

# Configure SCE URL Database to Remove a Single URL Entry

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## Introduction

This document describes the steps to remove a single URL entry from the SCE URL database. The Cisco Service Control Engine (SCE) platform-managed URL database resides on the Cisco SCE platform. The URL database, `sce-url-database`, is managed with the use of CLI commands rather than the Cisco Service Control Application for Broadband (Cisco SCA BB) Console. In addition to the advantage of having a separate URL database that is configurable directly by CLI commands, this database can be used to hide a list of URLs to prevent them from being accessed by the Console or the CLI.

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of Cisco Service Control Solutions and the URL blacklisting functionality.

### Components Used

The information in this document is based on the test carried out on SCE 8000 with SCOS version 4.1.0, however this document is not restricted to any specific software version.

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.

## Steps to Remove a Specific URL from the SCE URL Database

Step 1. Find out the key of the specific URL entry in the Database with the use of the CLI.

**“show applications slot 0 lookup GT\_LUT\_HTTP\_PROTECTED\_URL\_BlackList all-key”**

Step 2. Remove the key entry from the lookup with the use of the CLI.

**“lookup GT\_LUT\_HTTP\_PROTECTED\_URL\_BlackList remove-key [KEY]”**

Step 3. Verify that the URL Entry has been removed from the URL Database.

**"show interface LineCard 0 sce-url-database all-entries"**

## Configure

Here is configuration example to remove the URL entry [www.cisco.com](http://www.cisco.com) from the SCE URL Database:

```
SCE8000#>show applications slot 0 lookup GT_LUT_HTTP_PROTECTED_URL_BlackList all-key
```

Table keys and values:

```
key = www.cisco.com:::*
```

```
value = 145
```

```
key = www.cisco.com/c/en/us/training-events.html::*
```

```
value = 145
```

```
MaxKeyLength = 47
```

```
AvgKeyLength = 33
```

```
Number of Keys = 2
```

```
!!! There are 2 URL entries in the URL Database "www.cisco.com" &  
"www.cisco.com/c/en/us/training-events.html"
```

```
SCE8000#>conf t
```

```
SCE8000(config)#>interface LineCard 0
```

```
SCE8000(config if)#>lookup GT_LUT_HTTP_PROTECTED_URL_BlackList remove-key www.cisco.com:::*
```

```
key = www.cisco.com:::*
```

```
value = 145
```

```
SCE8000#>show interface LineCard 0 sce-url-database all-entries
```

```
1. www.cisco.com/c/en/us/training-events.html::* 145
```

```
SCE8000#>
```

```
!!! The URL "www.cisco.com" is removed from the URL database.
```

## Verify

There is currently no verification procedure available for this configuration.

## Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

## Related Information

- [www.cisco.com/c/en/us/td/docs/cable/serv\\_exch/serv\\_control/broadband\\_app/rel41x/blacklist/URL\\_DB\\_QSG2.html](http://www.cisco.com/c/en/us/td/docs/cable/serv_exch/serv_control/broadband_app/rel41x/blacklist/URL_DB_QSG2.html)
- [Technical Support & Documentation - Cisco Systems](#)