



RDP Shortpath for Azure Virtual desktop in Parallels Remote Application server

- Parallels Remote Application Server 19.1

Feature description

RDP Shortpath establishes direct UDP-based connection between a remote desktop client and session host. Direct connection reduces the dependency on the Azure Virtual Desktop gateways, improves the connection reliability, and increases the bandwidth available for each user session.

Note: RDPshortpath for both managed and public networks is supported.

To enable AVD Shortpath, please check the box "**Manage RDP Shortpath**" in the **RAS Console > Farm > AVD > Host pools > Host pool properties**

Use case

UDP over TCP gives better overall performance in a session, including round-trip latency, image quality and usually the best option to give better user experience. On the other hand, TCP has embedded features which provide error check and its restoration under bad network conditions.

Transport	Latency	Performance	Error check	Self-recovery
UDP	+	+	-	-
TCP	-	-	+	+

There are the following ways to verify which protocol is utilized by RAS session:

- **RAS Console > Sessions** > double-click on the user session.

- in the published desktop, check the connection details