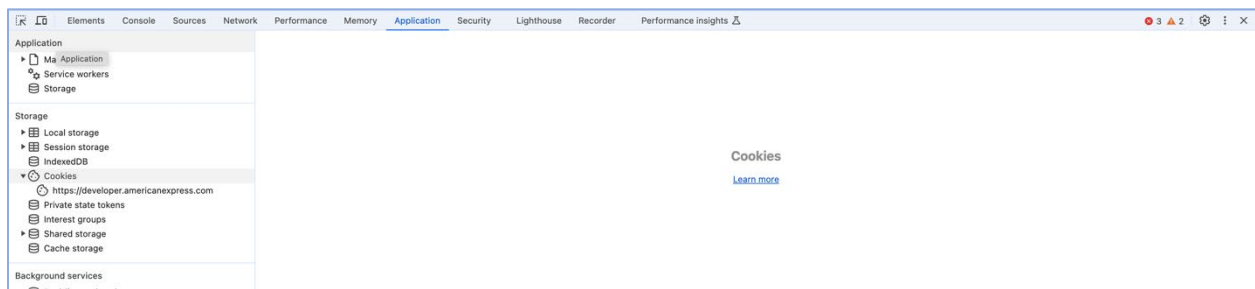


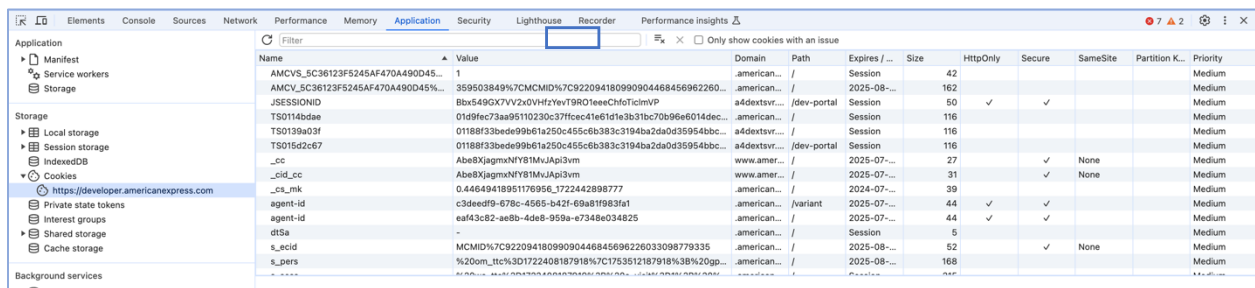
How to Refresh the Browser & Clear Specific Cookies

Google Chrome

1. Open Google Chrome Developer Tools:
 - a. Press **Ctrl + Shift + I** (for Windows) or **Cmd + Option + I** (for Mac) to open the browser's Developer Tools.
 - b. Alternatively, right-click on the page and select **Inspect**.
2. Go to the Application Tab:
 - a. In the Developer Tools panel, click on the **Application** tab.



3. Navigate to Cookies:
 - a. In the left-hand sidebar, under **Storage**, expand the "Cookies" section.
 - b. Click on `https://developer.americanexpress.com/`.
4. Clear Specific Cookie:
 - a. Find the specific cookie you want to delete.
 - b. To delete a cookie, select it and click **Delete selected** in the top action bar.
 - c. Click **Clear all** to delete all cookies.



Name	Value	Domain	Path	Expires / ...	Size	HttpOnly	Secure	SameSite	Partition K.	Priority
AMCVS_5C36123F5245AF470A490D45...	1	american...	/	Session	42					Medium
AMCVS_5C36123F5245AF470A490D45...	359503849%7CMCID%7C922094180990904468456962260...	american...	/	Session	162					Medium
JSESSIONID	Bbx549GX7Vv2x0VhfzYevT9ROteecHofTclmVP	a4dextsvr...	/dev-portal	Session	50	✓	✓			Medium
TS0114bdae	01d9fec73aa95110230c37f6cac41e61d1e3b31bc70b96e6014dec...	american...	/	Session	116					Medium
TS0139a03f	0118f833bede99b61a250c455c6b383c3194ba2da0d35954bbc...	a4dextsvr...	/	Session	116					Medium
TS015d2c67	0118f833bede99b61a250c455c6b383c3194ba2da0d35954bbc...	a4dextsvr...	/dev-portal	Session	116					Medium
_cc	0.44649418951176956_1722442898777	www.amer...	/	2025-07...	27		✓	None		Medium
_cs_mk	Abe8XjagmNY81MvJApI3vm	www.amer...	/	2025-07...	31		✓	None		Medium
agent-id	0.44649418951176956_1722442898777	american...	/	2024-07...	39					Medium
agent-id	c3deedf9-678c-4565-b42f-69a811983fa1	american...	/variant	2025-07...	44	✓	✓			Medium
atda	ea43c82-ae8b-4de8-959a-e7348e034825	american...	/	2025-07...	44	✓	✓			Medium
s_acid	MCMDID%7C92209418099090446845696226033098779335	american...	/	Session	5					Medium
s_pers	%20om_ttc%3D1722408187918%7C1753512187918%3B%20gp...	american...	/	2025-08...	52		✓	None		Medium
s_pers	%20om_ttc%3D1722408187918%7C1753512187918%3B%20gp...	american...	/	2025-08...	168					Medium

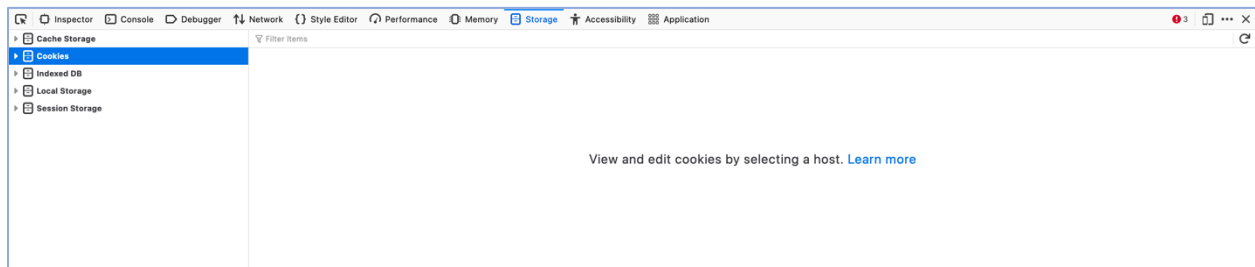
5. Refresh the Page:
 - a. Press **Ctrl + R** (for Windows) or **Cmd + R** (for Mac) to refresh the page.



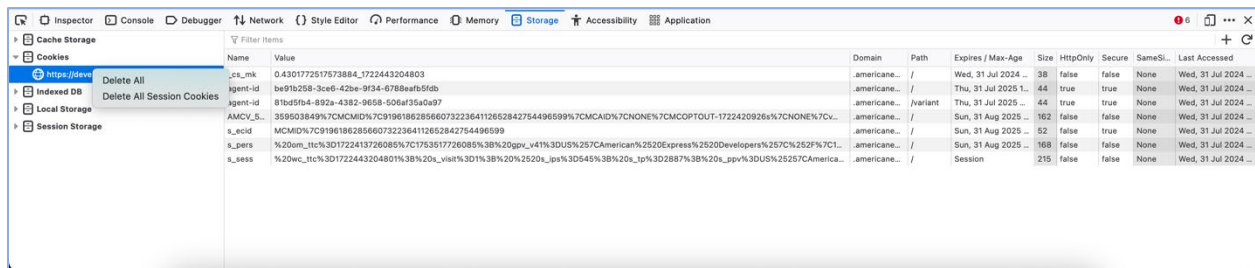
Google Chrome is the preferred browser for use on American Express Developers.

Mozilla Firefox

1. Open Firefox Developer Tools:
 - a. Press **Ctrl + Shift + I** (*for Windows*) or **Cmd + Option + I** (*for Mac*) to open the browser's Developer Tools.
 - b. Alternatively, right-click on the page and select **Inspect Element**.
2. Go to the Storage Tab:
 - a. In the Developer Tools panel, click on the **Storage** tab.



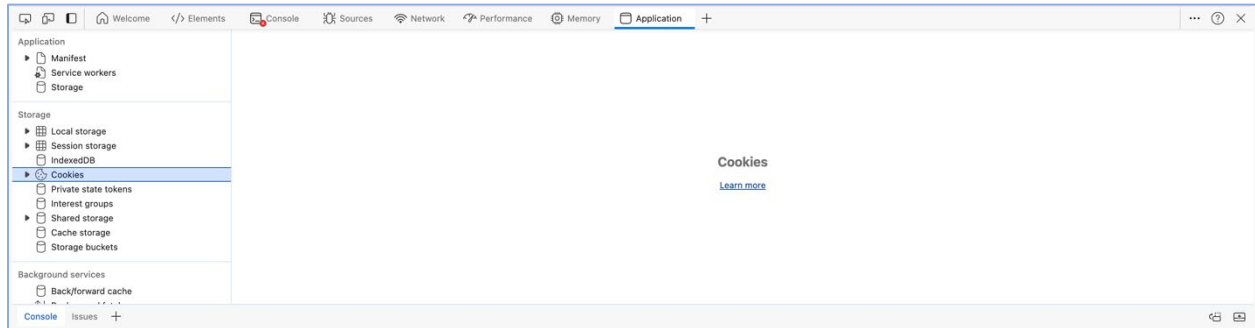
3. Navigate to Cookies:
 - b. In the left-hand sidebar, expand the "Cookies" section.
 - c. Click on <https://developer.americanexpress.com/>.
4. Clear a Specific Cookie:
 - a. Find the specific cookie you want to delete.
 - b. Right-click on the cookie and choose **Delete** or select the cookie and press the **Delete** key.



5. Refresh the Page:
 - a. Press **Ctrl + R** (*for Windows*) or **Cmd + R** (*for Mac*) to refresh the page.

Microsoft Edge

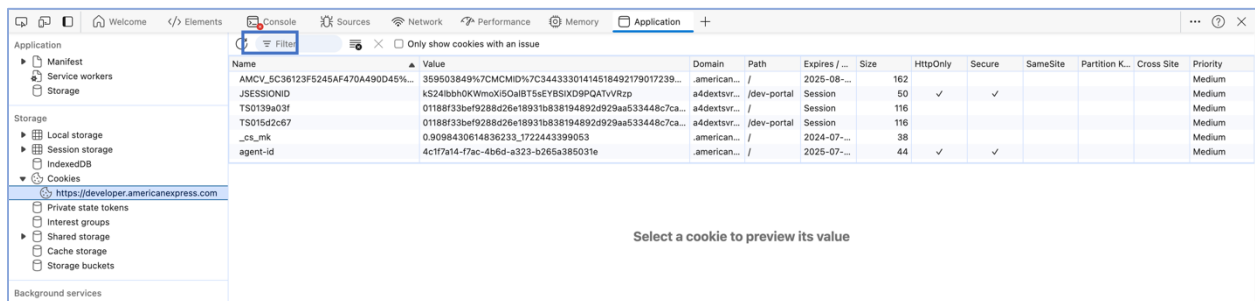
1. Open Edge Developer Tools:
 - a. Press `F12` or **Ctrl + Shift + I** (for Windows) to open the browser's Developer Tools.
 - b. Alternatively, right-click on the page and select **Inspect**.
2. Go to the Application Tab:
 - a. In the Developer Tools panel, click on the **Application** tab.



3. Navigate to Cookies:
 - a. In the left-hand sidebar, under **Storage**, expand the "Cookies" section.
 - d. Click on `https://developer.americanexpress.com/`.

To Clear Specific Edge Cookies

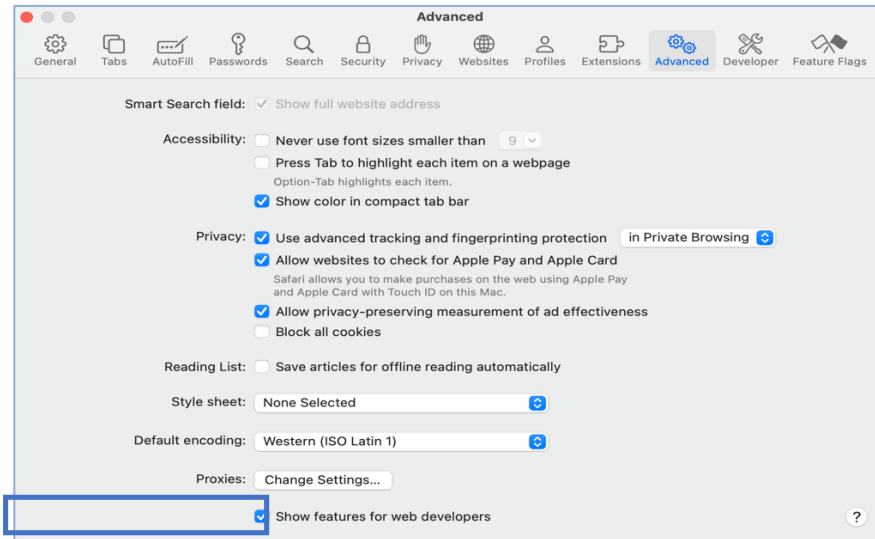
1. Find the specific cookie you want to delete.
2. Right-click on the cookie and choose "Delete" or select the cookie and press the **Delete** key.



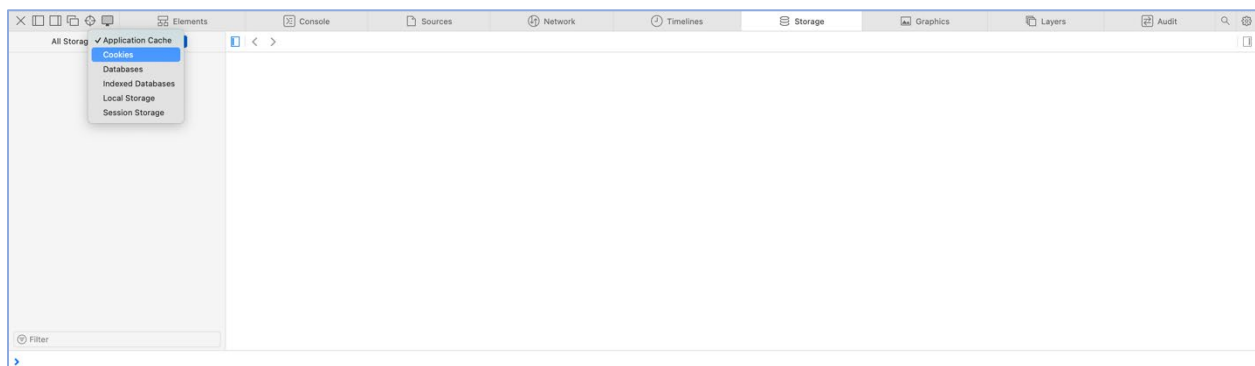
3. Refresh the Page:
 - a. Press **Ctrl + R** (for Windows) to refresh the page.

Safari

1. Enable the Develop Menu (if not already enabled):
 1. Go to *Safari > Settings > Advanced* and check "Show Develop menu in menu bar".



2. Open Safari Developer Tools:
 1. Press **Cmd + Option + I** to open the browser's Developer Tools.
 2. Alternatively, right-click on the page and select **Inspect Element**.
3. Go to the Storage Tab:
 1. In the Developer Tools panel, click on the **Storage** tab.



4. Navigate to Safari Cookies:
 1. In the left-hand sidebar, expand the "Cookies" section.
 - e. Click on <https://developer.americanexpress.com/>.
5. Clear a Specific Cookie:
 1. Find the specific cookie you want to delete.
 2. Right-click on the cookie and choose **Delete** or select the cookie and press the **Delete** key.

Name	Value	Domain	Path	Expires	Size	Secure	HttpOnly	SameSite
a4d-session	eb8418d2f7449a68710f676d55334d	.americanexpress.com	/	Session	43 B	✓	✓	—
aat	eyJraWQlQjYyc2FLZVVOUxliWYXmjoUIMTMTIRQ...	.americanexpress.com	/	Session	966 B	✓	✓	Strict
agent-id	d0fb8d6e-3a63-41bd-b79a-3f21ed54f7bb	.americanexpress.com	/	7/31/2025, 4:59:08 PM	44 B	✓	✓	—
api_url	"/2024-07-31T11:19:38Z"	.americanexpress.com	/	Session	28 B	✓	—	—
AMCVS_SC36123F5245AF470A49...	3599503849%7CMCMD%7C43015021293520102023...	.americanexpress.com	/	8/31/2025, 4:44:27 PM	162 B	—	—	—
AMCVS_SC36123F5245AF470A4...	1	.americanexpress.com	/	Session	42 B	—	—	—
explocate	en-US	.americanexpress.com	/	Session	14 B	✓	—	—
blueboxpublic	19ee3445b3d02bd8e44a5264bd10a9f5	.americanexpress.com	/	9/4/2025, 4:50:48 PM	45 B	—	—	—
blueboxvalues	ba833fab-43fa3931-c69c6612-918452ca	.americanexpress.com	/	Session	48 B	✓	✓	—
dpPreviousPage	us%7Coneamex%7Cser%7Cen-us%7Caccount%7Clog...	.americanexpress.com	/	7/31/2025, 4:48:06 PM	66 B	—	—	—
dtCookie	v_4_srv_34_sn_s10VEP8FAEP10JD43NKUB4HOHF5G...	.americanexpress.com	/	Session	102 B	—	—	—
dtPC	345424840896_648h-vUATEHDAFCLSUQJERVHQUJ...	.americanexpress.com	/	Session	59 B	—	—	—
dtSa	-	.americanexpress.com	/	Session	5 B	—	—	—
getekeeper	CBF16A0FF7B6798ACA10727F6439562CCED4E87AD...	.americanexpress.com	/	Session	394 B	✓	✓	—
MATFSI	*MOV:true-BBV-ba833fab-43fa3931-c69c6612-918...	.americanexpress.com	/	Session	59 B	✓	✓	—
rxVisitor	1723424689066ESVAGDRLSLG4M58E568798APGS...	.americanexpress.com	/	Session	54 B	—	—	—
rxvt	172342468441191723424689067	.americanexpress.com	/	Session	31 B	—	—	—
s_acid	MCMID%7C42010212935201020233292797766507...	.americanexpress.com	/	8/31/2025, 4:59:09 PM	52 B	✓	—	—
s_pers	%20om_Itc%3D1722424467162%7C1753528467162...	.americanexpress.com	/	8/31/2025, 4:59:08 PM	212 B	—	—	—

6. Refresh the Page:
 - a. Press **Cmd + R** to refresh the page.

If you have questions, or encounter any difficulty, please [contact us](#).