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Citrix Workspace App 1808 (Earlier known as Citrix Receiver) Feature Matrix

Category	Feature	Windows	Windows Store	Windows 4.9 LTSR	Windows 4.4 LTSR	Linux	Mac	iOS	Android	HTML5	Chrome-OS
	Supported version of OS	Win 7-10	Win 10	Win 7-10	Win 7-10	Multiple	10.11 and above	10 and above	4.0 and up	Chrome/Firefox/IE10+/Safari	latest
Citrix Workspace Aggregation	Citrix Virtual Apps	•	•	•	•	•	•	•	•	•	•
	Citrix Virtual Desktops	•	•	•	•	•	•	•	•	•	•
	Citrix Content Collaboration (Citrix Files)	•	•				•	•	•	•	•
	SaaS/Web Apps	•					•				
	Citrix Mobile Apps							•	•		
Endpoint Management	Auto configure using DNS for Email Discovery	•	•	•	•		•	•			
	Centralized Management Settings	•	•	•	•	•					•
	App Store Updates / Citrix Auto updates	•	•				•	•	•		•
UI	Desktop Viewer/Toolbar	•	•	•	•	•	•	•	•	•	•
	Multi-tasking	•	•	•	•	•	•	•	•	•	•
	Follow Me Sessions (Workspace Control)	•	•	•	•	•	•	•	•	•	•
HDX Host Core	Adaptive transport	•	•	•			•	•	•		
	SDWAN support	•	•	•	•	•	•	•		•	•
	Session reliability	•	•	•	•	•	•	•	•	•	•
	Auto-client Reconnect	•	•	•	•	•	•	•	•		
	Bi-directional Content redirection	•	•								
	URL redirection	•		•	•	•	•			•	•
	File open in Citrix Workspace app	•		•	•	•			•		•
	Browser content redirection	•				•					
	Multiport ICA	•	•	•	•	•					
HDX IO / Devices / Printing	Local Printing	•	•	•	•	•	•			•	•
	Generic USB Redirection	•		•	•	•	•	•			•
	Client drive mapping / File Transfer****	•		•	•	•	•		•	•	•
HDX Integration	Local App Access	•	•	•	•						
	Multi-touch	•	•	•	•			•	•	•	•
	Mobility Pack	•	•	•	•			•	•	•	•
	HDX Insight	•	•	•	•	•	•			•	•
	EUEM Experience Matrix	•	•	•	•		•			•	•
	Session Sharing	•	•	•	•	•	•	•	•	•	•
HDX Multi-media	Audio Playback	•	•	•	•	•	•	•	•	•	•
	Bi-directional Audio (VoIP)	•	•	•	•	•	•			•	•
	Web-cam redirection	•	•	•	•	•	•			•	•
	Video playback	•	•	•	•	•	•	•	•	•	•
	Flash redirection	•	•	•	•	•(x86 only)					
	Skype for business Optimization pack	•	•	•	•	•	•				
	Cisco Jabber Unified Communications Optimization	•		•	•	•	•				
	Widows Multimedia redirection	•	•	•	•	•					
	UDP Audio	•	•	•	•	•					
HDX Graphics	H.264-enhanced SuperCodec	•	•	•	•	•	•	•	•	•	•
	Client hardware acceleration	•	•	•	•	•	•				•
	3DPro Graphics	•	•	•	•	•	•	•	•	•	•
	External Monitor Support	•	•	•	•	•	•	•	•	•	•
	Desktop Composition redirection	•	•	•	•		0				
	True Multi Monitor	•	•	•	•	•				•	•
	Location Based Services (Location available via API-description)	•	•	•	•			•	•		
Authentication	Federated Authentication (SAML/Azure AD)	•	•	•	•	•	•	•	•	•*	•
	NetScaler Full VPN	•	•	•	•	•	•	•	•		
	RSA Soft Token							•	•		
	Challenge Response SMS (Radius)	•	•	•	•		•				
	User Cert Auth via NetScaler Gateway (via Browser Only)	•	•	•	•		•	•			
	Smart Card (CAC,PIV Etc.)	•	•	•	•	•	•	•			•
	Proximity/Contactless Card	•		•	•	•					•
	Credential insertion (E.g.. Fast Connect, Storebrowse)	•		•	•	•					•
	Pass Through Authentication	•									
	Save credentials *(on prem and only SF)	•		•	•		•				
	NetScaler N-factor Authentication										
	Biometric Authentication (Touch ID, Face ID..)							•			
	Single Sign-On to Citrix Files App	•					•	•	•		
	Single Sign on to Citrix Mobile apps							•	•		
	Anonymous Store Access	•	•	•	•	•	•	•	•	•	•

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Feature		Windows	Windows Store	Windows 4.9 LTSR	Windows 4.4 LTSR	Linux	Mac	iOS	Android	HTML5	Chrome-OS
	Supported version of OS	Win 7-10	Win 10	Win 7-10	Win 7-10	Multiple	10.11 and above	10 and above	4.0 and up	Chrome/Firefox/ IE10+/Safari	latest
Security	TLS 1.2	●	●	●	●	●	●	●	●	●	●
	TLS 1.0/1.1	●	●	●	●	●	●	●	●	●	●
	DTLS 1.0	●	●	●	●	●	●	●	●		
	DTLS 1.2	●	●								
	SHA2 Cert	●		●	●	●	●	●	●	●	●
	Smart Access	●	●	●	●	●	●				
	Remote Access via Citrix Gateway	●*	●	●*	●*	●	●	●	●	●	●
	Workspace for Web Access	●	●	●	●	●	●	Via ICA file	●	●	●
	IPV6	●	●	●	●	●	●	●	●	●	●

Indicators	
●	**Blue** dot indicates supported features In case of Windows store column **Blue** Dot indicates feature is supported for devices such as Windows 10 S, PC, IoT Enterprise, Surface hub, mixed reality headsets, IoT Core, Windows 10 Phone supporting windows 10 OS.
●	**Grey** dot indicates feature is supported for devices such as Windows 10 S, PC, IoT Enterprise supporting windows 10 OS only
*	StoreFront Only.
**	HDX 3D Pro reverts to JPEG for these Citrix Workspace apps. 3 Mbps is recommended compared to 1.5 Mbps with H.264 Deep Compression.
****	File transfer feature applies to Workspace app for HTML5/Chrome only as these Workspace app don't support Client Drive mapping
0	Deprecated in the latest release.

[For more information on Citrix Workspace app on Windows Store refer here](#)

Feature Definitions		
Citrix Workspace Aggregation	Citrix Virtual Apps	Access Citrix Virtual Apps formerly known as XenApp hosted applications.
	Citrix Virtual Desktops	Access Citrix Virtual Desktops formerly known as XenDesktop virtual desktops.
	Citrix Content Collaboration (Citrix Files)	Access Citrix Files formerly known as Citrix ShareFile
	SaaS/Web Apps	Access SaaS/Web Apps configured using NetScaler Gateway Service
	Citrix Mobile Apps	Access Citrix Mobile Apps aggregated by Citrix Endpoint Management formerly known as XenMobile
	Citrix Mobile App Upgrades	Access Citrix Mobile Apps aggregated by Citrix Endpoint Management formerly known as XenMobile
Endpoint Management	Auto configure using DNS for Email Discovery	Enable Citrix Workspace app to be configured via auto discovered settings.
	Centralized Management Settings	App setting from a centralized service e.g.: Google chrome management or GPOs
	Auto Discovery/Configuration	Enable Citrix Workspace app to be configured via auto discovered settings.
	App Store Updates / Citrix Auto updates	Updates from vendor application store and for Windows and Mac through Citrix Auto-upgrade functionality
UI	Desktop Viewer/Toolbar	Enables in session control of session functions like sending Ctrl+Alt+Del via a toolbar.
	Multi-tasking	Enable multiple apps and desktop to be used at the same time
	Follow Me Sessions (Workspace Control)	Allows users to move between devices and automatically connect to all of their sessions.
HDX Host Core	Adaptive transport	Enables EDT transport for HDX for improved throughput independent of network conditions
	SDWAN support	Enables SDWAN acceleration for QoS, TCP, compression and de-duplication.
	Session reliability	Keeps sessions active and on the user's screen when network connectivity is interrupted.
	Auto-client Reconnect	Prompts and reconnects the session on connection interruption .
	Bi-directional Content redirection	Enable client to host and host to client URL redirection.
	URL redirection	Allows running of applications locally on client.
	File open in Citrix Workspace app	Allows opening a local file in Citrix Workspace app using hosted application (Client to Server Content Redirection).
	Browser content redirection	Enables an entire webpage (a browser's viewport) to be redirected to the endpoint for local rendering, offloading the server.
	Multiport ICA	Allows support for multiple TCP ports for HDX traffic to improve the quality of service.

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Category	Feature	Description
HDX IO / Devices / Printing	**Local Printing**	Enables users to print documents via shared or local printers.
	Generic USB Redirection	Enables use of USB devices inside the session.
	Client drive mapping / File Transfer****	Enables use of client drives inbuilt or attached for data storage.
HDX Integration	**Local App Access**	Access the local application on client device inside the session.
	Multi-touch	Enables ten finger multi-touch control of Windows/Linux desktops and apps.
	Mobility Pack	Enables native device experience features (e.g., auto popup keyboard and local device UI controls) and tablet-optimized desktops.
	HDX Insight	Provides visibility into the session startup/end times using ICA network performance metrics.
	EUEM Experience Matrix	Provides Citrix administrators visibility into the logon duration metrics via Citrix Virtual Desktop formerly known as XenDesktop 7 Director.
	Session Sharing	Enables published application to be executed over the same connection as other published applications when already running on the same server.
HDX Multi-media	**Audio Playback**	Enables server rendered audio playback.
	Bi-directional Audio (VoIP)	Enables use of hosted softphone / voice chat collaboration applications.
	Web-cam redirection	Enables use of video chat collaboration applications using a local webcam.
	Video playback	Enable viewing of recorded videos.
	Flash redirection	Enables Flash content to be rendered using a local Flash Player.
	Skype for business Optimization	Offloads Skype for business media processing from the Citrix server to the user device.
	Cisco Jabber Unified Communications Optimization	Offloads Jabber media processing from the Citrix server to the user device.
	Widows Multimedia redirection	Enables Windows Multimedia to be rendered on the user device, offloading the server.
	UDP Audio	Support for audio input and output over UDP .
HDX Graphics	**H.264-enhanced SuperCodec**	Enables streamlined delivery of applications using XenApp/Desktop 7.X H264-enhanced Supercodec.
	Client hardware acceleration	Enables hardware acceleration for HDX features like graphics, webcam etc. The leverage of hardware capability vary with different Citrix Workspace apps
	3DPro Graphics	Enables use of 3D professional graphics applications hosted in the data center.
	External Monitor Support	Enables use of an external monitor.
	Desktop Composition redirection	Enables graphics command remoting to client for rendering to ensure server scalability. Deprecated in Receiver for Mac 12.9 release.
	True Multi Monitor	XenApp/ XenDesktop creates the same number of monitors as supported by the client.
	Location Based Services (Location available via API-description)	Enables location informations to be used by applications delivered by Citrix Virtual Desktops earlier known as XenDesktop.
Security	**TLS 1.2**	Successor to SSL, strong communication channel security.
	TLS 1.0/1.1	Successor to SSL, strong communication channel security.
	DTLS 1.0	DTLS is a derivation of SSL protocol. It provides the same security services (integrity, authentification and confidentiality) but under UDP protocol.
	DTLS 1.2	DTLS is a derivation of SSL protocol. It provides the same security services (integrity, authentification and confidentiality) but under UDP protocol.
	SHA2 Cert	Ability to use SHA2 Certificates.
	Smart Access	Controls access to available applications through the use of NetScaler Gateway policies and filters.
	Remote Access via Citrix Gateway (NetScaler Gateway)	Provides users with secure access to enterprise applications, virtual desktops, and data anywhere without a VPN client.
	Workspace for Web Access	Access to hosted applications or virtual desktops using a browser.
	IPV6	Enables use on IPV6 networks.

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Authentication	Federated Authentication (SAML/Azure AD)	Enables FAS server the authentication of a user to be delegated to the Microsoft ADFS server (or other SAML-aware IdP) either by Azure AD or SAML
	NetScaler Full VPN	Builds full VPN tunnel for NetScaler Gateway.
	RSA Soft Token	Enables simplified authentication when using RSA Soft Tokens.
	Challenge Response SMS (Radius)	Enables use of challenge response authentication for example the use of SMS passcodes.
	User Cert Auth via NetScaler Gateway (via Browser Only)	Enable use of users certificates as one factor for authentication with NetScaler Gateway. This is for browser based authentication on Windows and Linux
	Smart Card (CAC,PIV Etc.)	Enable use of standard PC/SC compatible cryptographic smart card for authentication and signing.
	Proximity/Contactless Card	Enable users to use Citrix applications or Desktops by authenticating with proximity or contactless smart card.
	Credential insertion (E.g.: Fast Connect, StoreBrowse)	Enable users to use Citrix applications or Desktops by authenticating with proximity or contactless smart card. Storebrowse is a command-line utility tool available with Citrix Workspace app for Windows that you can use to customize Citrix Workspace app by scripting the storebrowse utility.
	Pass Through Authentication	User credentials are passed to a Web Interface site and then to the Citrix Virtual Apps and Desktops formerly known as XenApp/XenDesktop servers, preventing users from having to explicitly authenticate at any point during the Citrix application launch process.
	Save credentials *(on prem and only SF)	Enables save credentials for on-prem and only using Citrix storefront
	Biometric Authentication (Touch ID, Face ID..)	Enables Bio-metric Authentications such as Touch ID and Face ID
	Single Sign-On to Citrix Files App	Enables Single-Sign-on to Citrix Files app formerly known as Sharefile
	Single Sign on to Citrix Mobile apps	Enables Single-Sign-on to Citrix mobile app provided by Citrix Endpoint Management formerly known as XenMobile
	Anonymous Authentication	Support access for unauthenticated (anonymous) users