

# How to Use scmproxy Script

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## Introduction

The **scmproxy** script is a way for the Statistics Collection Manager (SCM) GUI to control the statistics collection. This document provides information on how to use that script.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

The information in this document is based on these software and hardware versions:

- Cisco WAN Manager 11.0
- Cisco WAN Manager 10.5

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

### Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

## Script Usage

The script `/usr/users/svplus/scripts/scmproxy` is a new script that version 10.5.10 introduced. The script allows you to start/stop and enable/disable statistics collection. The script is faster than the GUI, and you can use the script for quick and massive statistics configuration. This script calls the executable `/usr/users/svplus/bin/scmproxymain`.

## Step-by-Step Instructions

To use **scmproxy**, you must have a `statshostfile` file that contains basic information about the collection server host, information about the statsparser host, and a list of specific nodes.

Perform these steps:

1. Create a `statshostfile` with use of this `statshostfile` format and example:

```
<CollParam:<BPXtemplate_name1><collectionhostname1><parserhostname1><routinginfo>>
bpxnode1
bpxnode2
...
bpxnoden
<CollParam:<IGXtemplate_name1><collectionhostname1><parserhostname1><routinginfo>>
igxnode1
igxnode2
...
igxnode3
```

Example:

```
<CollParam:<BPX_template><server1,server2><server1><inband>>
bpx1
bpx2
<CollParam:<BPX_template><server1,server2><server2><inband>>
bpx3
```

**Note:** You must form the templates once for each platform from the SCM GUI, with your choice of statistics.

2. When the file is ready, run the **scmproxy** script in this way:

```
%scmproxy statshostfile
```

3. If there are no format errors and logical errors in the `statshostfile`, you see a prompt to choose one of these five options:

```
Welcome to SCM Proxy
MENU
-----
1) Enable Statistics
2) Start Collection
3) Stop Collection
4) Disable Statistics
x) Exit
```

4. Enter one of the numbers, or enter **x** to exit.
5. Select any option.

**Note:** You must select option 1 before you select options 2, 3, and 4.

If you select each of these options, you can see the log files that correspond in the `svplus/log` directory. You can check to determine for which nodes the operation was successful and for which nodes the operation failed. This is a list of the five log files:

- ◆ `scmproxy.enable.log`
- ◆ `scmproxy.disable.log`
- ◆ `scmproxy.startcoll.log`
- ◆ `scmproxy.stopcoll.log`
- ◆ Options 1, 4, 2, and 3, respectively, and another log file, `scmproxy.failednodes.log`

**Note:** Options 1, 4, 2, and 3 and scmproxy.failednodes.log list the failed nodes for any operation you perform.

## Verify

There is currently no verification procedure available for this configuration.

## Troubleshoot

This section provides information you can use to troubleshoot your configuration.

You can turn on debug mode in `~svplus/config/scmproxy.conf` to troubleshoot the script.

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## Related Information

- [Samples and Tips section of Cisco WAN Manager Technical Support](#)
  - [Cisco WAN Manager Releases](#)
  - [Software Download – Cisco WAN StrataView Patches \( registered customers only\)](#)
  - [Technical Support – Cisco Systems](#)
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