

## Windows Virtual Desktop WVD RDP Settings – New and Improved

In this post, I will provide new screen shot of RDP settings that have been improved due to COVID and off site requirement by clients for their users working at home and in the cloud.

Login to Azure Portal

Click All Resources - Open Host Pool – RDP Properties – All the details are self explanatory...

The screenshot shows the Azure Portal interface for the RDP Properties of a host pool named WVDW10POOL01. The page is dark-themed. On the left, there is a navigation pane with options: Overview (selected), Activity log, Access control (IAM), Tags, Diagnose and solve problems, and Settings. Under Settings, RDP Properties is selected. The main content area has a search bar and a 'Download template' button. Below this, there are tabs for 'Connection information' (selected), 'Session behaviour', 'Device redirection', 'Display settings', and 'Advanced'. Under 'Connection information', there are three settings: 'Credential Security Support Provider' with two radio button options (the second is selected), 'Reconnection settings' with two radio button options (the first is selected), and 'Alternate shell' with a text input field containing 'C:\ProgramFiles\Office\word.exe'.

This is a close-up screenshot of the 'Session behaviour' tab in the RDP Properties page. It features a 'Download template' button at the top. Below it are five tabs: 'Connection information', 'Session behaviour' (selected), 'Device redirection', 'Display settings', and 'Advanced'. The 'Session behaviour' section contains five settings, each with a radio button and an information icon: 'Reconnection' (selected: Client automatically tries to reconnect), 'Bandwidth auto detect' (selected: Enable automatic network type connection), 'Network auto detect' (selected: Don't use automatic network bandwidth detection), 'Compression' (selected: Enable RDP bulk compression), and 'Video playback' (selected: Use RDP-efficient multimedia streaming for video playback when possible).

↓ Download template

Connection information

Session behaviour

**Device redirection**

Display settings

Advanced

### Audio and video

Microphone redirection ⓘ

- Disable audio capture from the local device
- Enable audio capture from the local device and redirection to an audio application in the remote session

Redirect video encoding ⓘ

- Disable encoding of redirected video
- Enable encoding of redirected video

Encoded video quality ⓘ

- High compression video. Quality may suffer when there is a lot of motion
- Medium compression
- Low compression video with high picture quality

Audio output location ⓘ

- Play sounds on the local computer
- Play sounds on the remote computer
- Do not play sounds

### Local devices and resources

Camera redirection ⓘ

- Don't redirect any cameras
- Redirect cameras
- Manually enter list of cameras

USB device redirection ⓘ

- Don't redirect any devices
- Redirect all supported devices, including ones that are connected later
- Manually enter valid hardware ID

Drive/storage redirection ⓘ

- Don't redirect any drives
- Redirect all disk drives, including ones that are connected later
- Dynamic drives: redirect any drives that are connected later
- Manually enter drives and labels

Clipboard redirection ⓘ

- Clipboard on local computer isn't available in remote session
- Clipboard on local computer is available in remote session

COM ports redirection ⓘ

- COM ports on the local computer are not available in the remote session
- COM ports on the local computer are available in the remote session

Printer redirection ⓘ

- The printers on the local computer are not available in the remote session
- The printers on the local computer are available in the remote session

Smart card redirection ⓘ

- The smart card device on the local computer is not available in the remote session
- The smart card device on the local computer is available in the remote session

USB redirection ⓘ

- Don't redirect any USB devices
- USBInstanceID: Redirect a specific USB device identified by the instance ID
- Redirect all USB devices that are not already redirected by another high-level redirection
- Redirect all devices that are members of the specified device setup class

Download template

Connection information   Session behaviour   Device redirection   **Display settings**   Advanced

Multiple displays <sup>ⓘ</sup>  Don't enable multiple display support  
 Enable multiple display support

Selected monitors <sup>ⓘ</sup>  All displays  
 Manually enter list of machine specific display IDs

Maximize to current displays <sup>ⓘ</sup>  Session goes full screen on the displays initially selected when maximizing  
 Session dynamically goes full screen on the displays touched by the session window when maximizing

Multi to single display switch <sup>ⓘ</sup>  Session retains all displays when exiting full screen  
 Session switches to single display when exiting full screen

Screen mode <sup>ⓘ</sup>  The remote session will appear in a window  
 The remote session will appear full screen

Smart sizing <sup>ⓘ</sup>  The local window content won't scale when resized  
 The local window content will scale when resized

Dynamic resolution <sup>ⓘ</sup>  Session resolution remains static for the duration of the session  
 Session resolution updates as the local window resizes

Desktop size <sup>ⓘ</sup>

Desktop height (pixels) <sup>ⓘ</sup>


Desktop width (pixels) <sup>ⓘ</sup>

Desktop scale factor <sup>ⓘ</sup>

Download template

Connection information   Session behaviour   Device redirection   Display settings   **Advanced**

RDP Properties <sup>ⓘ</sup>

 The characters \ ; ; must be escaped with a backslash character \' from properties values

Connection info

Set custom RDP properties such as multi-monitor experience and audio redirection to deliver an optimal experience for your users, example: audiocapturemode:i:1;audiomode:i:0;. [Learn more](#)

RDP Properties <sup>ⓘ</sup>

Thanks

Ram Lan  
6<sup>th</sup> Oct 2020