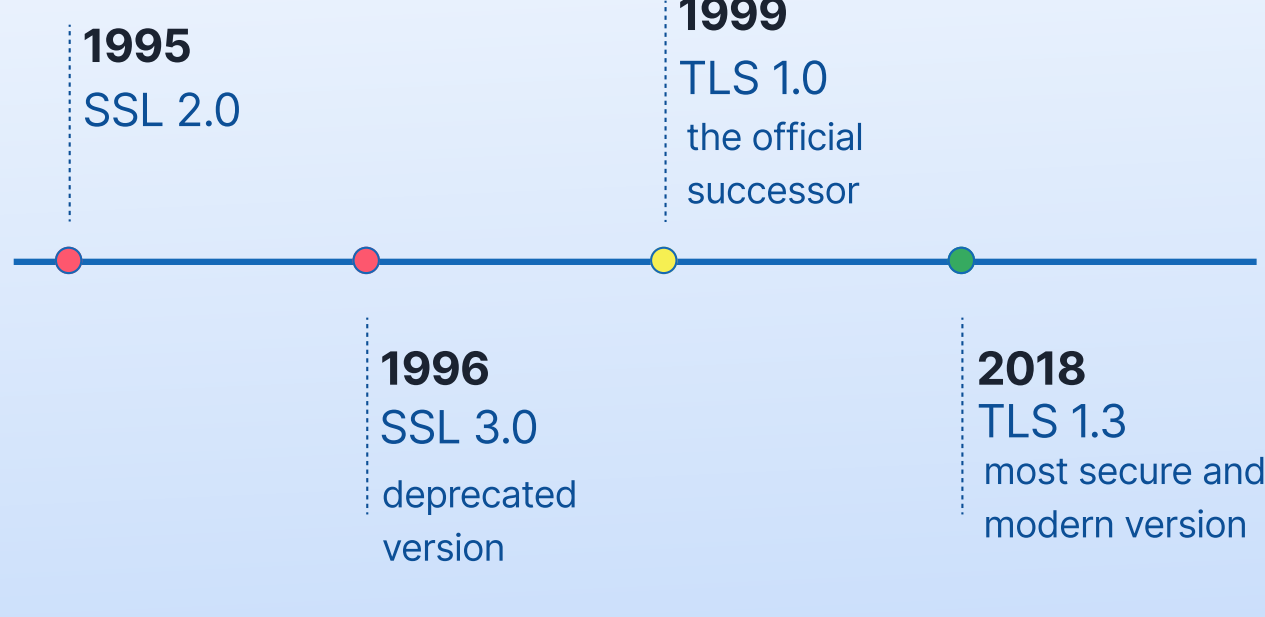


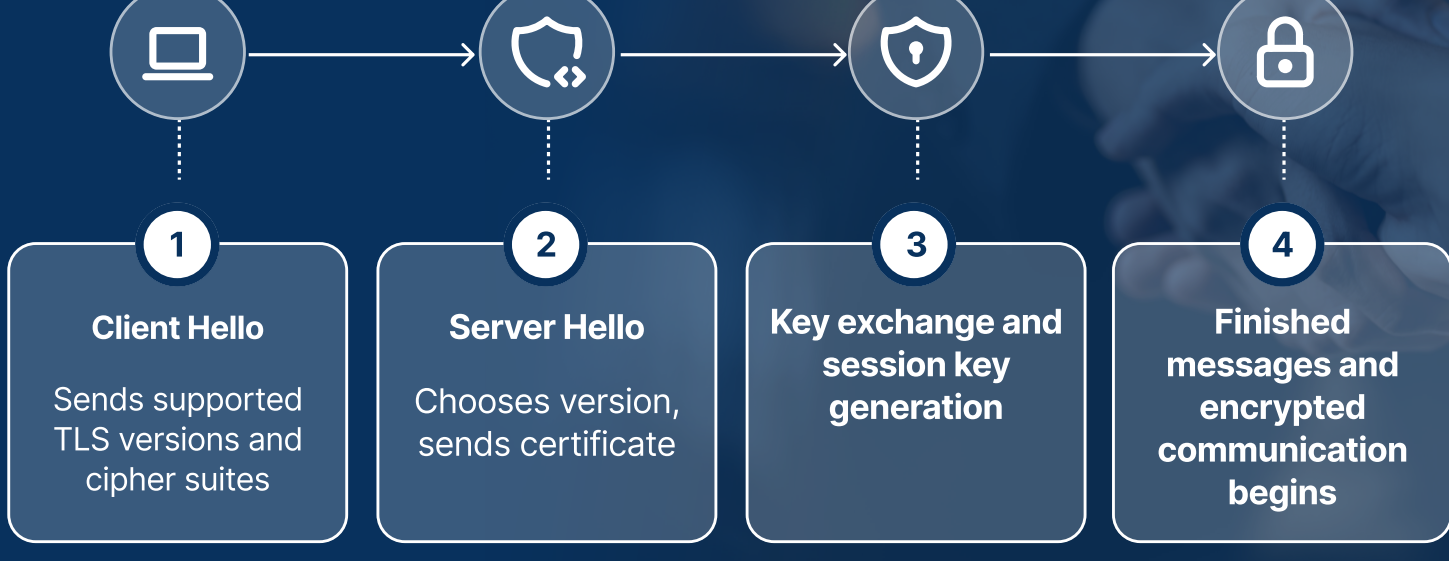
From SSL to TLS



SSL vs TLS

Feature	SSL	TLS
Cryptographic strength	Weaker, vulnerable to attacks (transposition compatible with TLS)	Modern ciphers, forward secrecy
Handshake process	Less efficient	Faster & more secure
Record protocol	Fixed padding	Randomized, secure
Support	Deprecated since ~2015	Supported and recommended

How TLS handshake works



Pro tips and server-side best practices for TLS security

- Use the latest version of TLS**
Ensure your servers are configured to support TLS 1.3, the most secure and efficient protocol available today.
- Avoid using SSL v3.0 or earlier**
Older protocols like SSL v3.0 are deprecated and vulnerable. Modern browsers and systems no longer support them.
- Install a high-quality security certificate**
The strength of your encryption depends not only on the protocol but also on the certificate. Certificates from trusted authorities like Sectigo enhance both security and credibility.
- Allow only strong, compliant cipher suites**
Server configurations should restrict weak ciphers and enforce modern cryptographic standards, especially in regulated environments.

Why TLS matters for your domains and hosting business



- TLS is essential for **GDPR-compliant** encrypted comms
- TLS 1.3 improves **SEO rankings** (Google prefers secure sites)
- Using SSL terminology only may mislead clients: you can include TLS references when **reselling security services**
- Sectigo SSL (offered with Openprovider) **uses TLS under the hood**

Did you know?

- W3 research shows that **95%** of websites today use TLS encryption
- As of January 2025, more than **302 million digital certificates** are in use across the internet, reflecting the growing demand for secure, encrypted connections;
- Nearly **1 in 5 websites** are exposed to potential security risks, as only 82% of websites currently use valid digital certificates.



Sectigo is in the top three with 5.9% of the SSL certificate market.

How Openprovider makes TLS easy



To secure your clients digital presence make sure to offer TLS-backed security with Sectigo SSL

- Domain validated (DV), organization validated (OV) and extended validated (EV) certificates
- SSL certificates leveraging **TLS**
- Automatic reissues and easy install via WHMCS integrations
- Dedicated account support for Members

Increase your profits on SSL reselling and save up to 69% by leveraging our membership plans

Start saving on SSLs now