

# Webinar: Citrix Cloud - 02.09.2021



# Herzlich willkommen.



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# Agenda

1. Übersicht Citrix Cloud und Microsoft Azure
2. Citrix Virtual Apps and Desktops Cloud Service
3. Der Weg in die Citrix Cloud
4. Fragen

Demo!

# Citrix Cloud / Microsoft Azure



# Microsoft Azure

- Public Cloud Computing Platform
- IaaS / PaaS / DaaS / SaaS
- Virtual Computing, Storage, Networking, Analytics, IoT, Apps, u.v.v.m.



# Citrix Cloud

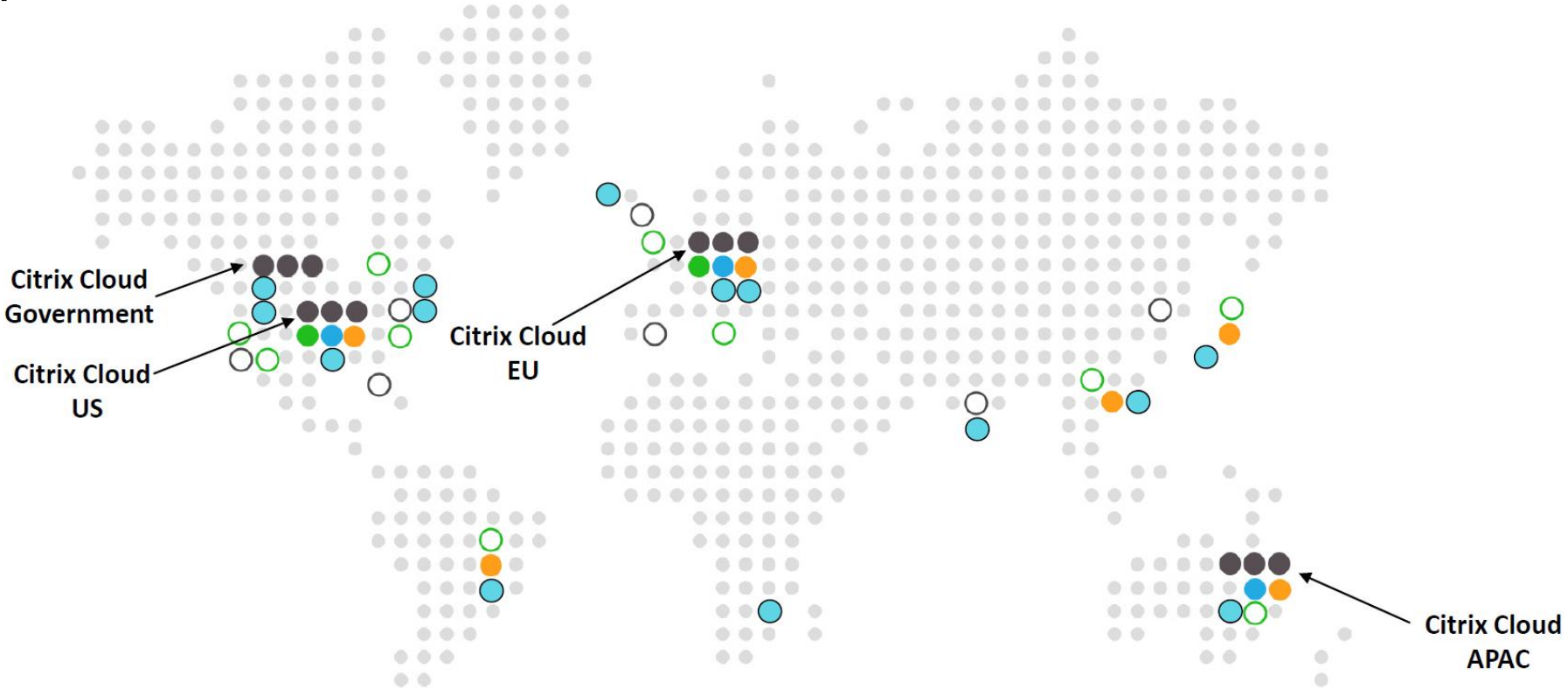
- PaaS
- Citrix Produkte as-a-service
- Citrix verwaltet BackEnd-Infrastruktur
- Kunde verwaltet Services
- Klassische Vorteile einer Cloud-Lösung



# Citrix Cloud



# Citrix Cloud



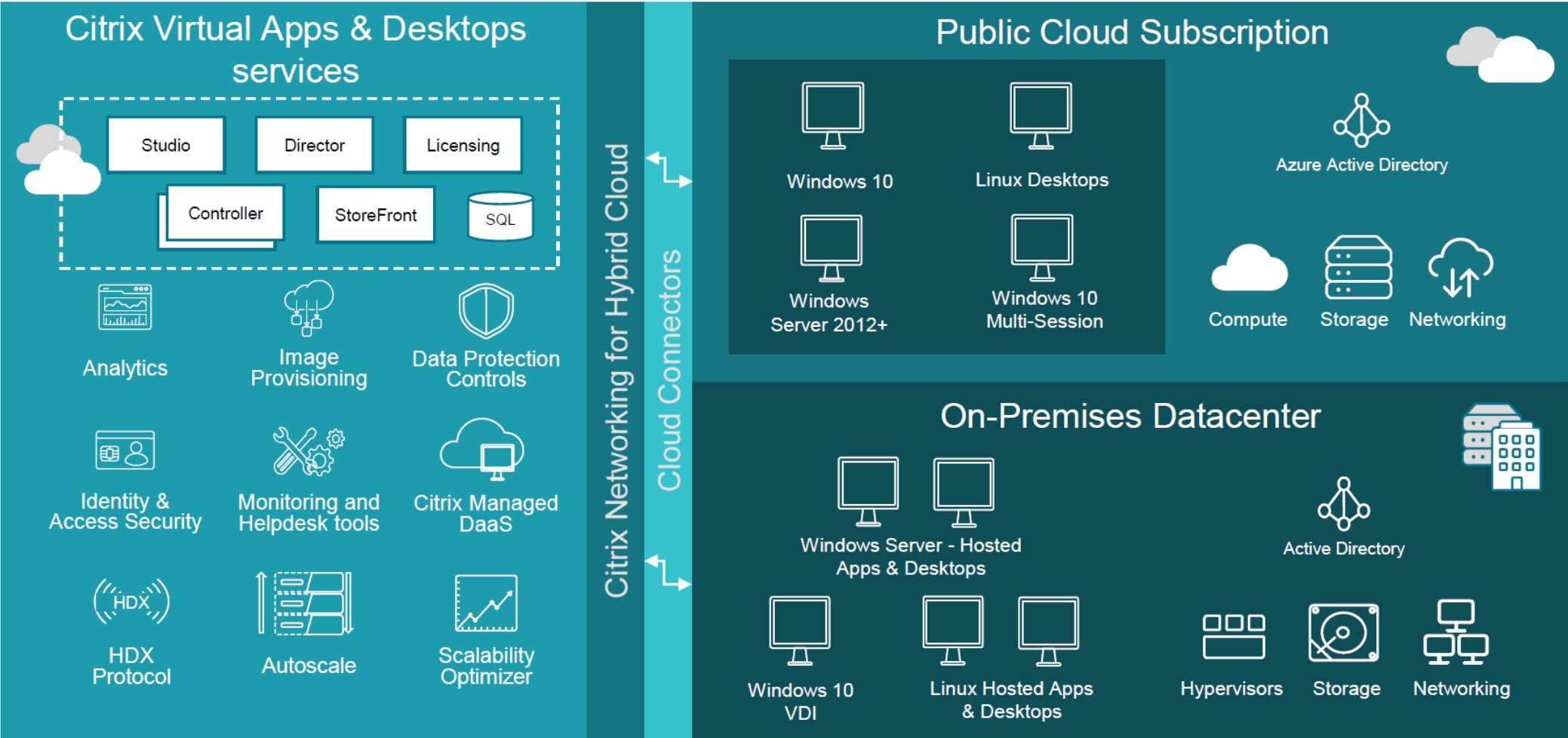
- Virtual Apps and Desktops
- Unified Endpoint Management
- Content Collaboration
- Gateway Service PoP
- ShareFile StorageZone
- Cloud Platform
- Cloud Operations



# Citrix Virtual Apps and Desktops (CVAD) Cloud Service – Komponenten

Components	Traditional (On-Prem)	CVAD Service
<b>Delivery Controllers</b>	Manual Configuration	<i>As a Service</i>
<b>SQL Server</b>	Manual Configuration	<i>As a Service</i>
<b>Licensing Server</b>	Manual Configuration	<i>As a Service</i>
<b>Citrix Gateway</b>	Manual Configuration	<i>As a Service</i>
<b>Studio and Director</b>	Manual Configuration	<i>As a Service</i>
<b>Citrix Cloud Connectors</b>	<i>Not Required</i>	Manual Configuration – <i>Updates As a Service</i>
<b>Server and Desktops VDA</b>	Manual Configuration	Manual Configuration

# CVAD Cloud Service – Architektur



# CVAD Cloud Service – Unterstützte Cloud Varianten

## Unterstützte Public Clouds



## Unterstützte Hypervisors für On-Prem oder Private Cloud

- Citrix Hypervisor
- Microsoft SCVMM
- VMware vSphere

### Add Connection and Resources

1 Connection  
2 Storage Manageme...  
3 Storage Selection  
4 Network  
5 Scopes  
6 Summary

Use an existing connection

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Create a new connection

Connection type:

Connection address:

User name:

Password:

Zone name:

Connection name:

Create virtual machines using:

Citrix provisioning tools (Machine Creation Services or Citrix Provisioning)

Other tools

Citrix Hypervisor®

Citrix Hypervisor®

Microsoft® System Center Virtual Machine Manager

VMware vSphere®

Google Cloud Platform

Microsoft® Azure™

Amazon EC2

Citrix Managed Azure

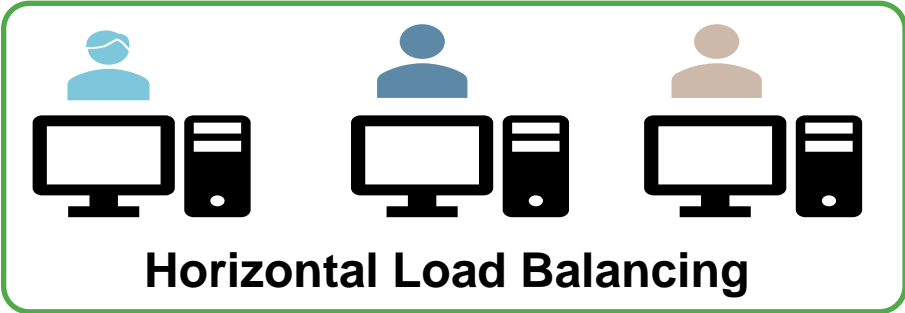
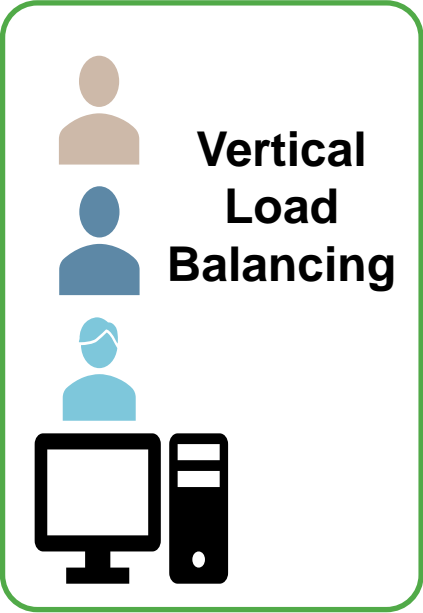
## CVAD Cloud Service – Vorteile

- Evergreen
  - Alle Komponenten werden gepatched und aktualisiert durch das Citrix Cloud Ops Team (Ausnahme VDA)
  - Immer aktuellste Security Updates
- Support durch Citrix immer gewährleistet, da immer unterstützte Version installiert ist
- Die neusten Features und Funktionen sind immer zuerst in der Cloud verfügbar
- Es können Public Cloud Ressourcen wie auch On-Prem Infrastruktur miteinander verwaltet werden (Hybrid Cloud Deployments)
- Updates werden in Wellen verteilt («Canary Model») – Kunde wählt, in welcher Welle er die Updates erhalten möchte
- Kosten und Aufwand für Unterhalt der On-Prem Citrix Infrastruktur reduziert sich

# CVAD Cloud Service – Optimierung mit Autoscale (Citrix Cloud only Feature)

- Virtuelle Maschinen werden automatisch eingeschaltet, wenn zusätzliche Ressourcen benötigt werden
- oder ausgeschaltet, wenn die benötigten Ressourcen wieder abnehmen
- Dynamisches Provisioning – Maschinen werden bei Bedarf erstellt oder auch wieder gelöscht, dadurch können zusätzlich Storage-Kosten in der Cloud eingespart werden
- Kann für Public Cloud, On-Premises Data Centers oder Private Clouds eingesetzt werden

# CVAD Cloud Service – Vertical and Horizontal Load Balancing



The screenshot shows the Citrix Virtual Apps and Desktops Standard for Azure management console. The 'Settings' page is open, with a sidebar menu on the left containing options like Search, Machine Catalogs, Delivery Groups, Applications, Policies, Logging, Administrators, Hosting, StoreFront, Zones, and Settings (highlighted in yellow). The main content area shows settings for all resources, including 'Enable automatic assignment of multiple users for Remote PC Access', 'Enable DNS resolution', and 'Load balance multi-session catalogs'. The 'Load balance multi-session catalogs' section is highlighted with a red box and contains two radio button options: 'Vertical load balancing' and 'Horizontal load balancing' (which is selected).

**Settings**  
The following settings apply to all resources.

**Enable automatic assignment of multiple users for Remote PC Access**  
Turn this setting on if you want to automatically assign multiple users to the next unassigned machine. Turn it off if you want to restrict the automatic assignment to a single user.

**Enable DNS resolution**  
Turn this setting on when enabling the Rendezvous protocol that lets HDX sessions bypass the Citrix Cloud Connector and connect directly and securely to the Citrix Gateway service.

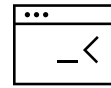
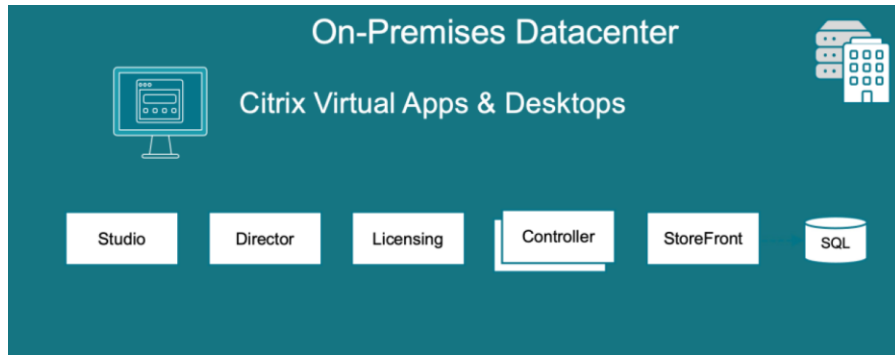
**Load balance multi-session catalogs**  
Select the load balancing option that meets your needs. This setting applies to all your catalogs.

- Vertical load balancing  
Sessions maximize powered-on machine capacity and save machine costs. For example, if you have two machines configured for 10 sessions each, the first machine handles the first 10 concurrent sessions. The second machine handles the eleventh session.
- Horizontal load balancing  
Sessions are distributed among powered-on machines. For example, if you have two machines configured for 10 sessions each, the first machine handles five concurrent sessions and the second machine handles five.

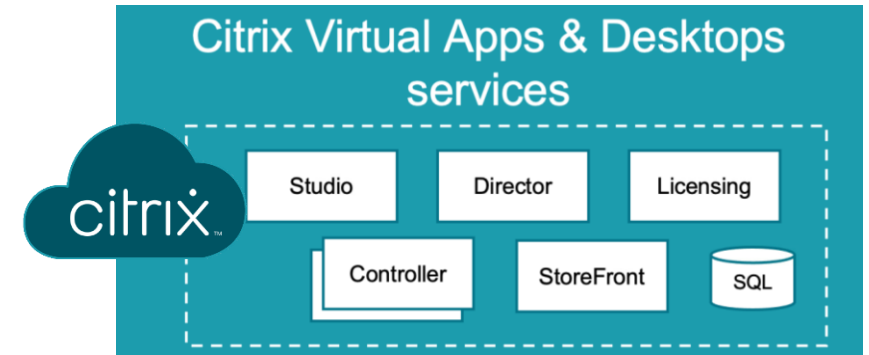
# Citrix Virtual Apps and Desktops Cloud Service

Demo - Citrix Cloud CVAD

# Der Weg in die Citrix Cloud (CVAD Service)



Automated  
Configuration  
Tool



- ✓ Machine Catalogs
- ✓ Apps
- ✓ Policies
- ✓ Permissions
- ✓ etc.



# Der Weg in die Citrix Cloud (CVAD Service)



«Hybrid Rights» = Parallele Nutzungsrechte

im eigenen Tempo in die Cloud

Besten Dank! Stellen Sie uns Ihre Fragen.



Weitere Infos:  
[bechtle.com/ch](https://bechtle.com/ch)

# Vorschau.



- 08.09.2021      Webinar: Veeam & Bechtle: Kasten K10
- 16.09.2021      Webinar: IoT/AI im Produktionsumfeld
- 21.09.2021      Webinar: Azure Readiness – Azure DevTest Lab
- 21.10.2021      Webinar: Nutanix Update

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