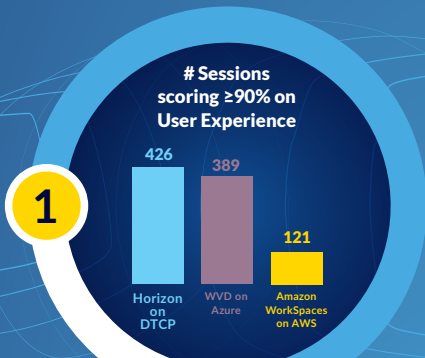# How Does VDI on Dell Technologies Cloud Platform (DTCP) Stack Up?

Comparing Performance and User Experience of VMware Horizon on Dell Technologies Cloud Platform (VMware Cloud Foundation on Dell EMC VxRail) with Amazon WorkSpaces on AWS and Windows Virtual Desktop on Azure

1

Sessions scoring ≥90% on User Experience

- Horizon on DTCP: 426
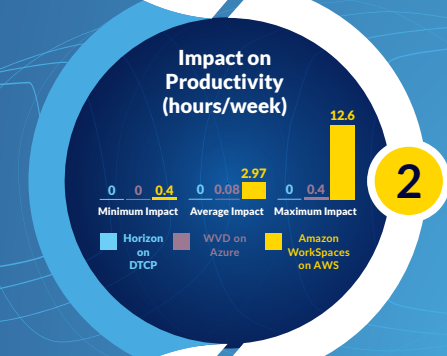- WVD on Azure: 389
- Amazon WorkSpaces on AWS: 121

BEST USER EXPERIENCE[‡]

Horizon on DTCP experience was

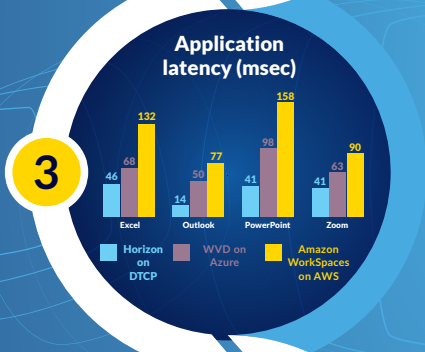Up to **9.5%** better than WVD on Azure

Up to **2.5X** better than Amazon WorkSpaces on AWS

[‡] User experience, application latencies, and productivity time are derived from Lakeside Software's SysTrack and simulations using LoginVSI.

2

Impact on Productivity (hours/week)

	Horizon on DTCP	WVD on Azure	Amazon WorkSpaces on AWS
Minimum Impact	0	0	0.4
Average Impact	0.08	2.97	12.6
Maximum Impact	0	0.4	

SUPERIOR PRODUCTIVITY[‡]

On Horizon on DTCP, productivity was impacted in **0 sessions**

3

Application latency (msec)

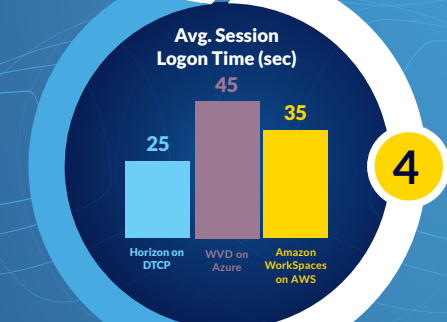|	Horizon on DTCP	WVD on Azure	Amazon WorkSpaces on AWS
Excel	46	68	132
Outlook	14	50	77
PowerPoint	41	98	158
Zoom	41	63	90

LOWEST APPLICATION LATENCY[‡]

On Horizon on DTCP, the Zoom application demonstrated on average

Up to **34%** decreased latency compared to WVD on Azure

Up to **54%** decreased latency compared to Amazon WorkSpaces on AWS

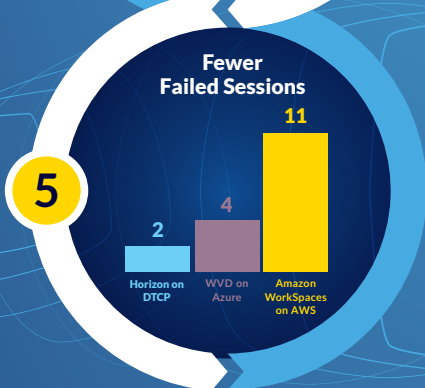Zoom Application latency is compared.

4

Avg. Session Logon Time (sec)

- Horizon on DTCP: 25
- WVD on Azure: 45
- Amazon WorkSpaces on AWS: 35

BEST LOGON RESPONSE TIME[*]

Horizon on DTCP logins were

Up to **44%** faster when logon time compared to WVD on Azure

Up to **28%** decreased logon time compared to Amazon WorkSpaces on AWS

[*] Logon time is derived from LoginVSI logon time for each session.

5

Fewer Failed Sessions

- Horizon on DTCP: 2
- WVD on Azure: 4
- Amazon WorkSpaces on AWS: 11

FEWER SESSIONS FAILED TO LAUNCH[*]

When compared to # of sessions launched in Horizon on DTCP

2x more WVD sessions failed to launch on Azure

5.5x more Amazon WorkSpaces sessions failed to launch on AWS

Dell Technologies Cloud Platform (DTCP) delivers a turnkey experience that's easy to deploy and manage due to the tight integration between VMware Cloud Foundation and Dell EMC VxRail.

- Enhance user, data, app and end point security by storing IP, data and app centrally in data center
- Deliver high user experiences by reducing downtime and enabling anytime, anywhere digital workspaces
- Centrally manage images and apps and respond faster to user and business demands by streamlining IT resources

VDI Comparison White Paper: https://bit.ly/3l0pv2n
To Learn more about Dell Technologies Cloud Platform please visit https://delltechnologies.com/cloudplatform

intel. DELLTechnologies TESTED WITH LOGINVSI CloudEvolutions