Citrix Enterprise Browser
## Contents

### About this release

### System requirements and compatibility

### Get started

### Configure

### Secure Private Access for Citrix Workspace

### Secure Private Access support for StoreFront

### Manage Citrix Enterprise Browser through GACS

### Simplified Single sign-on for web and SaaS apps

### Citrix Enterprise Browser shortcut

### Independent upgrade of Citrix Enterprise Browser

### Features

### End user settings

### Troubleshoot

---

© 1999–2023 Cloud Software Group, Inc. All rights reserved.
About this release

November 6, 2023

This section lists new features and fixed issues for Citrix Enterprise Browser (formerly Citrix Workspace Browser) for macOS and Windows operating systems.

What’s new in 119.1.1.4

This release of the Enterprise Browser is compatible with Citrix Workspace app for Mac 2309, Windows 2309, and Windows 2309.1. Also it’s based on Chromium version 119.

Citrix Enterprise Browser upgrade to version 119 for macOS and Windows

This release includes an independent upgrade for Citrix Enterprise Browser version 119.1.1.4, which is based on Chromium version 119. This upgrade is compatible with Citrix Workspace app for Mac 2309, Windows 2309, and Windows 2309.1 respectively. The upgrade is available on the Downloads page.

Fixed issue in 119.1.1.4

There are no fixed issues in this release.

Known issue in 119.1.1.4

There are no known issues in this release.

Note:

For a complete list of issues in the earlier releases, see the Known issues section.

Earlier releases

This section provides information about the new features and fixed issues in the previous releases that we support as per the Lifecycle Milestones for Citrix Workspace app.

117.1.1.13

What’s new

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2309.1 and it is based on Chromium version 117.
Fixed issue in 117.1.1.13

The anti-screen capture feature doesn’t function as intended on Citrix Enterprise Browser version 117.1.1.9, when running on Windows 11. [CTXBR-6181]

Known issue in 117.1.1.13

There are no known issues in this release.

Note:
For a complete list of issues in the earlier releases, see the Known issues section.

118.1.1.7

What’s new

This release of the Enterprise Browser is compatible with the Citrix Workspace app for Mac 2309 and it is based on Chromium version 118.

Citrix Enterprise Browser upgrade to version 118 for macOS

This release includes the independent upgrade for Citrix Enterprise Browser version 118.1.1.7, which is based on Chromium version 118. The upgrade is compatible with Citrix Workspace app for Mac 2309. The upgrade is available on the Downloads page.

Citrix Enterprise Browser user agent has changed

Earlier, the Citrix Enterprise Browser was using a custom user agent. Starting with the Citrix Enterprise Browser version 118, the user agent is as follows:

Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36

Note: Depending on the version, the numbers in the above-mentioned user agent change.

Fixed issues in 118.1.1.7

There are no fixed issues in this release.

Known issues in 118.1.1.7

There are no new known issues.
117.1.1.11

What’s new

This release of the Enterprise Browser is compatible with the Citrix Workspace app for Mac 2309 and it is based on Chromium version 117.

Support for independent upgrade of Citrix Enterprise Browser for macOS

Citrix Enterprise Browser now supports independent upgrade of Citrix Enterprise Browser using the independent installer. The new stand-alone installer upgrades Citrix Enterprise Browser independently without a need to upgrade Citrix Workspace app. For more information, see Independent upgrade of Citrix Enterprise Browser.

Fixed issues in 117.1.1.11

There are no fixed issues in this release.

Known issues in 117.1.1.11

There are no new known issues.

117.1.1.9

What’s new

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2309 and it is based on Chromium version 117.

Authentication through Citrix Enterprise Browser for Windows

Previously, if the authentication token for Citrix Workspace app expired, you weren’t able to use the Enterprise Browser. You had to switch to Citrix Workspace app and reauthenticate to continue using the Enterprise Browser.
Citrix Enterprise Browser

Starting with Citrix Workspace app for Windows 2309 version (which corresponds to the Chromium version 117.1.1.9), you can authenticate within the Enterprise Browser itself only when the store remains the same. It ensures authentication to Citrix Workspace app as well. In addition, this feature provides a seamless sign in experience.

Note:
- This feature applies to Workspace stores.

Fixed issues in 117.1.1.9

There are no fixed issues in this release.

Known issues in 117.1.1.9

There are no new known issues.

Note:
For a complete list of issues in the earlier releases, see the Known issues section.
**What's new**

This release of the Enterprise Browser is installed with the Citrix Workspace app for Mac 2308 and it is based on Chromium version 115.

**Authentication through Citrix Enterprise Browser**

Previously, if the authentication token for Citrix Workspace app expired, you weren’t able to use the Enterprise Browser. You had to switch to Citrix Workspace app and reauthenticate to continue using the Enterprise Browser.

Starting with Citrix Workspace app for Mac 2307 version (which corresponds to the Chromium version 113.1.1.34), you can authenticate within the Enterprise Browser itself only when the store remains the same. It ensures authentication to Citrix Workspace app as well. In addition, this feature provides a seamless sign in experience.

**Note:**

- This feature applies to Workspace stores.
Split view support

Citrix Enterprise Browser on macOS supports split view for ease of multitasking. With split view, you can use Citrix Enterprise Browser and another window next to each other, without having to manually move and resize windows. For more information, see Apple’s support article.

Citrix Enterprise Browser shortcut

Starting with Citrix Workspace app for Mac 2307 version, an administrator can configure and control the presence of Citrix Enterprise Browser shortcut on the Launchpad.

Note:

By default, this setting is enabled for Workspace stores.

Configuration

An IT administrator can configure the presence of the Citrix Enterprise Browser shortcut in one of the following ways:

- Mobile Device Management (MDM)
- Global App Configuration service (GACS)
- web.config file.
Citrix Enterprise Browser

Note:

• All the configuration methods have equal priority. Enabling any one of them enables the shortcut.

• If you haven’t configured the shortcut but have one or more Workspace stores, the shortcut gets automatically enabled.

• For end users, the Citrix Enterprise Browser shortcut appears if the user makes it as a favorite app irrespective of the configuration.

• To disable this feature for Workspace stores, administrators must apply one of the following settings:
  – set the CEBShortcutEnabled attribute to false in MDM or web.config file.
  – disable the Enable Citrix Enterprise Browser shortcut property in GACS.

Mobile Device Management (MDM)

Administrators can push the settings CEBShortcutEnabled set as true to the user’s device.

For more information on how to use MDM see, Mobile Device Management (MDM).

Note:

This way of configuration is applicable on Workspace and StoreFront.

Global App Configuration service (GACS)

Administrators can enable Enable Citrix Enterprise Browser shortcut as follows:

Configuration through API

To configure, here is an example JSON file to enable Enable Citrix Enterprise Browser shortcut:

```json
1   "settings" : [
2       {
3           "name": "enable citrix enterprise browser shortcut",
4           "value": true
5       }
6   ]
7  <!--NeedCopy--> 

Note:

• The default value is Null.
**Citrix Enterprise Browser**

**Configuration through UI**

Navigate to **Workspace Configuration > App Configuration > Citrix Enterprise Browser** and enable **Enable Citrix Enterprise Browser shortcut**.

Select the appropriate checkbox from the UI:

For more information on how to use the GACS UI, see the **User interface** article in the Citrix Enterprise Browser documentation.

**Note:**

This way of configuration is applicable on Workspace and StoreFront.

**web.config file**

Enable the attribute **CEBSShortcutEnabled** under the properties.

```
<properties>
  <property name="CEBSShortcutEnabled" value="True" />
</properties>
```

**Note:**

This way of configuration is applicable on StoreFront.

**Using web.config**

To enable Citrix Enterprise Browser shortcut, do the following:

1. Use a text editor to open the web.config file, which is typically at `C:\inetpub\wwwroot\Citrix\Roaming` directory.

2. Locate the user account element in the file (Store is the account name of your deployment).

   For example: `<account id="..." name="Store">

3. Before the </account> tag, navigate to the properties of that user account and add the following:

```
<properties>
  <property name="CEBSShortcutEnabled" value="True" />
</properties>
```

The following is an example of web.config file:

```
<account>
  <clear />
  <account id="d1197d2c-ac82-4f13-9346-2ee14d4b0202" name="F84Store">
```
How to configure using web.config

1. Use a text editor to open the `web.config` file, which is typically at C:\inetpub\wwwroot\Citrix\Roaming directory.

2. Locate the user account element in the file (Store is the account name of your deployment).

   For example: `<account id="..." name="Store"/>

3. Before the </account> tag, navigate to the properties of that user account and add the following:

   ```xml
   properties>
   <property name="CEBShortcutEnabled" value="True"/>
   </properties>
   ```
Fixed issues in 113.1.1.34

There are no fixed issues in this release.

Known issues in 113.1.1.34

There are no known issues in this release.

Note:
For a complete list of issues in the earlier releases, see the Known issues section.

112.1.1.24

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2305 and it is based on Chromium version 112.

What's new

Citrix Enterprise Browser shortcut

Starting with the Citrix Workspace app for Windows 2309 version, an administrator can configure and control the presence of the Citrix Enterprise Browser shortcut on the Start menu.

Note:
• By default, this setting is enabled for Workspace stores.

Configuration

An IT administrator can configure the presence of the Citrix Enterprise Browser shortcut in one of the following ways:

• Group Policy Object (GPO)
• Global App Configuration service (GACS)
• web.config file.

Notes:
• All the configuration methods have equal priority. Enabling any one of them enables the shortcut.
• If you haven’t configured the shortcut but have one or more Workspace stores, the shortcut gets automatically enabled.
Citrix Enterprise Browser

- For end users, the Citrix Enterprise Browser shortcut appears if the user makes it as a favorite app irrespective of the configuration.
- To disable this feature for Workspace stores, administrators must apply the following settings in any one of the following:

  1. set the **CEBShortcutEnabled** attribute to **false** in the `web.config` file.
  2. disable the **Enable Citrix Enterprise Browser shortcut** property in GPO and GACS.

Using Group Policy Object

Administrators can use the Enable Citrix Enterprise Browser shortcut property to control the display of the Citrix Enterprise Browser shortcut on the Start menu.

**Note:**

Configuration through GPO is applicable on Workspace and StoreFront.

To enable the Citrix Enterprise Browser shortcut, do the following:

1. Open the Citrix Workspace app Group Policy Object administrative template by running `gpedit.msc`.
2. Under the Computer Configuration node, go to Administrative Templates > Citrix Components > Citrix Workspace > Citrix Enterprise Browser.
3. Select the Enable Citrix Enterprise Browser shortcut option.

For more information on how to use the GPO, see Group Policy Object administrative template in Citrix Workspace app for Windows documentation.

Global App Configuration service (GACS)

Administrators can enable Enable Citrix Enterprise Browser shortcut as follows:

**Configuration through API**

To configure, here is an example JSON file to enable Enable Citrix Enterprise Browser shortcut:

```json
"settings" : [
    {
      "name": "enable citrix enterprise browser shortcut",
      "value": true
    }
]
<!--NeedCopy-->
Citrix Enterprise Browser

Note:
- The default value is **Null**.

Configuration through UI

Navigate to **Workspace Configuration** > **App Configuration** > **Citrix Enterprise Browser** and enable **Enable Citrix Enterprise Browser shortcut**.

Select the appropriate checkbox from the UI:

For more information on how to use the GACS UI, see the **User interface** article in the Citrix Enterprise Browser documentation.

Note:
This way of configuration is applicable on Workspace and StoreFront.

**web.config file**

Enable the attribute **CEBShortcutEnabled** under the properties.

```xml
<properties>
  <property name="CEBShortcutEnabled" value="True" />
</properties>
```

Note:
Configuration through **web.config** is applicable on StoreFront.

Using web.config

To enable the Citrix Enterprise Browser shortcut, do the following:

1. Use a text editor to open the web.config file, which is typically at C:\inetpub\wwwroot\Citrix\Roaming directory.

2. Locate the user account element in the file (Store is the account name of your deployment)
   For example:
   ```xml
   <account id="..." name="Store">
   </account>
   ```

3. Before the </account> tag, navigate to the properties of that user account and add the following:

```xml
<properties>
  <property name="CEBShortcutEnabled" value="True" />
</properties>
```
Following is an example of the `web.config` file:

```xml
<account>
    <clear />
    <account id="d1197d2c-ac82-4f13-9346-2ee14d4b0202" name="F84Store">
        <description>""</description>
        <published>true</published>
        <updaterType>Citrix</updaterType>
        <remoteAccessType>None</remoteAccessType>
    </account>
</account>

<annotatedServices>
    <clear />
</annotatedServices>

<annotatedServiceRecord serviceRef="1__Citrix_F84Store">
    <metadata>
        <plugins>
            <clear />
        </plugins>
        <trustSettings>
            <clear />
        </trustSettings>
        <properties>
            <property name="CEBShortcutEnabled" value="True" />
        </properties>
    </metadata>
</annotatedServiceRecord>
</annotatedServices>

<metadata>
    <plugins>
        <clear />
    </plugins>
    <trustSettings>
        <clear />
    </trustSettings>
    <properties>
        <clear />
    </properties>
</metadata>
</account>
```

© 1999–2023 Cloud Software Group, Inc. All rights reserved.
Modification in Secure Private Access policy implementation on internal Web and SaaS apps

This feature enhances the security policies implementation on the Web and SaaS apps. When a webpage and the iframes within the webpage have different policies, we now have a stricter policy implementation where a union of all policies are applied on the entire webpage, including the iframes. However, the watermark is applied to the webpage only.

Support for browser extensions

You can add extensions that are provided by your administrator to the Citrix Enterprise Browser in a secure way. An administrator can deploy, manage, and control the extensions. End users can view and use the extension under `citrixbrowser://extensions` as required. For more settings, see Global App Configuration service.

For more information on how to configure, see Support for browser extensions.

Use the Global App Config service to manage Citrix Enterprise Browser

The administrator can use the Global App Configuration service (GACS) for Citrix Workspace to deliver Citrix Enterprise Browser settings through a centrally managed service. The Global App Configuration service is designed for administrators to easily configure Citrix Workspace and manage the Citrix Workspace app settings. This feature allows admins to use the Global App Configuration service to apply various settings or system policies to the Citrix Enterprise Browser on a particular store. The administrator can now configure and manage the following Citrix Enterprise Browser settings using APIs or the GACS Admin UI:

- “Enable CEB for all apps” - Makes the Citrix Enterprise Browser the default browser for opening web and SaaS apps from the Citrix Workspace app.
- “Enable save passwords” - Allow or deny end users the ability to save passwords.
- “Enable incognito mode” - Enable or disable incognito mode.
- “Managed Bookmarks” - Allow administrator to push bookmarks to the Citrix Enterprise Browser.
- “Enable developer tools” - Enable or disable developer tools within the Enterprise Browser.
- “Delete browsing data on exit” - Allow the administrator to configure what data the Citrix Enterprise Browser deletes on exit.
- “Extension Install Force list” - Allow the administrator to install extensions in the Citrix Enterprise Browser.
- “Extension Install Allow list” - Allow the administrator to configure an allowed list of extensions that users can add to the Citrix Enterprise Browser. This list leverages the Chrome Web Store.

For more information, see Use Global App Config service to manage Citrix Enterprise Browser.
Notes:

- The name and value pair are case-sensitive.
- All the browser settings in GACS are under the following category:

```json
{
    "category": "browser",
    "userOverride": false,
    "assignedTo": ["AllUsersNoAuthentication"
}
```

The administrator can apply the settings to unmanaged devices as well. For more information, see the Global App Configuration service documentation.

User interface

To configure Citrix Enterprise Browser through the GACS Admin UI, do the following:

Note:

The minimum version required is:

- Citrix Workspace app for Mac 2305, and the corresponding Citrix Enterprise Browser version is 112.1.1.23.
- Citrix Workspace app for Windows 2305, and the corresponding Citrix Enterprise Browser version is 112.1.1.24.

1. Sign in to citrix.cloud.com with your credentials.

   Note:

   - Refer to the Sign Up for Citrix Cloud article for step-by-step instructions to create a Citrix Cloud account.

2. Upon authentication, click the menu button in the top left corner and select Workspace Configuration.
3. Click **App Configuration > Citrix Enterprise Browser**.

You can now configure, modify, and publish Citrix Enterprise Browser feature settings.

**Fixed issues in 112.1.1.24**

There are no fixed issues in this release.

**112.1.1.23**

This release of the Enterprise Browser is installed with the Citrix Workspace app for macOS 2305 and it is based on Chromium version 112.

**What’s new**

**Modification in Secure Private Access policy implementation on internal Web and SaaS apps**

This feature enhances the security policies implementation on the Web and SaaS apps. When a webpage and the iframes within the webpage have different policies, we now have a stricter policy implementation where a union of all policies are applied on the entire webpage, including the iframes. However, the watermark is applied to the webpage only.

**Support for browser extensions**
You can add extensions that are provided by your administrator to the Citrix Enterprise Browser in a secure way. An administrator can deploy, manage, and control the extensions. End users can view and use the extension under `citrixbrowser://extensions` as required. For more settings, see the Global App Configuration service.

For more information on how to configure, see Support for browser extensions.

**Use the Global App Config service to manage Citrix Enterprise Browser**

The administrator can use the Global App Configuration service (GACS) for Citrix Workspace to deliver Citrix Enterprise Browser settings through a centrally managed service. The Global App Configuration service is designed for administrators to easily configure Citrix Workspace and manage the Citrix Workspace app settings. This feature allows admins to use the Global App Configuration service to apply various settings or system policies to the Citrix Enterprise Browser on a particular store. The administrator can now configure and manage the following Citrix Enterprise Browser settings using APIs or the GACS Admin UI:

- “Enable CWB for all apps” - Makes the Citrix Enterprise Browser the default browser for opening web and SaaS apps from the Citrix Workspace app.
- “Enable save passwords” - Allow or deny end users the ability to save passwords.
- “Enable incognito mode” - Enable or disable incognito mode.
- “Managed Bookmarks” - Allow administrator to push bookmarks to the Citrix Enterprise Browser.
- “Enable developer tools” - Enable or disable developer tools within the Enterprise Browser.
- “Delete browsing data on exit” - Allow the administrator to configure what data the Citrix Enterprise Browser deletes on exit.
- “Extension Install Force list” - Allow the administrator to install extensions in the Citrix Enterprise Browser.
- “Extension Install Allow list” - Allow the administrator to configure an allowed list of extensions that users can add to the Citrix Enterprise Browser. This list leverages the Chrome Web Store.

For more information, see Use Global App Config service to manage Citrix Enterprise Browser.

**Notes:**

- The name and value pair are case-sensitive.
- All the browser settings in GACS are under the following category:
The administrator can apply the settings to unmanaged devices as well. For more information, see the Global App Configuration service documentation.

**User interface**

To configure Citrix Enterprise Browser through the GACS Admin UI, do the following:

**Note:**

The minimum version that is required is:

- Citrix Workspace app for Mac 2305, and the corresponding Citrix Enterprise Browser version is 112.1.1.23.
- Citrix Workspace app for Windows 2305, and the corresponding Citrix Enterprise Browser version is 112.1.1.24.

1. **Sign in to citrix.cloud.com with your credentials.**

   **Note:**

   - Refer to the Sign Up for Citrix Cloud article for step-by-step instructions to create a Citrix Cloud account.

2. **Upon authentication, click the menu button in the top left corner and select Workspace Configuration.**
The **Workspace Configuration** screen appears.

3. Click **App Configuration > Citrix Enterprise Browser**.

You can now configure, modify, and publish Citrix Enterprise Browser feature settings.

**Fixed issues**

There are no fixed issues in this release.

**109.1.1.29**

**What’s new**

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2303 and it is based on Chromium version 109.

**Secure Private Access support for StoreFront**

As an administrator, you can now configure Web and SaaS apps in StoreFront using a Secure Private Access solution. After the administrator configures the app, end users can open the Web and SaaS apps using Citrix Enterprise Browser with enhanced security.

For more information, see Secure Private Access for on-premises in the Citrix Secure Private Access documentation.
Fixed issues in 109.1.1.29

- The published URLs open through the Citrix Enterprise Browser instead of the device’s default browser. [CTXBR-4718]

108.1.1.97

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2302 and it is based on Chromium version 108.

What’s new

Open all web and SaaS apps through the Citrix Enterprise Browser

In this release of the Enterprise Browser (in Citrix Workspace app for Windows), all internal web apps and external SaaS apps available in the Citrix Workspace app open in Citrix Enterprise Browser.

Option to start Citrix Enterprise Browser from within Citrix Workspace app

Previously, you could open the Citrix Enterprise Browser from the Citrix Workspace app after opening a web or SaaS app.

Starting with this release, you can open the Citrix Enterprise Browser directly from the Citrix Workspace app without requiring you to open a web or SaaS app. This feature provides easy access to Citrix Enterprise Browser and doesn’t require any configurations from administrators. This feature is available by default.

Note:

This feature is available for Cloud customers only, and the end user must have entitlements to at least one web or SaaS app through Secure Private Access.
Fixed issues

- Some SaaS apps which have enhanced security set to OFF fail to open in Citrix Enterprise Browser if Citrix Enterprise Browser is the default browser. [CTXBR-4106] [CTXBR-4405]

107.1.1.13

This release of the Enterprise Browser is installed with the Citrix Workspace app for macOS 2301 and it is based on Chromium version 107.

Set Citrix Enterprise Browser as the work browser

You can now configure Citrix Enterprise Browser as a work browser to open all work links. You can select an alternate browser to open non-work links.

A work link is a link that is associated with the web or SaaS apps that are configured by the administrator for the end user. When a user clicks any link within a native application, if it’s a work link, it’s opened through the Enterprise Browser. If not, it’s opened through the alternate browser that the end-user selects.

For more information, see Set Citrix Enterprise Browser as the work browser.
**Fixed issues**

- HTTP Live Streaming (HLS) protocol with High-Efficiency Advanced Audio Coding (AAC-HE) stream fails to playback audio on Citrix Enterprise Browser. [CTXBR-3899]

- When you click a hyperlink in the custom portal, an error message appears before opening the link. Later, the link opens in a system browser, for example, Google Chrome instead of Citrix Enterprise Browser. [CTXBR-4051]

**107.1.1.13**

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2212 and it is based on Chromium version 107.

**Note:**

- From release 2210 (105.1.1.27), the Open all web and SaaS apps through the Citrix Enterprise Browser feature is disabled.

**Set Citrix Enterprise Browser as the work browser**

You can now configure Citrix Enterprise Browser as a work browser to open all work links. You can select an alternate browser to open non-work links.

A work link is a link that is associated with the web or SaaS apps that are configured by the administrator for the end user. When a user clicks any link within a native application, if it’s a work link, it’s opened through the Enterprise Browser. If not, it’s opened through the alternate browser that the end-user selects.

For more information, see Set Citrix Enterprise Browser as the work browser.

**Fixed issues**

There are no fixed issues in this release.

**105.2.1.40**

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2210.5 and it is based on Chromium version 105. This release addresses issues that help to improve performance and stability.

**Fixed issues**

There are no fixed issues in this release.
**Citrix Enterprise Browser**

**105.2.1.40**

This release of the Enterprise Browser is installed with the Citrix Workspace app for macOS 2211 and it is based on Chromium version 105. This release addresses issues that help to improve performance and stability.

**Fixed issues**

There are no fixed issues in this release.

**105.1.1.36**

This release of the Enterprise Browser (in Citrix Workspace app for macOS) is based on Chromium version 105.

This release addresses issues that help to improve overall performance and stability. For more information about what’s new in 105.1.1.36, see what’s new in 105.1.1.27 section. The list of features is common in both releases.

**Fixed issues**

- When you open a Web or SaaS app with upload restrictions, the app opens in Secure Browser Service (SBS) instead of Citrix Enterprise Browser. [CTXBR-3686]

**105.1.1.27**

This release of the Enterprise Browser is installed with the Citrix Workspace app for Windows 2210 and it is based on Chromium version 105.

**Rebranding Citrix Workspace Browser**

Citrix Workspace Browser is now Citrix Enterprise Browser. The custom scheme is now changed from `citrixworkspace://` to `citrixbrowser://`.

![Settings](image)

**Note:**

If you have pinned the Citrix Workspace Browser icon to the docker, you must remove it manually.
Implementing this transition in our products and their documentation is an ongoing process. Your patience during this transition is appreciated.

- The product UI, in-product content, and the images and instructions in product documentation will be updated in the coming weeks.
- It’s possible that some items (such as commands and MSIs) might continue to retain their former names to prevent breaking existing customer scripts.
- Related product documentation and other resources (such as videos and blog posts) that are linked from this product documentation might still contain former names.

Make Citrix Enterprise Browser the work browser [Technical Preview]

You can now configure Citrix Enterprise Browser to open all work or enterprise links and apps configured by your administrator in the Citrix Workspace app. This feature provides a way for you to open only work links or web and SaaS apps in the Citrix Enterprise Browser. You can select an alternate browser to open any other non-work links or apps.

You can register for this technical preview by using this Podio form.

Note:

Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Open all web and SaaS apps through the Citrix Enterprise Browser

In this release of the Enterprise Browser (in Citrix Workspace app for Windows), all internal web apps and external SaaS apps available in the Citrix Workspace app open in Citrix Enterprise Browser.

Support for browser extensions [Technical Preview]

You can add extensions that are provided by your administrator to the Citrix Enterprise Browser in a secure way. An administrator can deploy, manage, and control the extensions. End users can view and use the extension under citrixbrowser://extensions as required.

For more settings, see Global App Configuration service.

For more information on how to configure, see Support for browser extensions.

You can register for this technical preview by using this Podio form.
**Note:**
Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

**Use Global App Config service to manage Citrix Enterprise Browser [Technical Preview]**

The administrator can use the Global App Configuration service for Citrix Workspace to deliver Citrix Enterprise Browser settings through a centrally managed service. The Global App Configuration service is designed for administrators to easily configure Citrix Workspace and manage the Citrix Workspace app settings. This feature allows admins to use the Global App Configuration service to apply various settings or system policies to the Citrix Enterprise Browser on a particular store. The administrator can now configure and manage the following Citrix Enterprise Browser settings using the Global App Configuration service:

- “Enable CWB for all apps” - Makes the Citrix Enterprise Browser the default browser for opening web and SaaS apps from the Citrix Workspace app.
- “Enable save passwords” - Allow or deny end users the ability to save passwords.
- “Enable incognito mode” - Enable or disable incognito mode.
- “Managed Bookmarks” - Allow administrator to push bookmarks to the Citrix Enterprise Browser.
- “Enable developer tools” - Enable or disable developer tools within the Enterprise Browser.
- “Delete browsing data on exit” - Allow the administrator to configure what data the Citrix Enterprise Browser deletes on exit.
- “Extension Install Force list” - Allow the administrator to install extensions in the Citrix Enterprise Browser.
- “Extension Install Allow list” - Allow the administrator to configure an allowed list of extensions that users can add to the Citrix Enterprise Browser. This list leverages the Chrome Web Store.

For more information, see [Use Global App Config service to manage Citrix Enterprise Browser](#).

You can register for this technical preview by using this [Podio form](#).

**Note:**
Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might
or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Fixed issues

There are no fixed issues in this release.

105.1.1.19

This release of the Enterprise Browser is installed with the Citrix Workspace app for macOS 2210 and it is based on Chromium version 105.

Rebranding Citrix Workspace Browser

Citrix Workspace Browser is now Citrix Enterprise Browser. The custom scheme is now changed from citrixworkspace:// to citrixbrowser://.

Note:
If you have pinned the Citrix Workspace Browser icon to the docker, you must remove it manually.

Implementing this transition in our products and their documentation is an ongoing process. Your patience during this transition is appreciated.

• The product UI, in-product content, and the images and instructions in product documentation will be updated in the coming weeks.
• It’s possible that some items (such as commands and MSIs) might continue to retain their former names to prevent breaking existing customer scripts.
• Related product documentation and other resources (such as videos and blog posts) that are linked from this product documentation might still contain former names.

Make Citrix Enterprise Browser the work browser [Technical Preview]

You can now configure Citrix Enterprise Browser to open all work or enterprise links and apps configured by your administrator in the Citrix Workspace app. This feature provides a way for you to open only work links or web and SaaS apps in the Citrix Enterprise Browser. You can select an alternate browser to open any other non-work links or apps.

You can register for this technical preview by using this Podio form.
Citrix Enterprise Browser

Note:
Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Open all web and SaaS apps through the Citrix Enterprise Browser

In this release of the Enterprise Browser (in Citrix Workspace app for Windows), all internal web apps and external SaaS apps available in the Citrix Workspace app open in Citrix Enterprise Browser.

Support for browser extensions [Technical Preview]

You can add extensions that are provided by your administrator to the Citrix Enterprise Browser in a secure way. An administrator can deploy, manage, and control the extensions. End users can view and use the extension under citrixbrowser://extensions as required.

For more settings, see Global App Configuration service.

For more information on how to configure, see Support for browser extensions.

You can register for this technical preview by using this Podio form.

Note:
Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Use Global App Config service to manage Citrix Enterprise Browser [Technical Preview]

The administrator can use the Global App Configuration service for Citrix Workspace to deliver Citrix Enterprise Browser settings through a centrally managed service.

The Global App Configuration service is designed for administrators to easily configure Citrix Workspace and manage the Citrix Workspace app settings. This feature allows admins to use the Global App Configuration service to apply various settings or system policies to the Citrix Enterprise Browser on a particular store. The administrator can now configure and manage the following Citrix Enterprise Browser settings using the Global App Configuration service:
Citrix Enterprise Browser

- “Enable CWB for all apps” - Makes the Citrix Enterprise Browser the default browser for opening web and SaaS apps from the Citrix Workspace app.
- “Enable save passwords” - Allow or deny end users the ability to save passwords.
- “Enable incognito mode” - Enable or disable incognito mode.
- “Managed Bookmarks” - Allow administrator to push bookmarks to the Citrix Enterprise Browser.
- “Enable developer tools” - Enable or disable developer tools within the Enterprise Browser.
- “Delete browsing data on exit” - Allow the administrator to configure what data the Citrix Enterprise Browser deletes on exit.
- “Extension Install Force list” - Allow the administrator to install extensions in the Citrix Enterprise Browser.
- “Extension Install Allow list” - Allow the administrator to configure an allowed list of extensions that users can add to the Citrix Enterprise Browser. This list leverages the Chrome Web Store.

For more information, see Use Global App Config service to manage Citrix Enterprise Browser.

You can register for this technical preview by using this Podio form.

Note:
Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Fixed issues

There are no fixed issues in this release.

103.2.1.10

This release of the Enterprise Browser (in Citrix Workspace app for macOS 2209) is based on Chromium version 103.

Fixed issues

This release addresses issues that help to improve overall performance and stability.

103.1.1.14

This release of the Enterprise Browser (in Citrix Workspace app for macOS 2208.1) is based on Chromium version 103.
Citrix Enterprise Browser Profiles

Profiles help you keep personal information such as history, bookmarks, passwords, and other settings separate for each of your Citrix Workspace accounts. Based your Workspace store, a profile is created, allowing you to have a unique and personalized browsing experience.

**Note:**

After you upgrade to version 103.1.1.14 and sign in to the device for the first time, only your previously saved passwords are removed. When you sign in to the device using a different store for the first time, all your previously saved data is lost.

Open all web and SaaS apps through the Citrix Enterprise Browser [Technical Preview]

From this release, all internal web apps and external SaaS apps available in the Citrix Workspace app open in Citrix Enterprise Browser.

You can register for this technical preview by using this Podio form.

**Note:**

Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Fixed issues

This release addresses issues that help to improve overall performance and stability.

**102.1.1.14**

This release of the Enterprise Browser (in Citrix Workspace app for Windows 2207) is based on Chromium version 102.

Open all web and SaaS apps through the Citrix Enterprise Browser [Technical Preview]

From this release, all internal web apps and external SaaS apps available in the Citrix Workspace app open in Citrix Enterprise Browser. You can register for this technical preview by using this Podio form.

**Note:**

Technical previews are available for customers to test in their non-production or limited produc-
Citrix Enterprise Browser

...tion environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Fixed issues

This release addresses issues that help to improve overall performance and stability.

101.1.1.14

- This release of the Enterprise Browser (in Citrix Workspace app for macOS) is based on Chromium version 101.
- Citrix Workspace app now alerts you about closing active browser windows, when you do any of the following in the Citrix Workspace app:
  - Sign out from a store
  - Switch to a different store
  - Add a new store
  - Delete the current store

Fixed issues

This release addresses issues that help to improve overall performance and stability.

101.1.1.12

This release of the Enterprise Browser (in Citrix Workspace app for Windows) is based on Chromium version 101.

Fixed issues

This release addresses issues that help to improve overall performance and stability.

101.1.1.9

This release of the Enterprise Browser (in Citrix Workspace app for Windows) is based on Chromium version 101.
Fixed issues

This release addresses issues that help to improve overall performance and stability.

99.1.1.8

This release of the Enterprise Browser (on macOS) is based on Chromium version 99.

Make Citrix Enterprise Browser your default browser

You can now make Citrix Enterprise Browser your default browser. Once you have made the Citrix Enterprise Browser your default browser, all links and Web and SaaS apps open in the Citrix Enterprise Browser by default.

For more information about making Citrix Enterprise Browser your default browser, see Set Citrix Enterprise Browser as the default browser.

Open Citrix Enterprise Browser from the Workspace icon in the system tray

You can now open Citrix Enterprise Browser from the Workspace app icon on Windows OS. To open the Citrix Enterprise Browser from the Workspace app icon in the system tray, right-click the Workspace app icon and click Open Citrix Enterprise Browser.
If you have not already signed in to the Workspace app, you must provide your credentials and refresh the page when prompted.

Note:
The Open Citrix Enterprise Browser option isn’t available if your system administrator hasn’t added any web or SaaS apps in the Workspace app.
Fixed issues

- On devices running macOS, the **Look Up** option is grayed out when the **Restrict clipboard access** policy is enabled. [CTXBR-1812]
- The **Save link as** option is enabled for SaaS apps when the **Restrict clipboard access** policy is enabled. [CTXBR-1827]
- When the **Restrict clipboard access** is enabled, you cannot drag selections from a webpage to the text editor although the webpage supports it. [CTXBR-1829]
- On devices running macOS, Advanced Audio Coding (AAC) isn’t supported. [CTXBR-1844]

98.1.2.20

This release of the Enterprise Browser is based on Chromium version 98.

Support for an enhanced Single sign-on (SSO) experience for web and SaaS apps [Technical Preview]

This feature simplifies the configuration of SSO for internal web apps and SaaS apps while using third-party identity providers (IdPs) in the Workspace app for Windows. The enhanced SSO experience reduces the entire process to a few commands. It eliminates the mandatory prerequisite to configure Citrix Secure Private Access in the IdP chain to set up SSO. It also improves the user experience, provided the same IdP is used for authentication to both the Workspace app and the particular web or SaaS app being launched.

You can register for this technical preview by using this [Podio form](#).

**Note:**

Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Fixed issues

This release addresses several issues that help to improve overall performance and stability.

98.1.2.17

This release of the Enterprise Browser is based on Chromium version 98.
Support for an enhanced Single sign-on (SSO) experience for web and SaaS apps [Technical Preview]

This feature simplifies the configuration of SSO for internal web apps and SaaS apps while using third-party identity providers (IdPs) in the Workspace app for Mac. The enhanced SSO experience reduces the entire process to a few commands. It eliminates the mandatory prerequisite to configure Citrix Secure Private Access in the IdP chain to set up SSO. It also improves the user experience, provided the same IdP is used for authentication to both the Workspace app and the particular web or SaaS app being launched.

You can register for this technical preview by using this Podio form.

Note:

Technical previews are available for customers to test in their non-production or limited production environments, and to give customers an opportunity to share feedback. Citrix does not accept support cases for feature previews but welcomes feedback for improving them. Citrix might or might not act on feedback based on its severity, criticality, and importance. It’s advised that Beta builds aren’t deployed in production environments.

Fixed issues

This release addresses several issues that help to improve overall performance and stability.

97.1.2.22

• This release of the Enterprise Browser is based on Chromium version 97.

• As part of the branding update, the browser is renamed as Citrix Enterprise Browser in the UI and system files.

• View Enterprise Browser version details.: you can now view the complete version details of the Citrix Enterprise Browser by typing the following URL in the address bar: citrixbrowser://version/.

• Collect Citrix Enterprise Browser logs.: you can collect details about browser activity and network configuration by navigating to Settings > Advanced > Logs. By default, the log collection level is set to Error, which is the recommended value.
You can customize the log collection level by selecting one of the following values from the drop-down list:

- **Verbose**
- **Info**
- **Warning**
- **Error (Recommended)**
- **Fatal**

For more information about collecting logs, see Log collection.

**Fixed issues**

This release addresses several issues that help to improve overall performance and stability.

**95.1.1.19**

This release addresses issues that help to improve overall performance and stability.

**Fixed issues**

- If a Progressive Web App (PWA) that is protected is opened on macOS, the App Protection policies aren’t enforced. [RFMAC-10128]

**92.2.1.10**

This release addresses issues that help to improve overall performance and stability.
Fixed issues

- On devices running macOS, the Advanced Audio Coding (AAC) isn’t supported. [CTXBR-1844]
- In the Enterprise Browser, you’re unable to capture screenshots of browser windows that aren’t protected. This issue occurs when protected browser windows are minimized. This issue occurs intermittently. [CTXBR-1925]
- Open a protected SaaS app, open a new tab, and separate the new tab into a new window by dragging it out of the tab bar. Now arrange two windows next to each other and open a new tab in the second window and take a screenshot. You can capture the screenshot for the protected SaaS app as well. This issue occurs on macOS. [RFMAC-10060]

92.1.1.31

This release addresses issues that help to improve overall performance and stability.

Fixed issues

- The browser crashes when you switch from the protected desktop session window to the unprotected SaaS app. This issue occurs on macOS when you’ve opened a protected app, an unprotected SaaS app, and a protected desktop session. [CTXBR-2087]
- If your administrator has installed external extensions in Google Chrome, the Citrix Enterprise Browser crashes when you open it. [CTXBR-2135]

Known issues

Known issues in 115.1.1.103 for macOS

- When you sign in to Citrix Workspace app with a cloud store that doesn’t have Secure Private Access entitlement, and if you open Citrix Enterprise Browser, an incorrect error message appears:
  
  **Sign in to Citrix Workspace app again and refresh this page.**
  
The expected error message is:
  
  **Secure Private Access entitlements aren’t available for your store.**
  
  [CTXBR-5838]

Known issues in 109.1.1.29 for Windows

- When the end user doesn’t have Citrix Enterprise Browser installed, the published URLs with the **SPAEnabled** tag open through the device’s default browser instead of Citrix Enterprise Browser.
In such a case, the security policies don’t apply. The issue occurs on the StoreFront deployments only. [CTXBR-4753]

**Known issues in 107.1.1.13 for macOS**

- On macOS Ventura devices, progressive web apps (PWA) fail to open. The following error message appears:
  
  “App Name is damaged and can’t be opened. You should move it to the Bin”.

  As a workaround, right-click on the app and select **Open**. If you are using the keyboard, press the **Ctrl** key and click on the app. Select **Open**. [CTXBR-3885]

**Known issues in 107.1.1.13 for Windows**

- Some SaaS apps which have enhanced security set to **OFF** fail to open in Citrix Enterprise Browser if Citrix Enterprise Browser is the default browser. [CTXBR-4106]

**Known issues in 99.1.1.9**

- When traffic is tunneled through NGS, Citrix Workspace app might fail to upload or download files that are greater than 64 MB. [CTXBR-3354]

**Known issues in 98.1.2.17**

- After upgrading from Citrix Enterprise Browser version 2201 to version 2203, previously saved passwords are lost and you’re unable to save new passwords. This issue occurs in the Citrix Workspace app for Mac version 2203. [CTXBR-3063]

**Known issues in 92.1.1.31**

- On devices running macOS, the **Look Up** option is grayed out and not available when the **Restrict clipboard access** policy is enabled. [CTXBR-1812]

- The **Save link as** option still is enabled for SaaS apps when the **Restrict clipboard access** policy is enabled. [CTXBR-1827]

- When the **Restrict clipboard access** is enabled, you can’t drag selections from a webpage to the text editor although the webpage supports it. [CTXBR-1829]

- If you open the Enterprise Browser as a standalone app by clicking the icon when you aren’t signed in to the Workspace app, an authentication prompt appears. When you sign in to the Workspace app and click the refresh icon continuously on the browser window, a blank page appears. [CTXBR-1834]
Citrix Enterprise Browser

• On devices running macOS, Advanced Audio Coding (AAC) isn’t supported. [CTXBR-1844]

• While you’re logged into the Workspace app for Mac and the network connection is lost and restored again, the following error message appears:

“You are no longer signed into Citrix Workspace”

This issue occurs when you open a resource by starting the Citrix Enterprise Browser from the Library folder before the network connection is restored. [CTXBR-1888]

• Install a Progressive Web App from both Google Chrome and Enterprise Browser, and then uninstall either one of the apps. This action removes the desktop icon for both the app instances. [CTXBR-1893]

• Active Citrix Enterprise Browser windows don’t close when the Citrix Workspace app is reset from the system tray. [CTXBR-1899]

• In the Enterprise Browser, you’re unable to capture screenshots of browser windows that aren’t protected. This issue occurs when protected browser windows are minimized. This issue occurs intermittently. [CTXBR-1925]

• If Google Chrome has managed extensions, then Citrix Enterprise Browser crashes on launch. [CTXBR-2135]

• Open a protected SaaS app, open a new tab, and separate the new tab into a new window by dragging it out of the tab bar. Now arrange two windows next to each other and open a new tab in the second window and take a screenshot. You can capture the screenshot for the protected SaaS app as well. This issue occurs on macOS. [RFMAC-10060]

• If a Progressive Web App (PWA) that is protected is opened on macOS, the App Protection policies aren’t enforced. [RFMAC-10128]

Third-party notices

Citrix Enterprise Browser might include third-party software licensed under the terms defined in the following document:

Third Party Libraries for Citrix Enterprise Browser

System requirements and compatibility

October 6, 2023

Citrix Enterprise Browser (formerly Citrix Workspace Browser) is available starting from:
The Citrix Enterprise Browser (formerly Citrix Workspace Browser) is released with the Citrix Workspace app for Windows and Mac. Web and SaaS apps open in the Enterprise Browser by default.

When you open a web or SaaS app in Citrix Workspace app for the first time, the app opens in the Enterprise Browser window. You can identify the browser windows by the following icon:

The app opens in the Enterprise Browser window and the following screen appears along with a search bar:

**On Windows:**
On macOS:

All subsequent apps open in new tabs. You can log out of the Citrix Workspace app and continue to
use the Enterprise Browser until the session cookies time out.

**Configure**

October 6, 2023

Administrators can enforce enhanced access security policies for secure access to Web or SaaS apps. Administrators can restrict actions such as restricted printing, uploads, downloads, and clipboard access (copy-paste), and so on.

When a webpage and the iframes within the webpage have different policies, we now have a stricter policy implementation where a union of all policies are applied on the entire webpage, including the iframes. However, the watermark is applied to the webpage only.

For more information, see Get started with Citrix Secure Private Access. The policies are applied on a per-app and per-URL basis.

Administrator must specify the content access settings in the Citrix Secure Private Access to control the policies.

Following articles help you manage policies and Citrix Enterprise Browser:

- Secure Private Access for Citrix Workspace
- Secure Private Access support for StoreFront
- Manage Citrix Enterprise Browser through GACS
- Simplified Single sign-on for web and SaaS apps
- Citrix Enterprise Browser shortcut
- Independent upgrade of Citrix Enterprise Browser

**Secure Private Access for Citrix Workspace**

September 8, 2023

When a webpage and the iframes within the webpage have different policies, we now have a stricter policy implementation where a union of all policies are applied on the entire webpage, including the iframes. However, the watermark is applied to the webpage only.

**Note:**

- For more information on Citrix Secure Private Access and its features, see Admin-guided workflow for easy onboarding and set up.
Restrictions

Administrator can restrict actions such as:

- **Restrict clipboard access**: Disables cut, copy, and paste operations between the app and the endpoint’s clipboard.

- **Restrict printing**: Disables the ability to print from within the app.

- **Restrict downloads**: Disables the ability to download from within web and SaaS apps or copy files from the browser.

- **Restrict upload**: Disables the ability to upload files.
Note:
The restrict upload feature is available on:

- Windows 105.1.1.27 and later
- Mac 105.1.1.36 and later

- **Display watermark**: Overlays a screen-based watermark that shows the user name and public IP address of the endpoint.

Note:
The **Restrict navigation** option isn't supported.

**App protection policies**

- **Restrict keylogging**: Protects users from keyloggers.

- **Restrict screen capturing**: Disables capturing screenshots or screen recording for the app that this policy is applied to. This policy is applied as long as a protected tab is visible (not minimized) in your browser window.

Notes:

- If you have applied enhanced security features such as restriction or watermark through the Secure Workspace App panel when deploying SaaS apps, the app opens in the Citrix Enterprise Browser.
- If no additional security features are applied, the app opens in the native browser.

**Secure Private Access support for StoreFront**

September 8, 2023

As an administrator, you can now configure Web and SaaS apps in StoreFront using a Secure Private Access solution. After the administrator configures the app, end users can open the Web and SaaS apps using Citrix Enterprise Browser with enhanced security.

For more information, see:

- [Secure Private Access](#) for on-premises in the Citrix Secure Private Access documentation.
Citrix Enterprise Browser

- Deployment Guide: Citrix Secure Private Access On-Premises

Manage Citrix Enterprise Browser through GACS

September 21, 2023

Administrators can manage the following features using Global App Configuration service (GACS).

Use GACS to manage Citrix Enterprise Browser

The administrator can use the Global App Configuration service (GACS) for Citrix Workspace to deliver Citrix Enterprise Browser settings through a centrally managed service. GACS is designed for administrators to easily configure Citrix Workspace and manage the Citrix Workspace app settings. This feature allows admins to use the GACS to apply various settings or system policies to the Citrix Enterprise Browser on a particular store. The administrator can now configure and manage the following Citrix Enterprise Browser settings using APIs or the GACS Admin UI:

- “Enable CEB for all apps” - Makes the Citrix Enterprise Browser the default browser for opening web and SaaS apps from the Citrix Workspace app.
- “Enable save passwords” - Allow or deny end users the ability to save passwords.
- “Enable incognito mode” - Enable or disable incognito mode.
- “Managed Bookmarks” - Allow administrator to push bookmarks to the Citrix Enterprise Browser.
- “Enable developer tools” - Enable or disable developer tools within the Enterprise Browser.
- “Delete browsing data on exit” - Allow the administrator to configure what data the Citrix Enterprise Browser deletes on exit.
- “Extension Install Force list” - Allow the administrator to install extensions in the Citrix Enterprise Browser.
- “Extension Install Allow list” - Allow the administrator to configure an allowed list of extensions that users can add to the Citrix Enterprise Browser. This list leverages the Chrome Web Store.

Notes:

- The name and value pair are case-sensitive.
- All the browser settings in GACS are under the following category:

```json
{
    "category": "browser",
    "userOverride": false,
    "assignedTo": [],
    "AllUsersNoAuthentication"
}
```

© 1999–2023 Cloud Software Group, Inc. All rights reserved.
The administrator can apply the settings to unmanaged devices as well. For more information, see the Global App Configuration service documentation.

**User interface**

To configure Citrix Enterprise Browser through the GACS Admin UI, do the following:

1. **Sign in to** citrix.cloud.com **with your credentials.**

   **Note:**
   - Refer to the Sign Up for Citrix Cloud article for step-by-step instructions to create a Citrix Cloud account.

2. **Upon authentication, click the menu button in the top left corner and select Workspace Configuration.**
The **Workspace Configuration** screen appears.

3. Click **App Configuration > Citrix Enterprise Browser**.

You can now configure, modify, and publish Citrix Enterprise Browser feature settings.

**Enable Citrix Enterprise Browser for all apps**

Administrators can configure Citrix Enterprise Browser as the default browser to start web and SaaS apps from the Citrix Workspace app.

**Configuration through API**

To configure, here is an example JSON file for **Citrix Enterprise Browser for all apps as default**:

```json
"settings": [
    {
        "name": "open all apps in ceb",
        "value": "true"
    }
]
```

**Note:**
- The default value is **true**.

**Configuration through UI**

Select the appropriate checkbox from the UI:

**Enable save passwords**

Administrators can allow or deny the saving of user passwords.

**Configuration through API**

To configure, here is an example JSON file to **save passwords**:

```json
"settings": [
    {
    }
]
```
"name": "enable password save",
   "value": "true"
 } ]

Note:
- The default value is **true**.

**Configuration through UI**
Select the appropriate checkbox from the UI:

**Enable incognito mode**
Administrators can enable or disable incognito mode.

**Configuration through API**
To configure, here is an example JSON file to **enable incognito mode**:

```
"settings": [
  {
    "name": "Incognito mode availability",
    "value": "Incognito mode available"
  }
]
```

The other possible values are:
- Incognito mode available
- Incognito mode disabled

Note:
- The default value is **false**.
Configuration through UI

Select the appropriate checkbox from the UI, and then select an option from the drop-down list:

Manage bookmarks

Administrators can configure a list of bookmarks with a nested folder structure. The end user can access the preloaded bookmarks but can’t modify them. For more settings, see Global App Configuration service.

Note:

- By default, the Bookmarks bar isn’t enabled in Citrix Enterprise Browser. The end user has to navigate to citrixbrowser://settings/appearance and enable “Show bookmarks bar” option.

Configuration through API

To configure, here is an example JSON file to manage bookmarks:

```json
{
    "name": "Managed bookmarks",
    "value": [
        {
            "toplevel_name": "My managed bookmarks folder"
        },
        {
            "name": "Citrix",
            "url": "https://www.citrix.com/
        },
        {
            "name": "Citrix Workspace app",
            "url": "https://www.citrix.com/products/receiver.html"
        },
        {
            "name": "Citrix Downloads",
            "children": [
```
Note:
- The default value is an empty list.

**Configuration through UI**

Select the appropriate checkbox, and click **Manage Settings**. You can configure using the JSON data and save the changes.

**Enable developer tools**

Administrators can enable or disable developer mode.

**Configuration through API**

To configure, here is an example JSON file to **enable developer tools**:

```json
"settings": [
  {
    "name": "developer tools availability",
    "value": "Allow usage of the Developer Tools"
  }
]
```
Other possible values:

- Disallow usage of the Developer Tools on extensions installed by enterprise policy
- Disallow usage of the Developer Tools

Note:

- The default value is **Disallow usage of the Developer Tools**.

**Configuration through UI**

Select the appropriate checkbox from the UI, and then select an option from the drop-down list:

**Delete browsing data on exit**

Administrators can configure what data the Citrix Enterprise Browser deletes on exit.

**Configuration through API**

To configure, here is an example JSON file to delete **browsing data** upon exit:

```json
"settings": [{
  "name": "Delete browsing data on exit",
  "value": [
    "browsing_history",
    "download_history",
    "cookies_and_other_site_data",
    "cached_images_and_files",
    "password_signin",
    "autofill",
    "site_settings",
    "hosted_app_data"
  ]
}
```

<!--NeedCopy-->
Notes:

- You can exclude a value to avoid being deleted.
- The default value is an empty list.

Configuration through UI

Select the appropriate checkbox from the UI, and then select an option from the drop-down list:

Support for browser extensions

You can add extensions that are provided by your administrator to the Citrix Enterprise Browser in a secure way. An administrator can deploy, manage, and control the extensions. End users can view and use the extension under `citrixbrowser://extensions` as required. For more settings, see Global App Configuration service.

For more information on how to identify an extension ID, see How to identify an extension ID article.

How to configure

There are two categories of extensions:

- **ExtensionInstallForcelist**: The administrator can configure a list of extensions that are mandatorily added to the end user's browser profile. End users can view these extensions under the **Installed** section in the UI. The user can't uninstall any of the extensions.

- **ExtensionInstallAllowlist**: The administrator can configure a list of extensions as part of the allowed list. End users can view these extensions under the **Available** section in the UI. Users can decide if they want to add a particular extension or not. Users can uninstall an extension if required.

Note:

- In case the administrator has no extensions configured under the **Installed** and **Available** sections, the end user might not view the extension manager icon in the address bar.
Forced extensions

You can configure the list of forced extensions in one of the following ways:

Configuration through API

To configure, here is an example JSON file for `ExtensionInstallForcelist`:

```json
{
    "category": "browser",
    "userOverride": false,
    "assignedTo": [
        "AllUsersNoAuthentication"
    ],
    "settings": [
        {
            "name": "Extension Install Force list",
            "value": [
                "extension_id1",
                "extension_id2"
            ]
        }
    ]
}
```
Note:

- The default value is an empty list.

Configuration through UI

Select the appropriate checkbox from the UI, and then click Manage settings. You can configure using the JSON data and save the changes.

Allowed extensions

You can configure the list of allowed extensions in one of the following ways:

Configuration through API

To configure, here is an example JSON file for ExtensionInstallAllowlist:

```json
{
    "category": "browser",
    "userOverride": false,
    "assignedTo": [
        "AllUsersNoAuthentication"
    ],
    "settings": [
        {
            "name": "Extension Install Allow list",
            "value": [
                {
                    "id": "extension_id1",
                    "name": "Name of extension",
                    "install link": "chrome store url for the extension"
                },
                {
                    "id": "extension_id2",
                    "name": "Name of the extension",
                    "install link": "chrome store url for the extension"
                }
            ]
        }
    ]
}
```
Note:

- The default value is an empty list.

Configuration through UI

Select the appropriate checkbox from the UI, and then click **Manage settings**. You can configure using the JSON data and save the changes.

How to identify an extension ID

1. Go to **Chrome Web Store**.
2. Search for an app and click to open.
   The app page appears.
3. Observe the URL. The ID is the long string of characters at the end of the URL.

Example JSON data

Following is an example JSON file:
{  
  "category": "browser",
  "userOverride": false,
  "assignedTo": [
    "AllUsersNoAuthentication"
  ],
  "settings": [
    {
      "name": "open all apps in cwdb",
      "value": true
    },
    {
      "name": "incognito mode availability",
      "value": "Incognito mode available"
    },
    {
      "name": "developer tools availability",
      "value": "Allow usage of the Developer Tools"
    },
    {
      "name": "enable password save",
      "value": true
    },
    {
      "name": "Delete browsing data on exit",
      "value": [
        "browsing_history",
        "download_history"
      ]
    },
    {
      "name": "Managed bookmarks",
    }
  ]
}
"value": [
  {
    "toplevel_name": "My managed bookmarks folder"
  },
  {
    "name": "Citrix",
    "url": "https://www.citrix.com/"
  },
  {
    "name": "Citrix Workspace app",
    "url": "https://www.citrix.com/products/receiver.html"
  },
  {
    "children": [
      {
        "name": "documentation",
        "url": "https://docs.citrix.com/en-us/citrix-workspace-app.html"
      },
      {
        "name": "Citrix Downloads",
        "url": "https://www.citrix.com/downloads/workspace-app/"
      }],
    "name": "Chrome links"
  }
],
"name": "Chrome links"}
Simplified Single sign-on for web and SaaS apps

January 13, 2023

Single sign-on (SSO) is an authentication capability that lets users access multiple applications with
one set of sign-in credentials. Enterprises typically use SSO authentication to provide simpler access to a variety of web, on-premises, and cloud applications for a better user experience.

SSO feature gives administrators more control over:

- user access
- reduce password-related support calls
- improve security and compliance.

Previously, SSO was required to be configured for every web or SaaS app that was deployed. For more information, see Workspace Single Sign-On.

Now, this feature aims at reducing the SSO configuration to a single PowerShell command for all the web and SaaS apps across platforms, without configuring the Gateway Service in the identity providers (IdPs) chain. This feature also improves the user experience, provided the same IdP is used for authentication to both the Citrix Workspace app and the web or SaaS app being launched.

The PowerShell module uses the StoreFrontConfiguration service that runs in Citrix Cloud to get and set the configurations for your workspace. This module helps you to configure certain properties for your Citrix Workspace.

To download, click PowerShell Module for Citrix Workspace Configuration.

Prerequisites

- Use the same identity provider (IdP) for authenticating to the Citrix Workspace app and a particular web or SaaS app.
- Enable persistent cookies within the third-party IdP configuration for seamless SSO experience.
- The minimum Citrix Workspace app version required on the native operating systems is:
  - Citrix Workspace app for Win 2204.1
  - Citrix Workspace app for macOS 2203.1
  - Citrix Workspace app for Android 22.3.5
  - Citrix Workspace app for iOS 22.3.5
- This feature is not supported on Android and iOS if Google IdP is used.

Note:

- The simplified SSO feature changes the web view that is required for authenticating the Citrix Workspace app for Android to Android WebView and Citrix Workspace app for iOS to WKWebView. Citrix recommends administrator to test Android WebView and WKWebView to verify limitations that might affect when using other Endpoint Management configurations like conditional access with Intune.
- You can turn off the SSO feature for a particular operating system if necessary. For more
Before you begin

To configure SSO, you must have the following:

- ClientID
- ClientSecret
- PowerShell command syntax

Get ClientID and ClientSecret

To generate the ID and the Secret values, do the following:

1. Sign in to the Citrix Cloud console with your Citrix cloud credentials.
3. Go to the API Access tab > Secure Clients > enter the secure client’s name in the Name your Secure Client field > click Create Client.

The ID and Secret have been created successfully message appears.

4. (Optional) Download the ID and the Secret values in a .csv file format for future use. For more information, see Get started with Citrix Cloud APIs.

PowerShell module syntax

The PowerShell module consists of the following two commands:

- Get-WorkspaceCustomConfigurations
- Set-WorkspaceCustomConfigurations

Get-WorkspaceCustomConfigurations

The syntax is as follows:

Example:

```powershell
1 Get-WorkspaceCustomConfigurations -WorkspaceUrl 'https://xyz.cloud.com' -ClientId 'abc-0000-xyz00' -ClientSecret 'abcdefg12345'
2 <!--NeedCopy-->```

Note:
The client secret has been redacted.

**Set-WorkspaceCustomConfigurations**

The syntax is as follows:

```
```

Example:

```powershell
1 Set-WorkspaceCustomConfigurations -WorkspaceUrl 'https://xyz.cloud.com' -ClientId 'abc-0000-xyz00' -ClientSecret 'abcdefg12345' -IdpDomains @('abc.okta.com', 'xyz.okta.com') -IosWebViewType 'wkwebview' -AndroidWebViewType 'webview' -WindowsShareIdpSessions $true -MacShareIdpSessions $true -LinuxShareIdpSessions $true
2 <!--NeedCopy-->```
The client secret has been redacted.

The following table describes the key-value pair:

<table>
<thead>
<tr>
<th>Key</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>IdPDomains</td>
<td>List of IdP domains. The list depends on the identity provider used in the environment.</td>
</tr>
<tr>
<td>WindowsShareIdpSessions</td>
<td>Boolean value to toggle the functionality on the Citrix Workspace app for Windows. The accepted values are either true or false.</td>
</tr>
<tr>
<td>MacShareIdpSessions</td>
<td>Boolean value to toggle the functionality on the Citrix Workspace app for macOS. The accepted values are either true or false.</td>
</tr>
<tr>
<td>LinuxShareIdpSessions</td>
<td>Boolean value to toggle the functionality on the Citrix Workspace app for Linux. This functionality is not available for Citrix Workspace app Linux. The accepted values are either true or false.</td>
</tr>
<tr>
<td>IosWebViewType</td>
<td>The WKWebView is used to authenticate when you sign in to the Citrix Workspace app for iOS. The accepted values are either wkwebview (WKWebView) to enable SSO or safari (SafariViewController) to disable SSO. The SafariViewController is the default authentication web view for the Citrix Workspace app for iOS.</td>
</tr>
</tbody>
</table>
Citrix Enterprise Browser

<table>
<thead>
<tr>
<th>Key</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>AndroidWebViewType</td>
<td>The WebView is used to authenticate when you sign in to the Citrix Workspace app for Android. The accepted values are either <strong>webview</strong> (WebView) to enable SSO or <strong>cctab</strong> (ChromeCustomTab) to disable SSO. The <strong>ChromeCustomTab</strong> is the default authentication web view for the Citrix Workspace app for Android.</td>
</tr>
</tbody>
</table>

**How to configure SSO**

To configure SSO using the PowerShell module, do the following:

1. Download and save the [PowerShell Module for Citrix Workspace Configuration](#).
2. Open PowerShell.
4. Import the PowerShell module. The syntax is as follows:
   ```powershell
   Import-Module ./Citrix.Workspace.StoreConfigs
   ```
5. Run the `Get-WorkspaceCustomConfigurations` command to check the existing values.
6. Run the `Set-WorkspaceCustomConfigurations` command to apply SSO.

**Citrix Enterprise Browser shortcut**

October 16, 2023

Starting with the Citrix Workspace app for Windows 2309 version (112.1.1.24), an administrator can configure and control the presence of the Citrix Enterprise Browser shortcut on the **Start** menu.

Similarly, on Citrix Workspace app for Mac 2307 version (113.1.1.34), on the **Launchpad** in Mac.

**Note:**

- By default, this setting is enabled for Workspace stores.

**Configuration**

An IT administrator can configure the presence of the Citrix Enterprise Browser shortcut in one of the following ways:
Citrix Enterprise Browser

- Group Policy Object (GPO)
- Global App Configuration service (GACS)
- web.config.file.
- Mobile Device Management (MDM)

Notes:
- All the configuration methods have equal priority. Enabling any one of them enables the shortcut.
- If you haven’t configured the shortcut but have one or more Workspace stores, the shortcut gets automatically enabled.
- For end users, the Citrix Enterprise Browser shortcut appears if the user makes it as a Favorite App irrespective of the configuration.
- To disable this feature for Workspace stores, administrators must apply the following settings in any one of the following:
  - set the CEBShortcutEnabled attribute to false in the web.config file.
  - disable the Enable Citrix Enterprise Browser shortcut property in GPO and GACS.

Using Group Policy Object

Administrators can use the Enable Citrix Enterprise Browser shortcut property to control the display of the Citrix Enterprise Browser shortcut on the Start menu.

Note:
Configuration through GPO is applicable on Workspace and StoreFront.

To enable the Citrix Enterprise Browser shortcut, do the following:

1. Open the Citrix Workspace app Group Policy Object administrative template by running gedit.msc.
2. Under the Computer Configuration node, go to Administrative Templates > Citrix Components > Citrix Workspace > Citrix Enterprise Browser.
3. Select the Enable Citrix Enterprise Browser shortcut option.
For more information on how to use the GPO, see Group Policy Object administrative template in Citrix Workspace app for Windows documentation.

**Global App Configuration service (GACS)**

Administrators can enable **Enable Citrix Enterprise Browser shortcut** as follows:

**Configuration through API**

To configure, here's an example JSON file to enable **Enable Citrix Enterprise Browser shortcut**:

```json
1   "settings" : [
2     {
3     "name": "enable citrix enterprise browser shortcut",
4     "value": true
5     }
6   ]
7
8  <!--NeedCopy-->
```
Citrix Enterprise Browser

Note:

- The default value is **Null**.

Configuration through UI

Navigate to **Workspace Configuration > App Configuration > Citrix Enterprise Browser** and enable **Enable Citrix Enterprise Browser shortcut**.

Select the appropriate checkbox from the UI:

```
List Of Allowed Extensions
You can add a list of extensions that the end users can install within the Citrix Enterprise Browser. The end user can’t install other extensions apart from the allowed list. Learn More
0 Configured, 0 Unsaved

Add Managed Bookmarks
You can add a list of bookmarks to the Citrix Enterprise Browser. The end user can’t modify these bookmarks.
0 Configured, 0 Unsaved

Delete Browsing Data On Exit
You can configure what type of data the Citrix Enterprise Browser can delete when the end user exits the browser. Note: Deleting the browsing data can affect usability. Learn More
0 Configured, 0 Unsaved

Enable Citrix Enterprise Browser Shortcut
Create a Citrix Enterprise Browser shortcut on the Start menu in Windows and Launchpad in macOS. If a user removes Enterprise Browser as favorite, a shortcut is created irrespective of the configuration.

<table>
<thead>
<tr>
<th></th>
<th>Mac</th>
<th></th>
<th>Windows</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enabled</td>
<td></td>
<td>Disabled</td>
<td></td>
</tr>
</tbody>
</table>
```

For more information on how to use the GACS UI, see **User interface** article in the Citrix Enterprise Browser documentation.

Note:

This way of configuration is applicable on Workspace and StoreFront.

**web.config file**

Enable the attribute **CEBShortcutEnabled** under the properties.

```
<properties>
  <property name="CEBShortcutEnabled" value="True" />
</properties>
```
Citrix Enterprise Browser

**Note:**
Configuration through `web.config` is applicable on StoreFront.

**Using web.config**

To enable the Citrix Enterprise Browser shortcut, do the following:

1. Use a text editor to open the `web.config` file, which is typically at `C:\inetpub\wwwroot\Citrix\Roaming` directory.

2. Locate the user account element in the file (Store is the account name of your deployment)
   For example: `<account id="... name="Store">`

3. Before the `</account>` tag, navigate to the properties of that user account and add the following:

   ```xml
   <properties>
   <property name="CEBShortcutEnabled" value="True" />
   </properties>
   ```

Following is an example of the `web.config` file:

```xml
<account>
  <clear />
  <account id="d1197d2c-ac82-4f13-9346-2ee14d4b0202" name="F84Store">
    description="" published="true" updaterType="Citrix" remoteAccessType="None">
    <annotatedServices>
      <clear />
      <annotatedServiceRecord serviceRef="1__Citrix_F84Store">
        <metadata>
          <plugins>
            <clear />
            </plugins>
            <trustSettings>
            <clear />
            </trustSettings>
            <properties>
            <property name="CEBShortcutEnabled" value="True" />
            </properties>
          </metadata>
        </annotatedServiceRecord>
      </annotatedServices>
    </clear>
  </account>
</account>
```
Mobile Device Management (MDM)

Administrators can push the settings `CEBSShortcutEnabled` set as `true` to the user’s device.

For more information on how to use MDM see, Mobile Device Management (MDM).

Note:

This way of configuration is applicable on Workspace and StoreFront.

Independent upgrade of Citrix Enterprise Browser

October 19, 2023

Starting with the Citrix Enterprise Browser for version 117.1.1.11, an administrator can upgrade the Citrix Enterprise Browser independently using the stand-alone installer. You can download the installer from the Downloads page of Citrix. The following section provides detailed information about the configuration of an independent installer.

Prerequisites

For the successful upgrade of Citrix Enterprise Browser using the independent installer, make sure that the following requirements are met. Otherwise, the installation fails with an error message.
Citrix Enterprise Browser

• Make sure that the Citrix Workspace app is already installed on your device before installing the independent installer.

• The independent installer doesn’t installs Citrix Enterprise Browser when the current or higher version of Citrix Enterprise Browser is already installed.

• The independent installer doesn’t installs or upgrades Citrix Enterprise Browser when the installed Citrix Workspace app version isn’t compatible for upgrade.

Upgrade Citrix Enterprise Browser on macOS

Method 1: Upgrade using the independent installer

1. Download the compatible version of the independent installer from the Downloads page.

2. Double-click the independent installer.

3. On the Install Citrix Enterprise Browser window, click Continue.

4. Enter your login credentials and then click Install Software.
"The installation was successful" message appears.

The installation was completed successfully.
Method 2: Auto Update

Note:

- This feature works only when admin enables the Auto update feature in the Citrix Workspace app.
- This feature is applicable only for the Citrix Enterprise Browser version 117 installer.

1. On your device, click the Quick Access icon on the menu bar.

2. Click your user profile picture, and then click Check for updates.

A window appears if any latest update is available.

3. On the Citrix Workspace Updater window, click Download.

4. Once the download is completed, click Install.
On successful installation, the Citrix Enterprise Browser gets updated to the latest version.

Upgrade Citrix Enterprise Browser on Windows

**Method 1: Upgrade using the independent installer**

1. From the Citrix Downloads page, download the independent installer that compatible with your Citrix Workspace app.

2. Right-click on the downloaded independent installer, and click **Run as administrator**.

   The update proceeds, and the installation gets completed successfully.
Method 2: Command-line based upgrade using the independent installer

The command-line based upgrade provides a silent upgrade, which allows you to perform the upgrade in the background without being prompted with the consent dialog box.

To perform the silent upgrade using the independent installer, launch the command prompt as an admin and type:

`CitrixEnterpriseBrowserInstaller.exe --silent`

Note: If you do not meet the requirements given in the Prerequisites, the silent upgrade doesn’t upgrade the Citrix Enterprise Browser.

Features

October 6, 2022

The Citrix Enterprise Browser (formerly Citrix Workspace Browser) brings you an enhanced and more native-like browser experience and supports the following features:

- **VPN-less access to internal web pages** – Access internal web apps without relying on a VPN.

- **Tabs and multiple windows** – Open multiple tabs and windows and easily switch between them. Every new web or SaaS app that you open in the Workspace app appear in a new tab in the Enterprise Browser. If many tabs are opened, the Enterprise Browser allows you to group similar tabs. You can also pin tabs in the browser window for easy access in the future. To open a tab in a new window, simply drag the tab out of your current browser window.

- **Progressive Web Apps (PWA)** – PWAs are apps that are installed on your device and provide a near app-like experience on your desktop. It’s a lightweight app that loads faster as it uses data cached from your previous interactions with the app. To install a PWA, simply visit a website
that is available as a PWA. The **Install** icon appears next to the **Bookmark this tab** icon in the address bar as a prompt, if a PWA is available for that website.

All the installed PWAs are available in the **Applications > CWA Browser Apps**.

When you open a PWA, you’re prompted to authenticate to the Workspace app if you aren’t already signed in to the Workspace app.

**Note:**

When you open a PWA on a Mac, the Enterprise Browser window opens as well.

- **Editable omnibox** – Use the omnibox (address bar), at the top of the browser window to enter URLs or do search operations. The default search engine is Google.

- **Bookmarks** - Add frequently visited webpages to bookmarks for easy access in the future. You can import your bookmarks from other browsers, however, you can’t export your bookmarks from the Citrix Enterprise Browser.

- **Dark mode** – Dark mode is applied to the Enterprise Browser only if the theme is already enabled on your system.

- **Microphone and webcam support** - Support for audio and video conferencing through various platforms. The following video conferencing solutions are supported:

**On Windows:**
- Microsoft Teams
- Google Meet (Screen sharing isn’t supported)
- Zoom
- GoToMeeting
- Cisco Webex

**On macOS:**
- Microsoft Teams
- Google Meet (Screen sharing isn’t supported)
- Zoom
- GoToMeeting (Screen sharing isn’t supported)
- Cisco Webex

© 1999–2023 Cloud Software Group, Inc. All rights reserved.
• **Proxy authentication** – Support for one-time authentication if your organization has configured a proxy server and the credentials are stored in the Windows Credentials Manager. After you sign in to the Workspace app for Windows and start a SaaS app, the app opens in the Enterprise Browser. You don’t have to authentication again as the Workspace app reads your credentials from the Windows Credentials Manager. You must authenticate again if your organization has configured other proxy servers for which the Workspace app isn’t able to find credentials in the Windows credentials manager.

In all other scenarios, the browser prompts you for authentication. The credentials you provide is cached in the memory until you close the browser window.

Proxy authentication isn’t supported on macOS.

• **Analytics** – If the Citrix Analytics Service is configured, admins can gather information about user behavior and other security insights. For more information about Citrix Analytics, see Getting started section in the Citrix Analytics documentation.

  **Note:**
  
  On macOS, the Citrix Analytics Service doesn’t send the **End** events if a user directly closes the Citrix Workspace app.

**Import bookmarks**

You can import bookmarks from other browsers that you’ve saved as an html file into the Citrix Enterprise Browser. To import bookmarks, do the following steps:

1. Click the ellipsis icon in the browser and navigate to **Bookmarks > Bookmarks Manager**.
2. Select **Import bookmarks** from the available options.
3. Navigate to the location where you’ve saved the bookmarks and click **Open**.

The imported bookmarks appear in your bookmarks. Double-click the **Imported** folder to view the imported bookmarks.

**End user settings**

June 5, 2023
You can customize the Citrix Enterprise Browser (formerly Citrix Workspace Browser) by using a range of settings that are available to you. The following options appear when you click the ellipsis icon on the top right of the webpage:

Click **Settings** to view the options along with default values or if you like to customize your browsing experience. The following settings options are available in the Citrix Workspace

- **Auto-fill**
  - Passwords
  - Addresses and more

- **Privacy and security**
  - Clear browsing data
  - Privacy guide
  - Cookies and other site data
  - Security
  - Site settings

- **Appearance**
- Show bookmarks bar
- Font size
- Page zoom
- Pressing Tab on a webpage highlights links, and form fields
- Show warning before quitting with ⌘Q

**Default browser**

**Advanced**

- Languages
  - Language
  - Spell check
- Downloads
  - Location
  - Ask where to save each file before downloading
- Accessibility
  - Live caption
  - Caption preferences
  - Show a quick highlight on the focused object
  - Navigate pages with a text cursor
- System
  - Use hardware acceleration when available
  - Open your computer’s proxy settings
- Logs
  - Browser logs
  - Network logs
  - Reset to default log settings
- Reset settings
  - Restore settings to their original defaults

The following options are available when you right-click on a webpage.

- Back
- Forward
- Reload
- Print...
- Share

If you’ve modified any of the settings and would like to restore them to their default values, go to **Settings** and click **Reset Settings**. Once you reset the settings, the following changes are applied to the Enterprise Browser:

- All the pinned tabs get unpinned.
Citrix Enterprise Browser

- All cookies are removed and the site data is restored to its default.
- All site settings are restored to their default values.

**Note:**
- The functionality to add extensions has been blocked.
- Citrix Enterprise Browser doesn’t allow the user to create profiles.

Access to the following URLs are blocked:

- citrixbrowser://accessibility
- citrixbrowser://apps
- citrixbrowser://bluetooth-internals
- citrixbrowser://components
- citrixbrowser://devices
- citrixbrowser://download-internals
- citrixbrowser://flags
- citrixbrowser://help
- citrixbrowser://inspect
- citrixbrowser://invalidations
- citrixbrowser://local-state
- citrixbrowser://media-engagement
- citrixbrowser://nacl
- citrixbrowser://net-export
- citrixbrowser://net-internals
- citrixbrowser://omnibox
- citrixbrowser://password-manager-internals
- citrixbrowser://settings/fonts
- citrixbrowser://settings/help
- citrixbrowser://settings/onStartup
- citrixbrowser://settings/passwords/check
- citrixbrowser://settings/payments
- citrixbrowser://settings/people
- citrixbrowser://settings/privacySandbox
- citrixbrowser://settings/search
- citrixbrowser://signin-internals
- citrixbrowser://site-engagement
- citrixbrowser://sync-internals
- citrixbrowser://term
- citrixbrowser://user-action
Citrix Enterprise Browser

Set Citrix Enterprise Browser as the default browser

Once you have made the Citrix Enterprise Browser your default browser, all links and Web and SaaS apps open in the Citrix Enterprise Browser by default. This section lists the steps required to make Citrix Enterprise Browser your default browser on various operating systems.

Windows 10

To make Citrix Enterprise Browser your default browser on Windows 10, do the following:

1. Open the Citrix Enterprise Browser and click the ellipsis icon and open the Settings menu.
2. Click the Default Browser option on the left pane and then click Make default.
3. On the Default apps window, click the + icon under Web browser and select Citrix Enterprise Browser from the available options.

   **Note:**

   If you already have a different browser listed under Web browser section, click the existing browser name and select Citrix Enterprise Browser from the available options.

Windows 11

To make Citrix Enterprise Browser your default browser on Windows 11, do the following:

1. Open the Citrix Enterprise Browser and click the ellipsis icon and open the Settings menu.
2. Click the Default Browser option on the left pane and then click Make default.
3. On the Default apps page > Set defaults for applications search bar, enter Citrix Enterprise Browser and click Citrix Enterprise Browser.
4. On the Apps > Default apps > Citrix Enterprise Browser page, click Set default.
To verify the setting, on the Default Browser page > Set a default for a file type or link type search bar, type HTTPS. You must see the Citrix Enterprise Browser as the selected browser.

macOS

To make Citrix Enterprise Browser your default browser on macOS, do the following:

1. Open the Citrix Enterprise Browser and click the ellipsis icon and open the Settings menu.
2. Click the Default Browser option on the left pane.
3. On the Default browser page, click Make default. When prompted, click Use Citrix Enterprise Browser to confirm your choice and apply the changes.

Set Citrix Enterprise Browser as the work browser

You can now configure Citrix Enterprise Browser as a work browser to open all work links. You can select an alternate browser to open non-work links.

A work link is a link that is associated with the web or SaaS apps that are configured by the administrator for the end user. When a user clicks any link within a native application, if it’s a work link, it’s opened through the Enterprise Browser. If not, it’s opened through the alternate browser that the end-user selects.

The following section lists the steps required to make Citrix Enterprise Browser your work browser on various operating systems.
Citrix Enterprise Browser

Windows 10

To make Citrix Enterprise Browser your work browser on Windows 10, do the following:

1. Open the Citrix Enterprise Browser and click the ellipsis icon and open the Settings menu.
2. Click the Default Browser option on the left pane and then click Make work browser.
3. On the Default apps window, navigate to the Web browser section and click the + icon. Select Citrix Enterprise Browser from the available options.

Note:
If you already have a different browser listed under Web browser section, click the existing browser name and select Citrix Enterprise Browser from the available options.

4. (Optional) On the Settings page, select another browser to open non-work links using the drop-down list. The drop-down list is populated depending upon the different browsers that are available on your device.

Any browser that is installed in the C:\Program Files\WindowsApps sandbox folder doesn't get enumerated as a browser under non-work links.
To make Citrix Enterprise Browser your work browser on Windows 11, do the following:

1. Open the Citrix Enterprise Browser and click the ellipsis icon and open the **Settings** menu.
2. Click the **Default Browser** option on the left pane and then click **Make work browser**.
3. On the **Default apps** page > **Set defaults for applications** search bar, enter Citrix Enterprise Browser and click **Citrix Enterprise Browser**.
4. On the **Apps > Default apps > Citrix Enterprise Browser** page, click **Set default**.
5. (Optional) On the **Settings** page, select another browser to open non-work links using the drop-down list. The drop-down list is populated depending upon the different browsers that are available on your device. See **Windows 10** section for the screenshot.

Any browser that is installed in the `C:\Program Files\WindowsApps` sandbox folder doesn’t get enumerated as a browser under non-work links.

To verify the setting, on the **Default Browser** page > **Set a default for a file type or link type** search bar, type **HTTPS**. You must see the **Citrix Enterprise Browser** as the selected browser.

**macOS**

To make Citrix Enterprise Browser your work browser on macOS, do the following:

1. Open the Citrix Enterprise Browser and click the ellipsis icon and open the **Settings** menu.
2. Click the **Default Browser** option on the left pane.
3. On the Default browser page, click **Make work browser**. When prompted, click **Use “(Work) Citrix Enterprise Browser”** to confirm your choice and apply the changes.
4. (Optional) On the **Settings** page, select another browser to open non-work links using the drop-down list. Depending upon the different browsers that are available on your device, the drop-down list is populated. See **Windows 10** section for the screenshot.

**Option to start Citrix Enterprise Browser from within Citrix Workspace app**

Previously, you could open the Citrix Enterprise Browser from the Citrix Workspace app after opening a web or SaaS app.
Now, you can open the Citrix Enterprise Browser directly from the Citrix Workspace app without requiring you to open a web or SaaS app. This feature provides easy access to Citrix Enterprise Browser and doesn't require any configurations from administrators. This feature is available by default.

**Note:**
This feature is available for Cloud customers only, and the end user must have entitlements to at least one web or SaaS app through Secure Private Access.

**Troubleshoot**

April 20, 2023

**Log collection**
You can collect details about browser activity and network configuration by navigating to **Settings > Advanced > Logs**. By default, the log collection level is set to **Error**, which is the recommended value.
Citrix Enterprise Browser

Windows:

1. Right-click the Citrix Workspace app icon in the notification area and select Advanced Preferences.
2. Select Log collection.
   The Log collection dialog appears.
3. Select one of the following log levels:
   - Low
   - Medium
   - Verbose
4. Click Start collecting logs to reproduce the issue and collect the latest logs.
   The log collection process starts.
5. Click Save log to save the collected logs.

The following Enterprise Browser logs appear in the Citrix Enterprise Browser folder:

- `CitrixEnterpriseBrowser_debug.log` - Available based on the Browser logs level that you’ve selected in the Citrix Enterprise Browser settings.
- `CitrixEnterpriseBrowser-netlog.json` - Available if you have enabled Network logs in the Citrix Enterprise Browser settings.

macOS:

1. Open Citrix Workspace app and go to Preferences > Advanced > Logging.
2. Select one of the following session log levels:
   - Disabled (Default)
   - Connection diagnostics
   - Full
3. Select one of the following store log levels:
Citrix Enterprise Browser

- Disabled (Default)
- Normal
- Verbose

Note:
- The default path that contains the log files is `/Library/Application\ Support /Citrix\ Receiver/Citrix\ Enterprise\ Browser/logs`.

4. Click **Email Log Files** to email the logs as a compressed file.

**Error codes**

Citrix Enterprise Browser prevents users from opening Web or SaaS apps when any unusual activity is noticed. Based on the type of activity, an alert with one of the following error codes might appear. You (end user) can do the following to troubleshoot:

1. Collect the logs for the session and save the file.
2. Close the browser and start the Web or SaaS app.
3. Contact your organization’s administrator with the error code to troubleshoot further.

The administrator can open a **support case** and share the logs if the issue persists.

Here is the list of error codes:

<table>
<thead>
<tr>
<th>Error code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS1001</td>
<td>Failed to fetch the policy document. To troubleshoot, check the address, gateway settings, your network connection and try again.</td>
</tr>
<tr>
<td>PS1002</td>
<td>Failed to parse the policy document.</td>
</tr>
<tr>
<td>PS1003</td>
<td>Failed to parse the legacy policy document.</td>
</tr>
<tr>
<td>PS1004</td>
<td>The certificate obtained to validate the policy document is empty.</td>
</tr>
<tr>
<td>PS1005</td>
<td>Failed to validate the fields in the policy document.</td>
</tr>
<tr>
<td>PS1006</td>
<td>Failed to validate the signature of the policy document. To troubleshoot, administrator can verify if the end user’s device time is in sync with the network time.</td>
</tr>
<tr>
<td>PS1007</td>
<td>Failed to validate the certificate using the root certificate authority.</td>
</tr>
<tr>
<td>Error code</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>-------------</td>
</tr>
<tr>
<td>PS1008</td>
<td>Failed to fetch the certificate to validate the policy document.</td>
</tr>
<tr>
<td>PS1009</td>
<td>Failed to determine the store environment.</td>
</tr>
<tr>
<td>PS1010</td>
<td>Failed to fetch the policy document. To troubleshoot, administrator can close the browser and open again.</td>
</tr>
</tbody>
</table>