment with the current and expected usage of your environment. Over time, your Control Unit learns to predict the session count for the next time and can pre-start the expected number of workers. With this predictive analytics, you have a sufficient number of workers running when your users start to log on (to handle a „log on storm").

All scaling activities are on a "per host pool" / "delivery group" base.

Azure Autoscale based on Azure platform services:
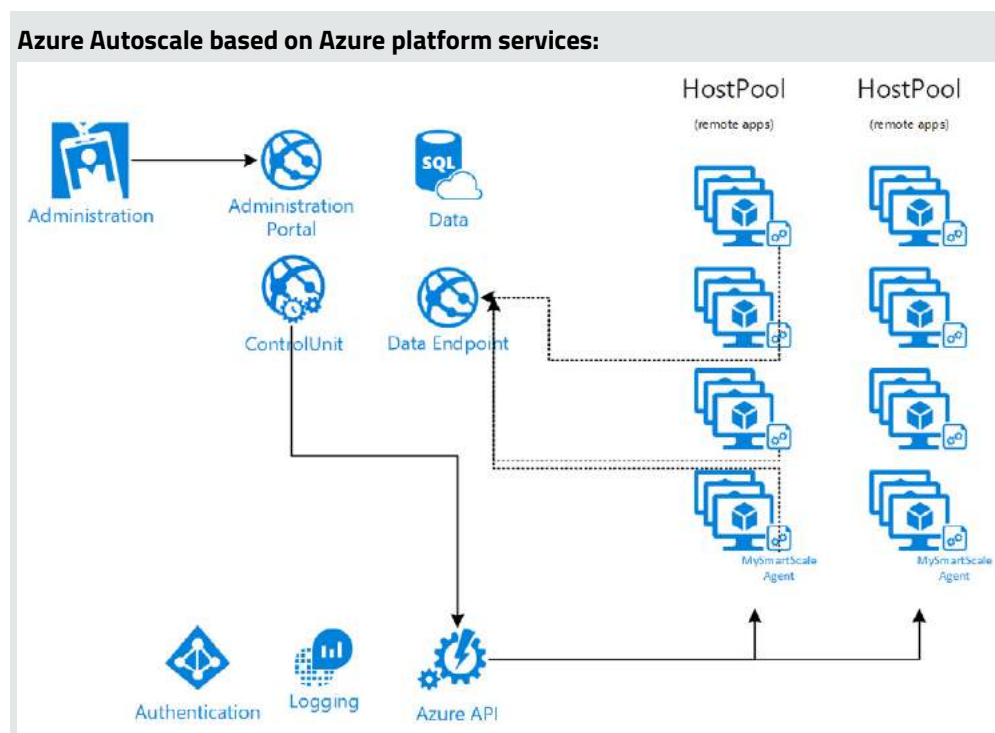
Scales and Prices

Volume Band	Single price per managed session host per month in EURO	Single price per managed session host per month in USD
up to 99	15,00 EURO	16.50 USD
100 - 199	13,80 EURO	15.18 USD
200 - 399	13,20 EURO	14.52 USD
400 - 599	12,90 EURO	14.19 USD
from 600	12,30 EURO	13.53 USD

Licensing and Reporting

The licensing is based on the actual amount of VMs actively started with Azure Autoscale per month. The usage is automatically reported for invoicing.

The sepago VDI Starter for WVD is a self-service portal which allows users to independently start and deallocate their own personal VDIs running in Windows Virtual Desktop.

YOUR BENEFITS:

- Users can easily log on to the web app using their Azure AD credentials.
- To avoid unnecessary costs, the individual VDIs are deallocated automatically, once they are not in use anymore.
- Cost savings up to 60% or higher.

sepago Azure VDI Starter for WVD Dashboard
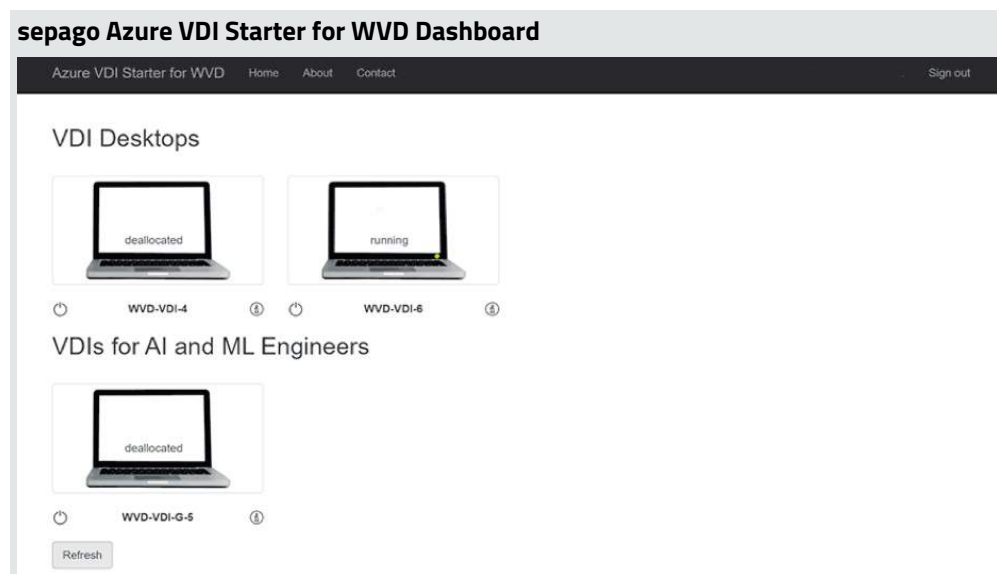
Scales and Prices

Volume Band	Single price per license* per month in EURO	Single price per license* per month in USD
1 - 10	4,00 EURO	4.40 USD
11 - 50	3,76 EURO	4.14 USD
51 - 100	3,64 EURO	4.00 USD
101 - 250	3,36 EURO	3.70 USD
251 - 500	3,08 EURO	3.39 USD
501 - 750	2,80 EURO	3.08 USD
751 - 1.000	2,52 EURO	2.77 USD
1.001 - 2.000	2,40 EURO	2.64 USD
2.001 - 5.000	2,28 EURO	2.51 USD

active unique user in a month

Licensing and Reporting

The licensing is based on the actual amount of VMs actively started with Azure Autoscale per month. The usage is automatically reported for invoicing.

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If you have any more queries or would like a demonstration, please feel free to contact our Team!

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