

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

Citrix Cloud / Microsoft Azure



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

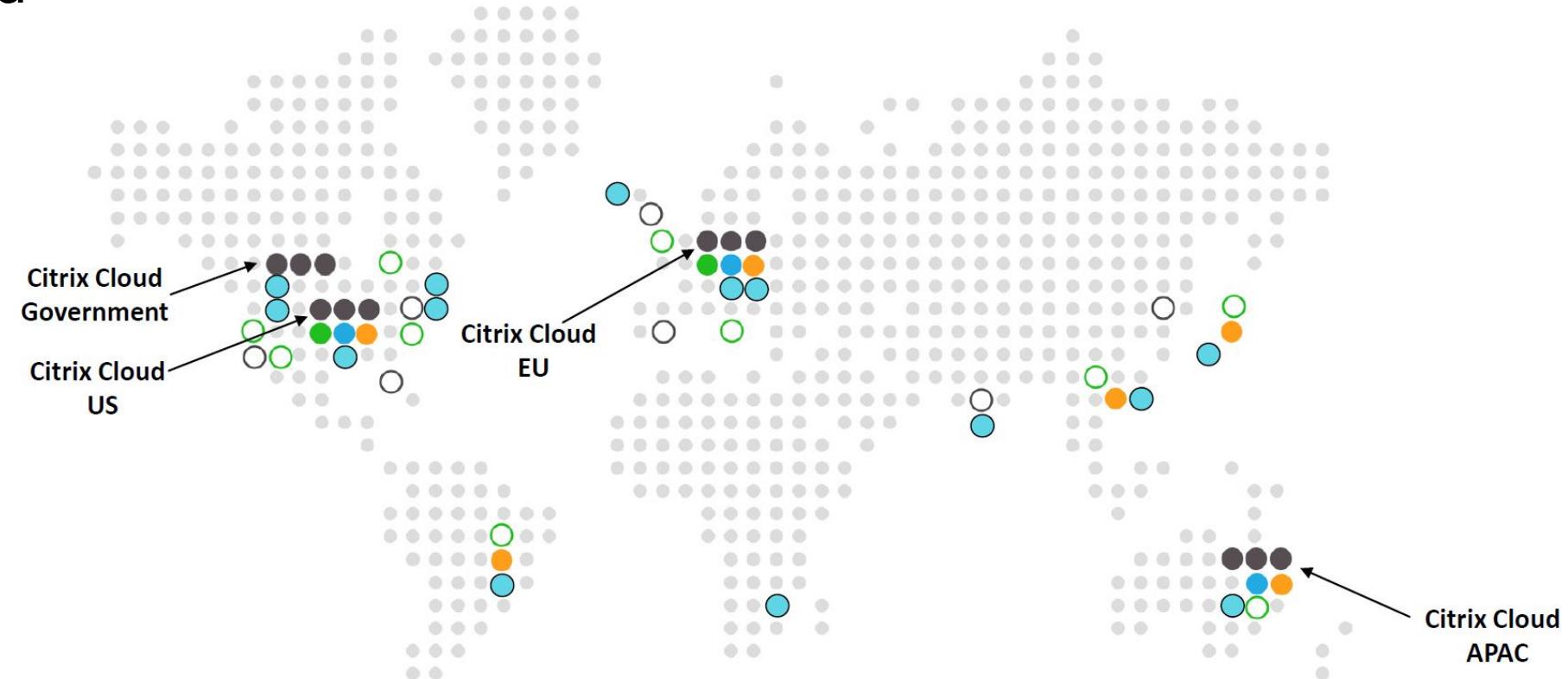
- PaaS
- Citrix Produkte as-a-service
- Citrix verwaltet BackEnd-Infrastruktur
- Kunde verwaltet Services
- Klassische Vorteile einer Cloud-Lösung



Citrix Cloud



Citrix Cloud



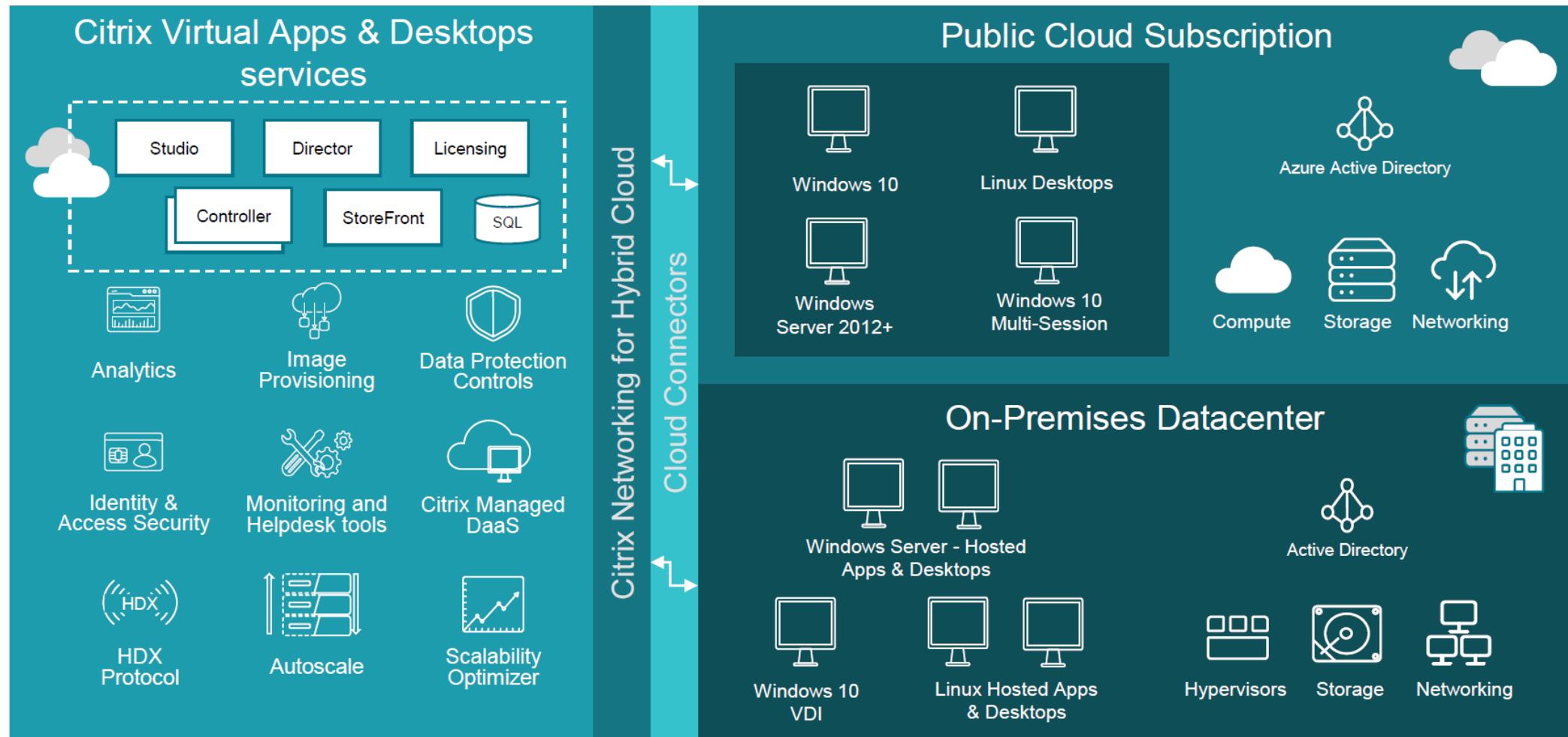
- A horizontal bar chart showing the relative size of various Microsoft cloud services. The services are represented by colored circles of varying widths:

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

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

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

Connection

Use an existing connection
Bechtle_Solingen_Azure

Create a new connection

Connection type:
Citrix Hypervisor®

Connection address:
Citrix Hypervisor®

User name:
Microsoft® System Center Virtual Machine Manager

Password:
VMware vSphere®

Zone name:
Google Cloud Platform

Connection name:
Microsoft® Azure™

Amazon EC2

Citrix Managed Azure

Create virtual machines using:

Citrix provisioning tools (Machine Creation Services or Citrix Provisioning)

Other tools

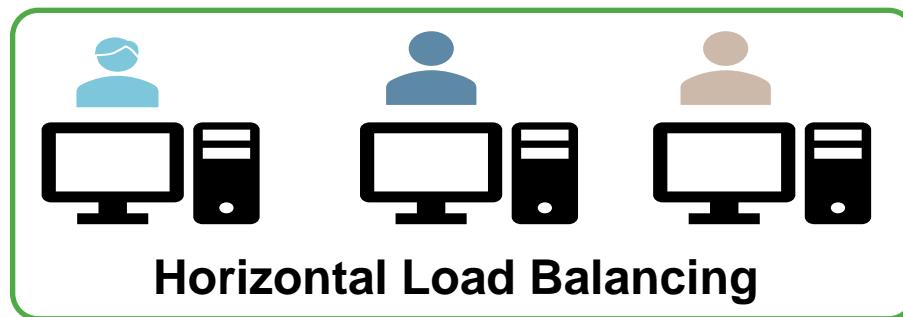
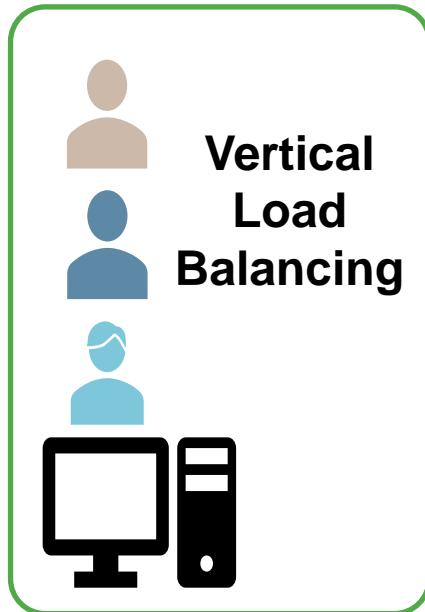
CVAD Cloud Service – Vorteile

- 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 interface. The left sidebar includes options like Search, Machine Catalogs, Delivery Groups, Applications, Policies, Logging, Administrators, Hosting, StoreFront, Zones, and Settings. The Settings section is currently selected. It contains three configuration items:

- Enable automatic assignment of multiple users for Remote PC Access**: A note explaining that turning this setting on allows multiple users to be assigned to the same unassigned machine.
- Enable DNS resolution**: A note explaining that enabling this setting lets HDX sessions bypass the Citrix Cloud Connector and connect directly to the Citrix Gateway service.
- Load balance multi-session catalogs**: A note explaining that this setting applies to all catalogs and allows selecting a load balancing option.

The "Load balance multi-session catalogs" section is highlighted with a red border, and the "Horizontal load balancing" option is selected with a blue radio button and highlighted with a red box.

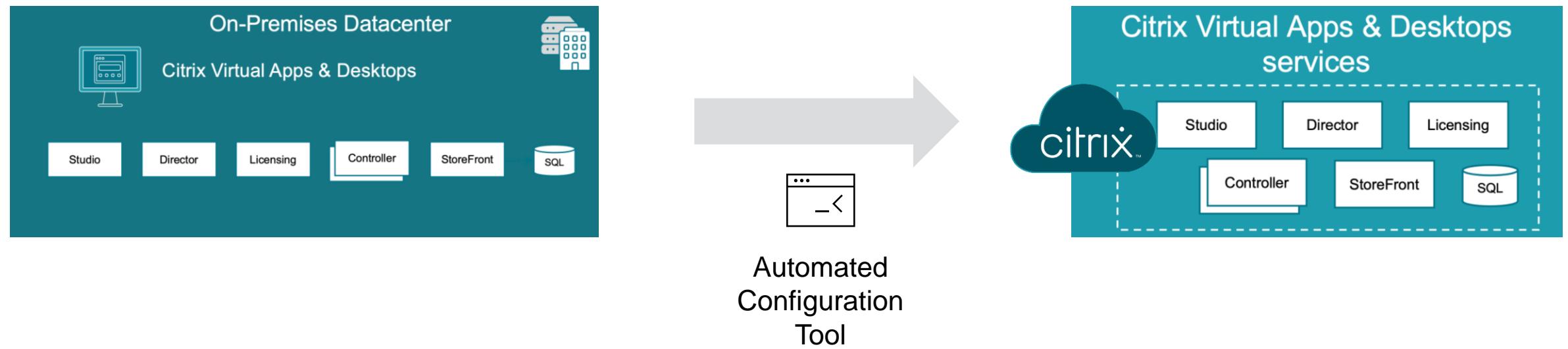
Vertical load balancing
Sessions maximize powered-on machine capacity and save machine costs. For example, if you have two machines configured for 10 sessions each, the first machine handles the first 10 concurrent sessions. The second machine handles the eleventh session.

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)



- ✓ 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:
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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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