

Sentinel Protection Installer 7.4.2

ReadMe

This document contains an overview of the Sentinel Protection Installer, its installation and few tips on using the related components.

Who Should Read this Document?

This readme is for a user who wants to install and use the following components for accessing a Sentinel UltraPro key:

- Sentinel System Driver (Sentinel.kext+Sentinel.framework)
- Sentinel Protection Server

Problems Corrected In This Release

The Sentinel Protection Server cannot automatically start at boot time on Mac OS X 10.10.

This release contains updated SentinelProtectionInstaller.pkg, which works well on Mac OS X 10.10. Following incidents have been taken care in this release

- JIRA SR LEGK-256 & US LEGK-275 (Sentinel server is not launched when the OS boots)

What is Sentinel Protection Installer?

The application that you have obtained requires a few components to communicate with the Sentinel UltraPro key. The Sentinel Protection Installer is an integrated installer that installs these components in one step on your computer. The components are:

- Sentinel System Driver

Required for communicating with the Sentinel UltraPro USB keys.

- Sentinel Protection Server

Manages licensing for a network application. It must be run on the system where the Sentinel UltraPro key is attached.

Installation

This section contains details regarding installation.

Platforms Tested

- Macintosh OS 10.10

- Macintosh OS 10.9.5

On Which System I Should Run This Installer?

You must run this installer on the system where the Sentinel UltraPro key is to be attached. This can be a stand-alone system or a network system (where multiple applications in the subnet access the Sentinel UltraPro key concurrently).

Installation Instructions

Note: Administrator or super user privileges required for installing this software. In order to set up the Sentinel Protection Installer, you must be an administrator or a super user (root).

Double-click SentinelProtectionInstaller.pkg to launch the installer. Follow the on-screen instructions to complete the installation.

Installed Components

The post-installation directory structure will look like follows:

Path	Description
/Library/Frameworks	Contains files for the Sentinel framework.
/Applications/Sentinel/Sentinel Protection Server	Contains files for the Sentinel Protection Server.
/Applications/Sentinel/Sentinel Protection Installer/7.4.2/English	Contains the following: <ul style="list-style-type: none">▪ This readme.▪ Uninstall script for the Sentinel Protection Installer
/System/Library/Extensions/Sentinel.kext	Driver to communicate to the USB key.

Miscellaneous

This section contains information on using the Sentinel License Monitor.

About Sentinel Monitor

The Sentinel License Monitor shows the details of the hardware keys attached to a system and clients accessing the keys via a Web browser. It is a convenient way to view and track the license activity and analyze application usage. You can view the following details about the keys connected to a system:

- Serial number, part number and hard limit of the key.
- Track how many licenses are currently in use.
- View the highest number of licenses issued by a key.
- Monitor the number of time-outs—the sessions that collapsed without properly releasing the license—recorded by the license server for clients using licenses from a key.
- Details of the client (such as, the user name, login time, and client process ID) who have currently obtained the license(s) from the key.

Note: Cancel license functionality is not available in SUP 1.0.1

Prerequisites for Launching the Sentinel License Monitor

Here are the specific requirements:

- Make sure that the Sentinel Protection Server version 7.3 or later is running on the system where the key is attached.
- The client must have Java 2 Runtime Environment (JRE) 1.4.1 (or higher). If it does not already exist, you will be prompted for downloading it.
- The client must be running Internet Explorer version 5.0 (or higher) or Safari version 1.0 (or higher).

Steps for Launching the Sentinel License Monitor

1. Open the Web browser on the system (Internet Explorer 5.0 or higher).
2. In the Address bar, type the name or IP address of the system (where the hardware key is attached and the Sentinel Protection Server is running) in the following format:

http://IP address (or system name):HTTP port number

For example,

http://198.168.100.254:6002

3. Press the Enter key. The Sentinel License Monitor Web page is displayed (see next page).

Address <http://192.168.100.91:6002>

Sentinel License Monitor

System Address: <http://192.168.100.91:6002/>

Sentinel Protection Server Version 7.3

This web page shows you details of the keys attached to the system.

Please click on a key number to view the details about the clients who are using the licenses available with this key.

Keys#	Key Type	Serial Number	Part Number	Hard Limit	Licenses-In-Use	Highest Used	Time-Outs
1	UltraPro	0x00000005	SRB11153	3	1	2	0
2	UltraPro	0x00010027	SRB00001	3	0	0	0
3	UltraPro	0x00000245	SRB06433	5	0	0	0

Clicking it will display the license usage details like shown below

Sentinel License Monitor Shows the Hardware Key Information

Address <http://192.168.100.91:6002/licenseinfo.html?175>

License Usage for the Key

Serial Number: 0x00000005

Following are the usage details of each license available with key.

Client/Access Mode	User Name	Client login time	Client Process ID
John - XP	Smith	7/15/2004 17:33:26	4036
SP_LOCAL_MODE	Tim	7/15/2004 17:32:17	3700

Sentinel License Monitor Shows Details of the Clients Accessing a Hardware Key



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