

delaware

Windows Virtual
Desktop

WVD



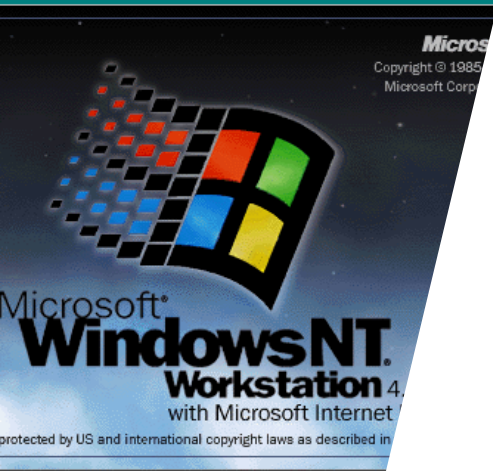
“Our industry does not respect tradition. What it respects is innovation.” - Satya Nadella



VDI

Virtual Desktop
Infrastructure





VDI

Virtual Desktop Infrastructure

- > Oldschool
- > Infrastructure managed by IT department itself
- > Difficult to manage
- > Locally available (privately hosted data center)
- > CapEx cost (CAL licensing, ...)

- > Examples:
 - > RDS, Citrix Workspace, Hyper-V, VirtualBox, VMWare Horizon, ...

DaaS (= WVD)

Desktop as a
Service





DESKTOP AS A SERVICE

What is DaaS?

- › Progressive / Innovative
- › Infrastructure managed by a service provider (i.e. Azure)
- › Easy maintenance by IT department
- › Globally available (Public Cloud)
- › OpEx cost
- › Examples:
 - › Windows Virtual Desktop (WVD), Citrix - Managed Desktops, ...

WVD

Windows Virtual
Desktop





WVD

Windows Virtual Desktop

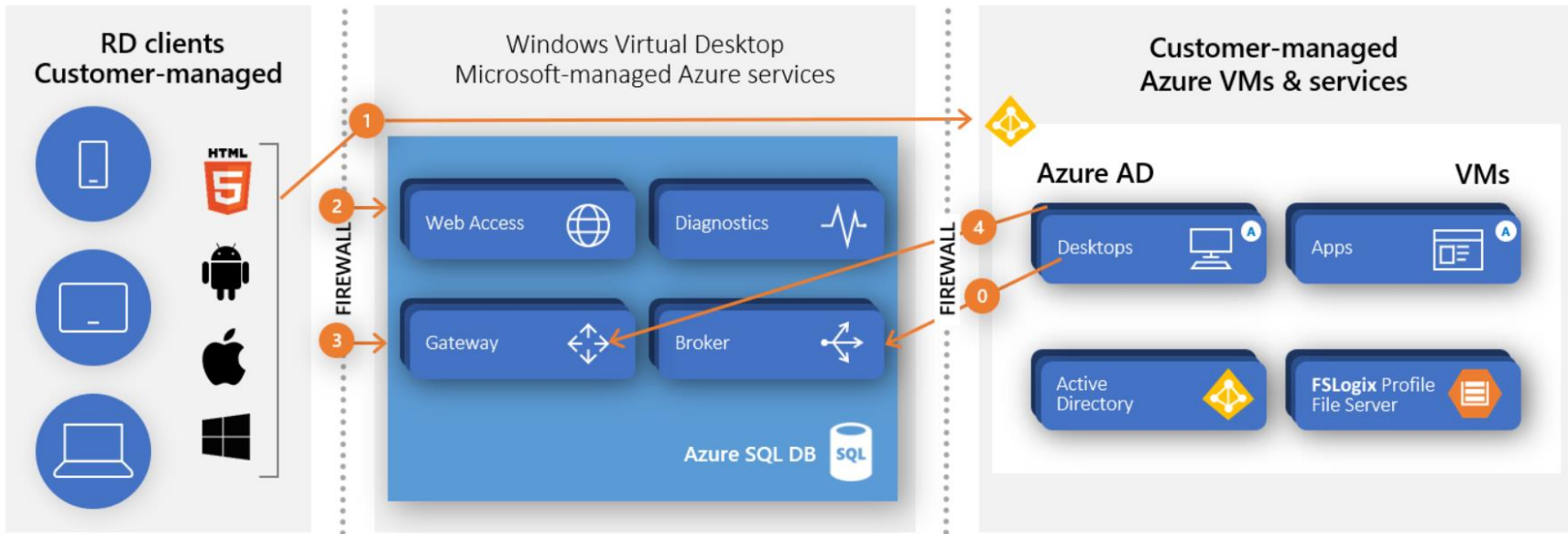
- › = DaaS solution on top of the MS Azure Public Cloud
- › The only true Windows 10 multi-user experience
- › Both Full Desktops and RemoteApps
- › Support for OneDrive and O365 (including Teams)
- › Easy licensing (included in E3 / E5 / ...)
- › High security (Azure Front Door reverse connect, no 3389)

- › Free extended support for W7 (after EoL 14/01/2020)

- › 6x userbase increase during COVID-19

WVD

Traffic flow



Network requirements

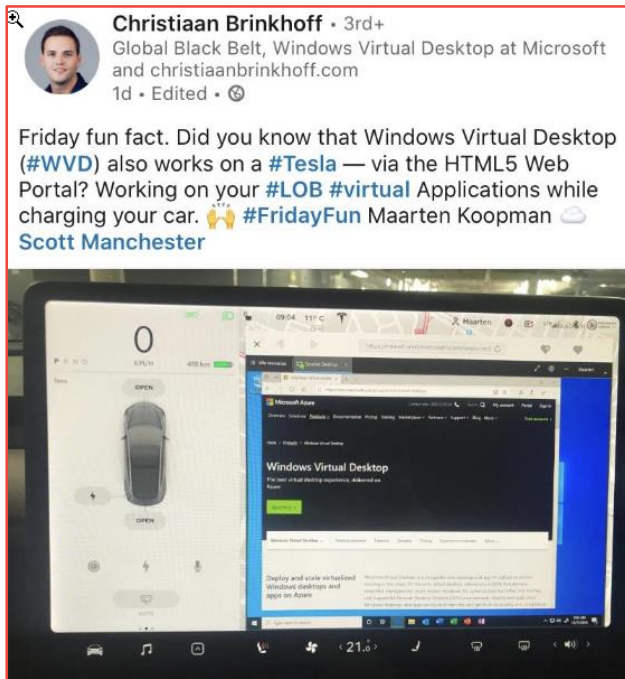
Address	Outbound TCP port	Purpose	Service Tag
*.wvd.microsoft.com	443	Service traffic	WindowsVirtualDesktop
mrsglobalsteus2prod.blob.core.windows.net	443	Agent and SXS stack updates	AzureCloud
*.core.windows.net	443	Agent traffic	AzureCloud
*.servicebus.windows.net	443	Agent traffic	AzureCloud
prod.warmpath.msftcloudes.com	443	Agent traffic	AzureCloud
catalogartifact.azureedge.net	443	Azure Marketplace	AzureCloud
kms.core.windows.net	1688	Windows activation	Internet



Devices

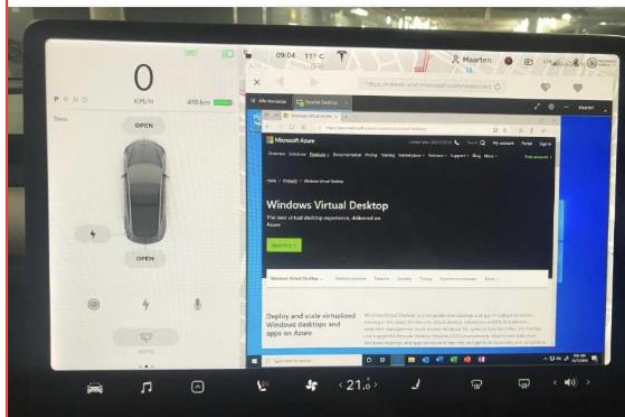
> BYOD

- > Laptop
- > Desktop
- > Mobile (iOS / Android)
- > Car
- > HTML5
- > ...



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1d • Edited • 🌐

Friday fun fact. Did you know that Windows Virtual Desktop (#WVD) also works on a #Tesla — via the HTML5 Web Portal? Working on your #LOB #virtual Applications while charging your car. 🙌 #FridayFun Maarten Koopman Scott Manchester



The image shows a tablet screen split into two parts. On the left, the Tesla mobile app interface is visible, showing a car icon and 'OPEN' buttons. On the right, a web browser displays the Windows Virtual Desktop HTML5 web portal, which includes a Microsoft Azure logo and text about deploying virtual desktops on Azure. The tablet is held by a person whose face is partially visible on the right side of the image.

WVD

On Azure

- › Use the global power of Azure
- › Scalable
- › Make use of the Azure Security Offering
 - › \$1 billion invested / year in security
- › Integration with Other Microsoft Tools
- › Integration with your current environment

- › 95% of Fortune 500 companies trust their business in Azure





WVD

FsLogix

- > Company / Technology bought by MS
- > Profile Container
- > Office Container
- > Application Masking
- > Java Version Control



WVD

delaware Projects

- > DEME – finished
- > EFSA – ongoing
 - > Prospect for other GOV WVD projects (+1k users)



WVD

Deep Dive



WVD

Contact

Core Technology Services (CTS)

- › Rik Claeys
 - › WVD Projects PM
- › WVD Implementations
 - › Jens Fonteyne - Lead expert WVD
 - › Geoffrey Jouret - Lead networking
 - › Hans De Fleurquin
 - › Maxim Eeckhout
 - › Brecht Dedecker

