

How to Enable and Disable Opportunistic Encryption ?

Opportunistic encryption is a method of encrypting data transmission that occurs automatically whenever two systems communicate with each other over a network. It is used to secure data transmitted between systems without requiring any additional configuration or setup by the user.

Tutorial :

You can watch the Video or Continue reading the post.

<https://www.youtube.com/embed/BRibGaLHZa8>

Follow the steps to Enable and Disable Opportunistic Encryption.

Navigate to the SSL/TLS of Cloudflare (Use this link to view How to Navigate).

Disable Opportunistic Encryption :

Click on the Switch button.

Host	Type	status	Expires on
▼ *.testaccount.live,testaccount.live	universal	active	in 6 months(Managed)

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TLS 1.3

Enable the latest version of the TLS protocol for improved security and performance.

Opportunistic Encryption

Opportunistic Encryption allows browsers to benefit from the improved performance of HTTP/2 by letting them know that your site is available over an encrypted connection. Browsers will continue to show "http" in the address bar, not "https".

This setting was last changed 4 days ago

Minimum TLS Version

Only allow HTTPS connections from visitors that support the selected TLS protocol version or newer.

TLS 1.2

Here, you can see Opportunistic Encryption is disabled successfully.

Host	Type	status	Expires on
▼ *.testaccount.live,testaccount.live	universal	active	in 6 months(Managed)

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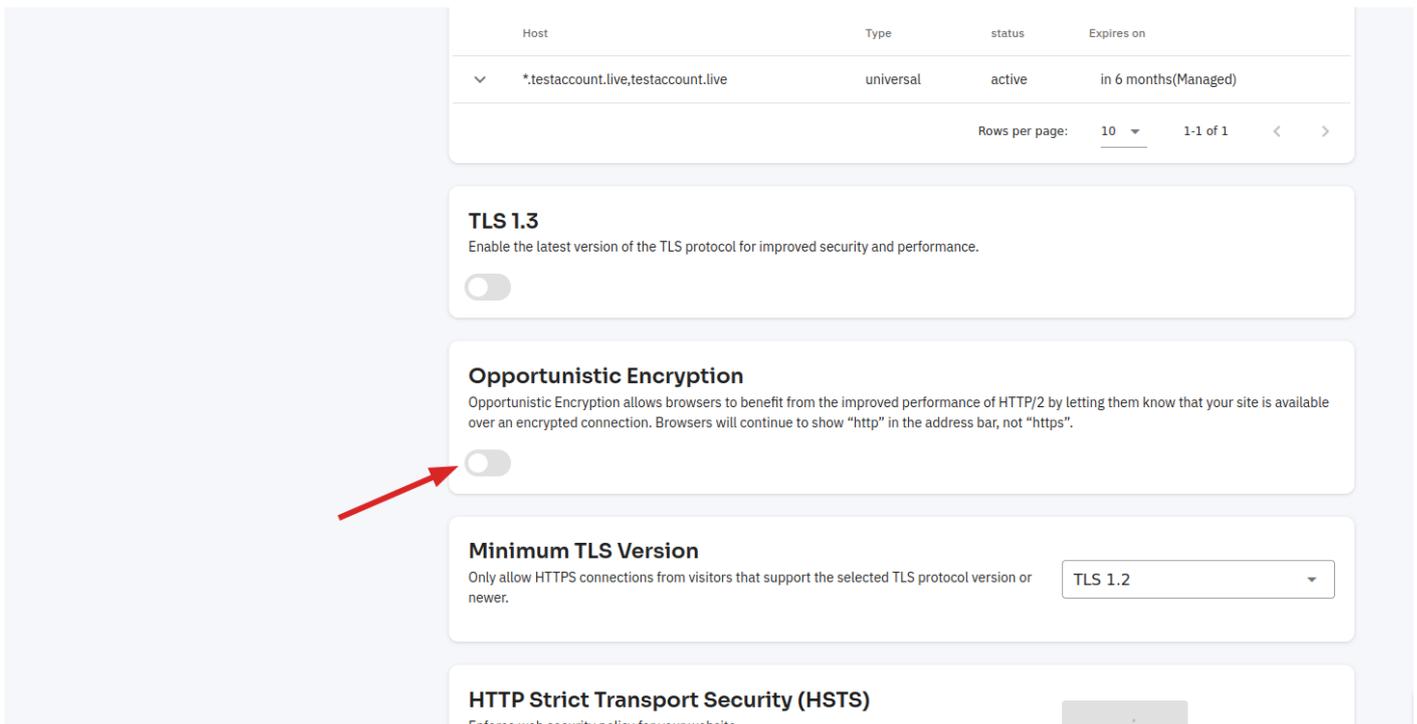
TLS 1.2

HTTP Strict Transport Security (HSTS)

Enforce web security policy for your website

Enable Opportunistic Encryption :

Click on the **Switch** button.



The screenshot shows a table of TLS certificates and several configuration panels. A red arrow points to the 'Opportunistic Encryption' toggle switch, which is currently turned off.

Host	Type	status	Expires on
▼ *.testaccount.live,testaccount.live	universal	active	in 6 months(Managed)

Rows per page: 10 1-1 of 1 < >

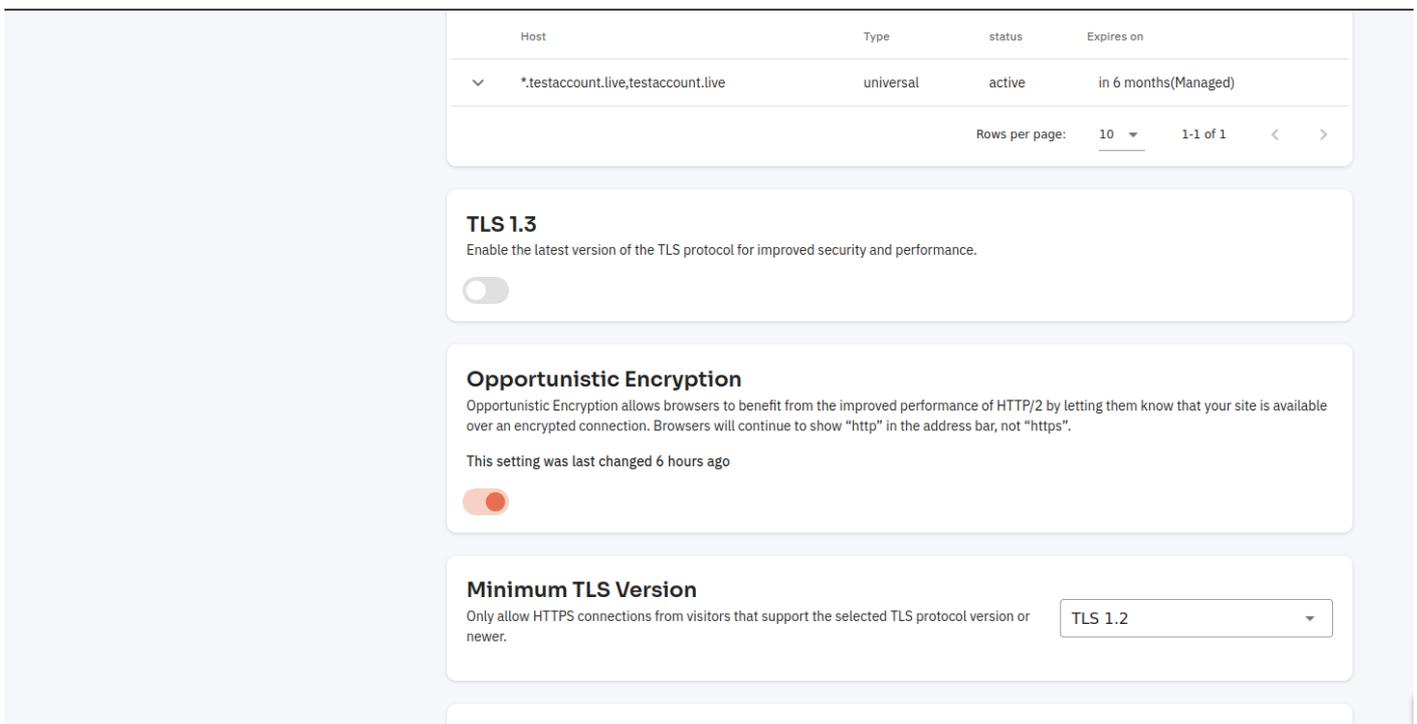
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TLS 1.2

HTTP Strict Transport Security (HSTS)
Enforce web security policy for your website

Here, you can see Opportunistic Encryption is enabled successfully.



The screenshot shows the same TLS settings page as above, but the 'Opportunistic Encryption' toggle switch is now turned on (orange).

Host	Type	status	Expires on
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Rows per page: 10 1-1 of 1 < >

TLS 1.3
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Opportunistic Encryption
Opportunistic Encryption allows browsers to benefit from the improved performance of HTTP/2 by letting them know that your site is available over an encrypted connection. Browsers will continue to show "http" in the address bar, not "https".
This setting was last changed 6 hours ago

Minimum TLS Version
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TLS 1.2

Looking for mobile app Instructions?

Available at <https://kb.cloudpanzer.com/books/mobile-app/page/how-to-enable-and-disable-opportunistic-encryption>

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