How Does SSL Work?

SSL certificates make internet transactions more secure. The SSL certificate connects information to a cryptographic key to decrease the likelihood of data interception and malicious use. Here's how:

STEP 01

Identify yourself

The user's computer (browser) initiates contact with the website server. The browser asks the website to identify itself.
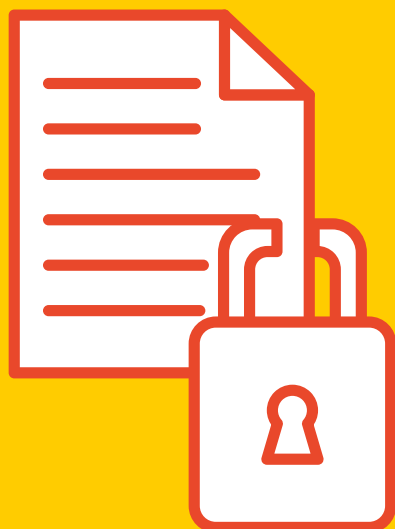
STEP 02

Certificate Presented

The website's server will provide the browser with a copy of the SSL certificate.

STEP 03

Certificate Accepted

If the browser trusts the submitted certificate, it tells the website's server so.

STEP 04

Secure Connection

The website's server initiates the secure connection.

STEP 05

Data Sharing

Once the connection is secure, data can be shared between the user's browser and the website's server safely.