



# CHAPTER 26

## Using the SCE-Sniffer RADIUS Login Event Generator Command-Line Utility

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### Introduction

This chapter describes the Command-Line Utilities (CLU) to retrieve information and statistics about the Login Event Generator (LEG).

### Information About the SCE-Sniffer RADIUS LEG Utility

The Service Control Engine (SCE)-Sniffer RADIUS LEG contains its own CLU commands, called **p3radiusniff**, for retrieving information and statistics about the LEG.

The **p3radiusniff** utility displays the LEG configuration and statistics. The command format is `p3radiusniff <operation>`.

[Table 26-1](#) lists the **p3radiusniff** operations

**Table 26-1** *p3radiusniff Operations*

Operation	Description
<code>--show</code>	Displays all of SCE-Sniffer RADIUS LEG configuration and status.
<code>--show-statistics</code>	Displays counters of RADIUS messages handled and number of login/logout operations performed.
<code>--reset-statistics</code>	Resets counters of RADIUS messages handled and number of login/logout operations performed.
<code>--show-version</code>	Displays the SCE-Sniffer RADIUS LEG version number.
<code>--help</code>	Displays a list of available operations and arguments with a short explanation of their meanings.

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## Viewing the SCE-Sniffer RADIUS LEG Status

The following example illustrates the **p3radiusniff** CLU using the **show** operation:

```
>p3radiusniff --show

SCE-Sniffer RADIUS LEG:
=====
Active:      true
RADIUS packet types:
    accounting-start
    accounting-interim
    accounting-stop
Subscriber ID Association:
field_4: radius attribute: 4 type: string

Subscriber IP Address:
field_26(3;232): VSA Vendor-id: 3 sub attribute: 232 type: string

Policy Association:
    field_26(2;233): VSA Vendor-id: 2 sub attribute: 233 type: integer
Allow login if policy not found: true
Ignore Policy List : [14, 15]
use_default=true
Matching configuration rules:
Matching Pattern=^gold$; Matching Value=1
Matching Pattern=^silver$; Matching Value=2
Matching Pattern=^bronze$; Matching Value=3
Matching Pattern=^$; Matching Value=4>
```

## Viewing the SCE-Sniffer RADIUS LEG Version

The following example displays the **p3radiusniff** CLU using the **show-version** operation:

```
>p3radiusniff --show-version

SCE-Sniffer RADIUS LEG 3.8.5 Build 82
Command terminated successfully
>
```

## Viewing the Cisco SCE-Sniffer RADIUS LEG Statistics

The following example displays the **p3radiusniff** CLU using the **show-statistics** operation:

```
>p3radiusniff --show-statistics

SCE-Sniffer RADIUS LEG statistics
=====
Total Received RDRs:      0
Accounting RDRs:         0
Accounting-Start RDRs:   0
Accounting-Interim RDRs: 0
Accounting-Stop RDRs:    0
Access RDRs:             0
Access-Request RDRs:     0
Access-Accept RDRs:      0
Invalid RDRs:            0
Successful logins: 0
```

```
Successful logouts:0  
Failed logins:    0  
Failed logouts:   0  
Successful logins: 0  
Successful logouts: 0  
Command terminated successfully  
>
```

