

The set-tls-settings Script

Overview

Run the `/usr/local/cpanel/bin/set-tls-settings` script

Options

Additional documentation

Overview

The `/usr/local/cpanel/bin/set-tls-settings` script configures a server's Secure Socket Layer (SSL) and Transport Layer Security (TLS) cipher suites and protocols for the following services:

- Web Disk (`cpdavd`).
- The cPanel server (`cpsrzd`).
- The Dovecot® mail server (`dovecot`).
- Exim configuration settings (`exim`).

For more information about these services, read our [Service Manager](#) documentation.

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To run the `/usr/local/cpanel/bin/set-tls-settings` script on the command line, use the following format:

```
/usr/local/cpanel/bin/set-tls-settings [options]
```

Options

This script accepts the following options:

Option	Description	Example
<code>--if-missing</code>	Configure the SSL/TLS protocols if they do not currently exist on the server.	<code>--if-missing</code>

<pre>--cipher-suites</pre>	<p>A standard OpenSSL cipher suite string.</p> <div data-bbox="586 184 1008 352" style="border: 1px solid orange; padding: 5px;"> <p>Note: For more information about cipher suites available to OpenSSL, read OpenSSL's Ciphers documentation.</p> </div>	<p>▼ Click to view...</p> <div data-bbox="1110 170 1417 1035" style="border: 1px dashed blue; padding: 5px;"> <pre>--cipher-suites=ECDHE-ECDSA-AES256-GCM-SHA384:ECDHE-RSA-AES256-GCM-SHA384:ECDHE-ECDSA-CHACHA20-POLY1305:ECDHE-RSA-CHACHA20-POLY1305:ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES256-SHA384:ECDHE-RSA-AES256-SHA384:ECDHE-ECDSA-AES128-SHA256:ECDHE-RSA-AES128-SHA256</pre> </div>
<pre>--protocols</pre>	<p>A colon-separated list of SSL/TLS protocols.</p> <p>This option accepts the following protocols:</p> <ul style="list-style-type: none"> • SSLv2 • SSLv3 • TLSv1 • TLSv1.1 • TLSv1.2 	<pre>--protocols=SSLv3:TLSv1.2</pre>
<pre>service</pre>	<p>The service for which to set SSL/TLS protocols.</p> <p>This option accepts the following services:</p> <ul style="list-style-type: none"> • cpdavd • cpsrvd • dovecot • exim <div data-bbox="586 1556 1008 1703" style="border: 1px solid red; padding: 5px;"> <p>Important: Pass the <code>--all</code> option to set the SSL/TLS protocols for all of this option's services.</p> </div>	<pre>dovecot</pre>

<pre>--restart</pre>	<p>Restart the specified services to apply the changes.</p> <p>If you do not pass this option, the script sets the configuration parameters and rebuilds the configuration files. Changes to the services may not display until after a restart.</p> <div style="border: 1px solid #f0e68c; padding: 10px; margin: 10px 0;"> <p>Note:</p> <ul style="list-style-type: none"> • This option requires you to pass a <code>service</code> option. • This option restarts all services when you pass the <code>service</code> option's <code>--all</code> option. </div>	<pre>--restart</pre>
<pre>--verbose</pre>	<p>Run the script in verbose mode.</p>	<pre>--verbose</pre>

Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)

- [Manage AutoSSL](#)
- [WHM Scripts](#)
- [The find_outdated_services Script](#)
- [Service Manager](#)
- [The is_script_stuck Script](#)

- [Server Information for cPanel](#)
- [Install and Manage SSL for your site HTTPS](#)
- [SSL TLS Status](#)
- [Manage Certificate Sharing](#)
- [Certificate Signing Requests - CSR](#)

- [Manage AutoSSL](#)
- [WHM Scripts](#)
- [Service and Proxy Subdomains](#)
- [System User Accounts](#)
- [The find_outdated_services Script](#)

- [WHM API 1 Functions - fetch_service_ssl_components](#)
- [WHM API 1 Functions - install_service_ssl_certificate](#)
- [WHM API 1 Functions - reset_service_ssl_certificate](#)
- [UAPI Functions - WebVhosts::list_ssl_capable_domains](#)
- [WHM API 1 Functions - servicestatus](#)