

WVD announcement	What it does / how it works / what it will do...
<b>WVD on premises</b>	Wait, what? Do you mean Windows 10 Multi-Session as well? Yes. It took a while before this became clear but as it turns out WVD, including Windows 10 Multi-Session, or EVD will become available on-premises through Azure Stack Hub. Rumors at first, now soon to be a reality. Take note though, the management plane (Connection Broker, Web Access, Gateway etc.) will remain in Azure. Your Host pools / Session Hosts, however, will be allowed to run on Azure Stack Hub. A good start, hopefully more on-prem options will follow since not many companies leverage ASH today and I can't see them investing in ASH just for WVD purposes. Sign up for the preview <a href="#">here</a> .
<b>WVD through Linux</b>	Another big announcement was around the <a href="#">Microsoft - IGEL</a> partnership. Since WVD has been available (in preview and GA) there hasn't been a Linux based WVD client available. Well, now there is and IGEL takes full credit, which are in place, of course. Microsoft will also release a separate SDK allowing other third-party developers to have a go as well. The news that WVD supports Thin Clients isn't that big of a deal if you ask me, it's just another "computer" it's the software that makes this happen. Microsoft refers to IGEL as being a hardware partner, I think they prefer to be seen as a software driven company, which I think they are, or more than hardware anyway.
<b>New WVD RDP client</b>	And by the way, a new WVD RDP client is on its way, find out more <a href="#">here</a> .
<b>WVD Migrate Scenario</b>	I mentioned Lakeside in one of my earlier sheets as well. Azure has a couple of "key migration" scenarios (through Azure Migrate) and now WVD is one of them as well or will be soon. The Lakeside software (SysTrack) will be used under the hood for this. This is from <a href="#">my earlier sheet</a> . Lakeside's Software's Windows Virtual Desktop Assessment with SysTrack is a cloud hosted data analytics solution that enables IT to capture metrics and data about end user environments. This on-demand tool provides IT with a self-service platform to assess and quantify user, application and infrastructure requirements.
<b>New Azure Regions</b>	As you might know, WVD is actually a management plane (service) hosted in Azure (PaaS) allowing us to build Host Pools that in turn hold one or multiple Sessions Host machines. After WVD went GA the WVD service became available from multiple locations across the globe. Japan is the latest addition and regions like Australia, Brazil, Asia Pacific, and India are on the shortlist / roadmap. These are expected to be ready by the end of next year. Have a look <a href="#">here</a> for an overview, including all RRT's in MS.
<b>Microsoft Endpoint Manager</b>	Microsoft announced the merge of Intune and SCCM, which they branded: Microsoft Endpoint Manager. As announced earlier, Intune is/will be able to manage your WVD hosts going forward. Azure AD support plays a role in this as well. A cool announcement, one to keep an eye on. Read more <a href="#">here</a> .
<b>WVD GUI</b>	They demoed a preview the new Azure management portal for WVD making it easier to add users and/or groups of users. This wasn't possible before, not even with PowerShell. Of course, there is a lot more coming since most of the work that needs to be done when setting up WVD is still done manually, through PowerShell, for example. Note that there already are multiple partners which have already taken care of this for you. Go to the <a href="#">partner page</a> to have a look. New partners are added ongoing.
<b>Microsoft Teams</b>	Microsoft Teams has been optimized for Windows Virtual Desktop use-cases. Have a look at <a href="#">this Microsoft Mechanics clip</a> on YouTube explaining it in detail.
<b>MSIX app attach</b>	MSIX app attach (I wrote about this extensively <a href="#">here</a> ) is available for testers, go <a href="#">here</a> to sign up. It is expected to be part of Windows as of March 2020. Multiple demos were given. They're experimenting with a new read-only file system, faster than VHD's, which will consume less RAM and CPU, enabling more concurrent sessions with MSIX app attach. MSIX application state information will be saved into your FSLogix profile container, persisting your application state.
<b>App Asure</b>	Microsoft's applications <a href="#">compatibility promise</a> will be extended to Windows 10 EVD Multi-Session. Virtualized apps that run on Server 2019 RDSH will run on Windows 10 EVD Multi-Session as well. When you run into issues Microsoft will be there to have you back.
<b>(Community) Tools</b>	RDPsoft released a free WVD management tool named: Remote Desktop Commander Lite for Windows Virtual Desktop Preview. Go <a href="#">here</a> to read more and download. @MatthiasSchlimm is the founder of the Base Image Script Framework (BIS-F). On E2EVC he announced support for WVD as well as Nutanix Frame. Visit his website <a href="#">here</a> . @MarcelMeurer is working on a free WVD management tool, which will be released shortly. You'll find <a href="#">more information on this website</a> .
<b>VMWare Horizon</b>	In other news. WVD support for Horizon Cloud on Azure has been announced as well. Coming soon in 2020. Here's the <a href="#">link</a> .
<b>NVv4 GPU</b>	The public preview of NVv4 virtual machines with partitioned GPU's have been announced. They should be available as of 18 November 2019. Windows 10 EVD, as part of WVD is one of the supported Operating Systems. Read more about this announcement <a href="#">here</a> .
<b>Win 10 EVD performance</b>	Not announced at Ignite but talked about and partly shown at the E2EVC conference in Lisbon. It seems that Windows 10 EVD handles graphical workloads a bit better than its older and bigger brother, Windows Server 2019. There was a short clip shown on Twitter. Less CPU resources are needed to encode the RDP protocol stream, and Win 10 EVD offered more frames per second - thank you, Benny Tritsch for doing the research on this. See <a href="#">accompanying blogpost</a> for Twitter discussion - interesting.
<b>Various!</b>	Microsoft have put together a WVD architecture post, download it <a href="#">here</a> . Multi-Media Redirection for WVD is being worked on, which will lead to less CPU resource consumption. Personal Desktops can be directly assigned through PowerShell. A preview of a migration script helping you migrate from UPD to FSLogix Profile Containers was shown and a preview will be released soon. All WVD Ignite sessions are now online, got watch them <a href="#">here</a> . Per machine installation of OneDrive is generally available. Native Domain Controller (AD) support with Azure File Storage, will soon be with us - PaaS based storage for MSIX app attach and FSLogix profiles. Office 365 ProPlus will be supported on Windows Server 2019 till 2025. No expiration date on Win10 Entp. Multi-Session. Keep an eye on <a href="#">Azure Arc</a> , especially when it comes to hybrid WVD management. Last but not least... don't forget about Ignite on Tour. For the Dutch among us, Amsterdam will be on the 11th of March 2020, find the schedule <a href="#">here</a> .