

The set-tls-settings Script

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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 (`cpdavid`).
- The cPanel server (`cpsrvd`).
- The Dovecot® mail server (`dovecot`).
- Exim configuration settings (`exim`).

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


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



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>
<code>--cipher-suites</code>	A standard OpenSSL cipher suite string. <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;"> Note: For more information about cipher suites available to OpenSSL, read OpenSSL's Ciphers documentation.</div>	<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>
<code>--protocols</code>	A colon-separated list of SSL/TLS protocols. This option accepts the following protocols: <ul style="list-style-type: none">• SSLv2• SSLv3• TLSv1• TLSv1.1• TLSv1.2	<code>--protocols=SSLv3:TLSv1.2</code>

service	<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 style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p> Important:</p> <p>Pass the <code>--all</code> option to set the SSL/TLS protocols for all of this option's services.</p> </div>	dovecot
-- restart	<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 yellow; padding: 5px; margin-top: 10px;"> <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>	--restart
-- verbose	Run the script in verbose mode.	--verbose

Additional documentation

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