



# **Splunk® Enterprise Admin Manual 8.0.2**

**Use the CLI to administer a remote Splunk Enterprise instance**

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## Use the CLI to administer a remote Splunk Enterprise instance

You can use the `uri` parameter with any CLI command to send that command to another Splunk Enterprise instance and view the results on your local server.

This topic discusses:

- Syntax for using the `uri` parameter.
- CLI commands that you cannot use remotely.

**Note:** Remote CLI access is disabled by default for the admin user until you have changed its default password.

### Enable remote access

If you are running Splunk Free (which has no login credentials), remote access is disabled by default until you've edited the `[general]` stanza of `$SPLUNK_HOME/etc/system/local/server.conf` and set the value:

```
allowRemoteLogin=always
```

**Note:** The `add oneshot` command works on local instances but cannot be used remotely.

For more information about editing configuration files, refer to [About configuration files](#) in this manual.

### Send CLI commands to a remote server

The general syntax for using the `uri` parameter with any CLI command is:

```
./splunk command object [-parameter <value>]... -uri <specified-server>
```

The `uri` value, `specified-server` is formatted as:

```
[http|https]://name_of_server:management_port
```

Also, the `name_of_server` can be the fully resolved domain name or the IP address of the remote Splunk Enterprise instance.

**Important:** This `uri` value is the `mgmtHostPort` value that you defined in `web.conf` on the remote Splunk Enterprise instance. For more information, see the `web.conf` reference in this manual.

For general information about the CLI, see [About the CLI](#) and [Get help with the CLI](#) in this manual.

### Search a remote instance

The following example returns search results from the remote "splunkserver".

```
./splunk search "host=fflanda error 404 *.gif" -uri https://splunkserver:8089
```

For details on syntax for searching using the CLI, refer to [About CLI searches](#) in the *Search Reference Manual*.

### ***View apps installed on a remote instance***

The following example returns the list of apps that are installed on the remote "splunkserver".

```
./splunk display app -uri https://splunkserver:8089
```

### **Change your default URI value**

You can set a default URI value using the SPLUNK\_URI environment variable. If you change this value to be the URI of the remote server, you do not need to include the `uri` parameter each time you want to access that remote server.

To change the value of SPLUNK\_URI, type either:

```
$ export SPLUNK_URI=[http|https]://name_of_server:management_port      # For Unix shells
C:\> set SPLUNK_URI=[http|https]://name_of_server:management_port      # For Windows shell
```

For the examples above, you can change your SPLUNK\_URI value by typing:

```
$ export SPLUNK_URI=https://splunkserver:8089
```

### **CLI commands you cannot run remotely**

With the exception of commands that control the server, you can run all CLI commands remotely. These server control commands include:

- Start, stop, restart
- Status, version

You can view all CLI commands by accessing the CLI help reference. See [Get help with the CLI](#) in this manual.