Remote Access Realities After Coronavirus

Given the realities of the world today, your existing remote access solution may not be up to the task of **supporting your entire workforce form home!** Various issues are occurring with traditional remote access solutions as you are forced to accommodate your entire workforce!

Bandwidth and Capacity

Often times the issue is as simple as not having enough bandwidth to support your entire workforce connecting remotely. And if bandwidth is not the issue, you may not have enough Compute resource in your Data Center, and new servers are weeks or more away!

VPN Access

Enterprise VPN access has always been regarded as highly secure. Problem is, what does a VPN secure? In reality, **a VPN only secures the tunnel between your users' remote network and your enterprise network**, **while making the remote network a routed part of your enterprise** for the duration of the connection! The same home network where your employees' son/husband are browsing questionable websites; the same home network where your wife has just joined a subscription mailing list that is actually a phishing site for Ransomware.

- Enterprise VPNs secure the tunnel, not the remote network
- Enterprise VPNs inherently "route" the remote network to your enterprise network with very little filtering.
- Enterprise VPN clients are sometimes complicated to install/use
- Enterprise VPNs may not scale to your entire workforce!
- Enterprise VPNs are the most bandwidth-hungry of the remote access solutions

Microsoft Terminal Services

Terminal servers provide an adequate platform for task workers and no more. Nobody chooses to use a Terminal Server desktop over an individual desktop, they do so because it is the only way in. Moreover, since it is a shared session, if someone else crashes the server, you lose unsaved work and have to reconnect!

- Poor graphics delivery (striping, slow refresh)
- Supporting your entire workforce may exceed existing bandwidth at your location
- Many known RDP vulnerabilities
- Copy & Paste often does not work
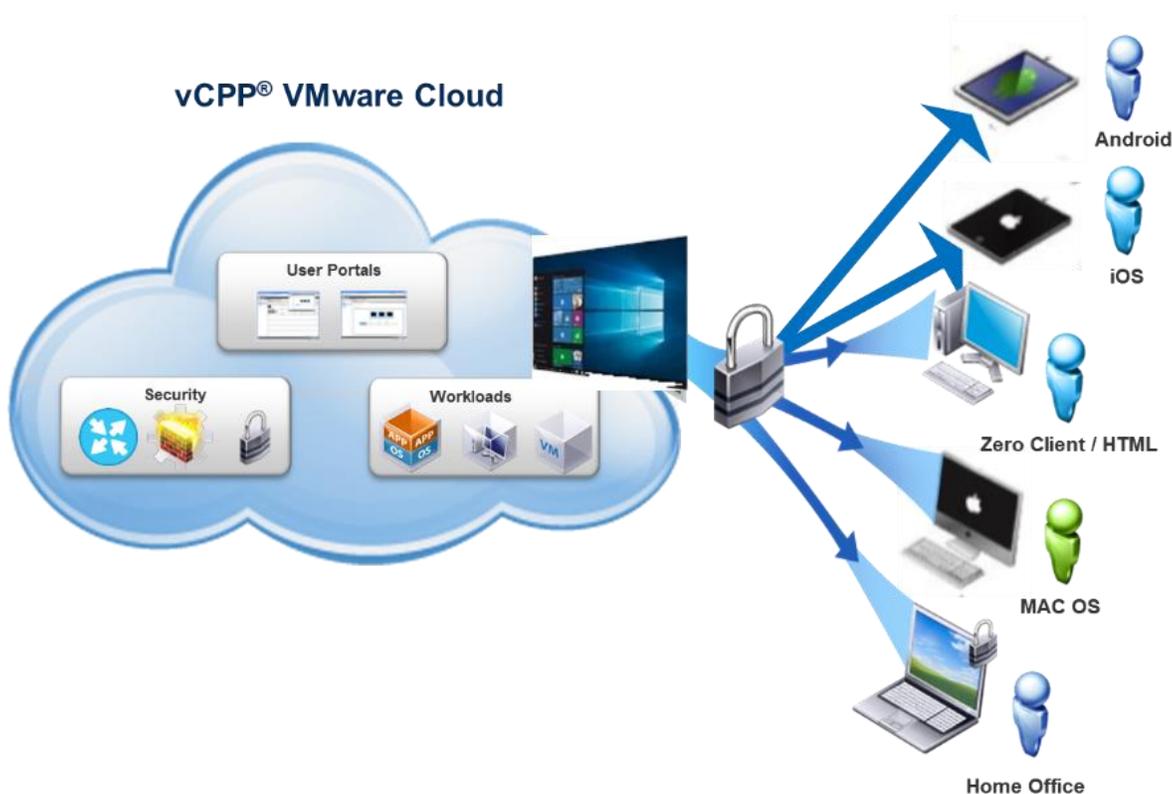
A Better Solution, the VMware Cloud

VMsources has spare capacity for thousands of VDI sessions right now in our VMware Cloud Provider Program Cloud. Moreover, with a simple VPN between a dedicated and secure enterprise LAN in the VMware Cloud and your Enterprise LAN, your users will be connecting to remote resources using 1Gb Backbone Fiber!

Using VMware Horizon View in the VMware Cloud you gain the advantages of best-of-breed VDI technology, better bandwidth, and no more VPNs with security issues!
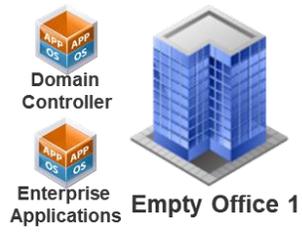
- Connect form any device
- Use VMware Blast high performance display protocol
- Deploy individual desktops with Windows 2019 Desktop Experience or Windows 10
  - Any number of vCPUs and any amount of RAM Possible
- Highly admin controllable for security
- No user VPN required for connection
- Printer and scanner localization
- Can deliver your existing Terminal Server with improved display protocol, reduced bandwidth and better connection portal.

Types of Horizon View Desktop

High-priority: Admins, C-Suite	Custom, individual desktop	This is an individually created and individually-managed desktop for a specific user with specific requirements. Literally anything is possible
Medium-priority	Automated pool, individual desktop	This desktop is deployed from a "Parent" and managed/updated as a pool. Nonetheless, users retain the full ability to customize their "individual" desktop, save documents and all the usual features of a personal laptop/workstation.
Task workers	Automated pool, floating desktop	This desktop is deployed from a "Parent" and managed/updated as a pool. The user is assigned the first available desktop in the pool when they log-on. The session is "refreshed" to the Golden Image every time the user logs off or is idle for a set period, and the desktop is clean & available for the next user.
Low-priority	Microsoft Terminal Server	This is a multi-tenant session, except it is delivered by VMware Horizon View with better protocols, security and lower bandwidth.

vCPP® VMware Cloud

Domain Controller

Enterprise Applications

Empty Office 1

IPSec

Domain Controller

Empty Office 2

IPSec

Domain Controller

Enterprise Applications Empty Office 3

IPSec

Virtual Desktop

Virtual Desktop

Virtual Desktop

Virtual Desktop

vCPP® VMware Cloud Services

VMware Blast

VMware Blast

VMware Blast

VMware Blast

Remote User Remote User Remote User Remote User

1-10,000+ Remote Workers