

Module 2: SSL with Truehost Platforms

1. Truehost SSL Offerings

- **Free SSL (Let's Encrypt):**
 - **Features:**
 - No cost to users.
 - Automatically issued and renewed.
 - Basic encryption suitable for most small websites.
 - **Limitations:**
 - Valid for 90 days, requiring renewal every three months (automated in supported platforms like cPanel).
 - Limited support for multi-domain or wildcard setups.
 - No extended validation or warranty.
 - **Paid SSL:**
 - **Features:**
 - Options for DV, OV, and EV certificates.
 - Validity : 1 year.
 - Support for single-domain, multi-domain (SAN), wildcard, and wildcard multi-domain configurations.
 - Includes warranties and customer trust benefits like visible organization validation (EV SSL).
 - **Pricing:**
 - Competitive plans available on the Truehost platform, tailored for various use cases.
 - Minimum payment period is 1 year.
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2. Installing SSL Certificates

- **Supported Platforms:**
 - **Control Panels:**
 - **cPanel:** Integrated SSL/TLS manager for both Free SSL (enabled by default) and Paid SSL installations.

- Guidelines for Free SSL and Paid SSL.
 - Paid :
<https://truehost.com/support/knowledge-base/how-to-install-premium-ssl-certificate-on-cpanel/>
 - FREE :
<https://truehost.com/support/knowledge-base/how-to-install-free-ssl-from-lets-encrypt-on-shared-hosting/>
 - <https://truehost.com/support/knowledge-base/how-to-install-free-ssl-using-auto-ssl/>

- **Plesk:** Streamlined installation via the Plesk interface for Free and Paid SSL.
 - Guidelines for Free SSL and Paid SSL.
 - FREE :
<https://truehost.com/support/knowledge-base/how-to-install-free-ssl-on-plesk/>
 - Paid :
<https://truehost.com/support/knowledge-base/how-to-install-a-premium-ssl-certificate-on-windows-hosting-plesk-panel/>

- **CyberPanel:** Built-in tools to issue and manage SSL certificates.
 - Guidelines for FREE SSL and Paid
 - Paid :
<https://truehost.com/support/knowledge-base/how-to-install-a-premium-ssl-in-a-tpanel/>
 - FREE :
<https://truehost.com/support/knowledge-base/how-to-install-lets-encrypt-ssl-in-cyberpanel/>

- **CWP (Control Web Panel):** Provides easy SSL installation and renewal features.
 - Guidelines for FREE and Paid SSL
 - Paid :
<https://truehost.com/support/knowledge-base/installing-ssl-on-cwp/>
 - FREE:
<https://truehost.com/support/knowledge-base/how-to-install-free-ssl-on-cwp/>

- **SSH-Based Servers:**
 - **Apache and Nginx:**
 - Manual SSL certificate installation by editing configuration files.
 - Using tools like Certbot for Let's Encrypt Free SSL.
 - PAID SSL : Apache
<https://truehost.com/support/knowledge-base/how-to-install-ssl-tls-on-apache-web-server/>
 - PAID SSL : NGINX
<https://truehost.com/support/knowledge-base/how-to-install-ssl-on-nginx-web-server/>

- **Windows IIS Server:**
 - Importing and configuring SSL certificates through the IIS Manager interface.
 - Managing bindings for secure traffic.
 - Guide :
<https://www.digicert.com/kb/csr-creation-ssl-installation-iis-10.htm>
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- **Validation Methods:**
 - **DNS Validation:** Adding TXT records to the domain's DNS zone.
 - **Email Validation:** Verifying ownership via a confirmation email.
 - The email **MUST** be associated with the domain name. I.e admin@yourdomain.com
 - **HTTP File Upload:** Uploading a specific file to the website's root directory for verification.
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3. Managing SSL via Truehost

- **Using the Truehost Client Area:**
 - Purchase and manage SSL certificates.
 - Access Free SSL setup for shared hosting plans.
 - Renewal reminders and management for Paid SSL.
 - **Automating SSL Renewals for Free SSL:**
 - Enabled by default on all cPanel shared hosting servers.
 - Ensures uninterrupted SSL functionality with no manual intervention.
 - **Manual Renewals for Paid SSL:**
 - Involves re-validation and reinstallation through the client area or supported platforms.
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