

配置Firepower机箱管理器注册给在Prem一个聪明的软件管理器

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简介

本文描述逐步指导注册一个Firepower机箱管理器(FCM) Firepower的4100/9300平台对在Prem一个聪明的软件管理器(SSM)。

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[先决条件](#)

[要求](#)

Cisco 建议您了解以下主题：

- Firepower机箱4100/9300系列管理器的onFirepower
- 在Prem聪明的软件管理器
- Firepower产品的巧妙的许可授权的型号

[使用的组件](#)

本文档中的信息根据这些软件/硬件版本：

- Firepower机箱管理器2.7(1.92)
- 聪明的软件管理器在Prem 7

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络实际，请保证您了解所有步骤潜在影响。

背景信息

在Prem Cisco聪明的软件管理器(以前叫作Cisco巧妙的软件管理器卫星)是组件与Cisco聪明的软件管理器一道许可授权的工作Cisco聪明。它提供接近实时可见性，并且报告Cisco准许您采购并且消

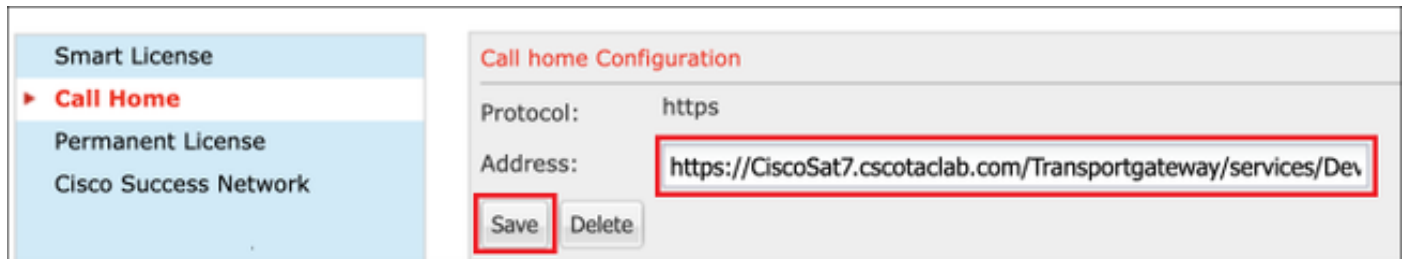
耗，当给安全敏感的组织方式访问Cisco SSM功能的一子集，无需使用直接互联网连接管理他们的安装时根据。

步骤

一旦有聪明的软件管理器在Prem已注册对您聪明的帐户，请遵从这些步骤注册它在FCM。

第 1 步： 使用地址，在FCM，请导航到系统>许可授权> Call Home，编辑并且保存Call Home设置：

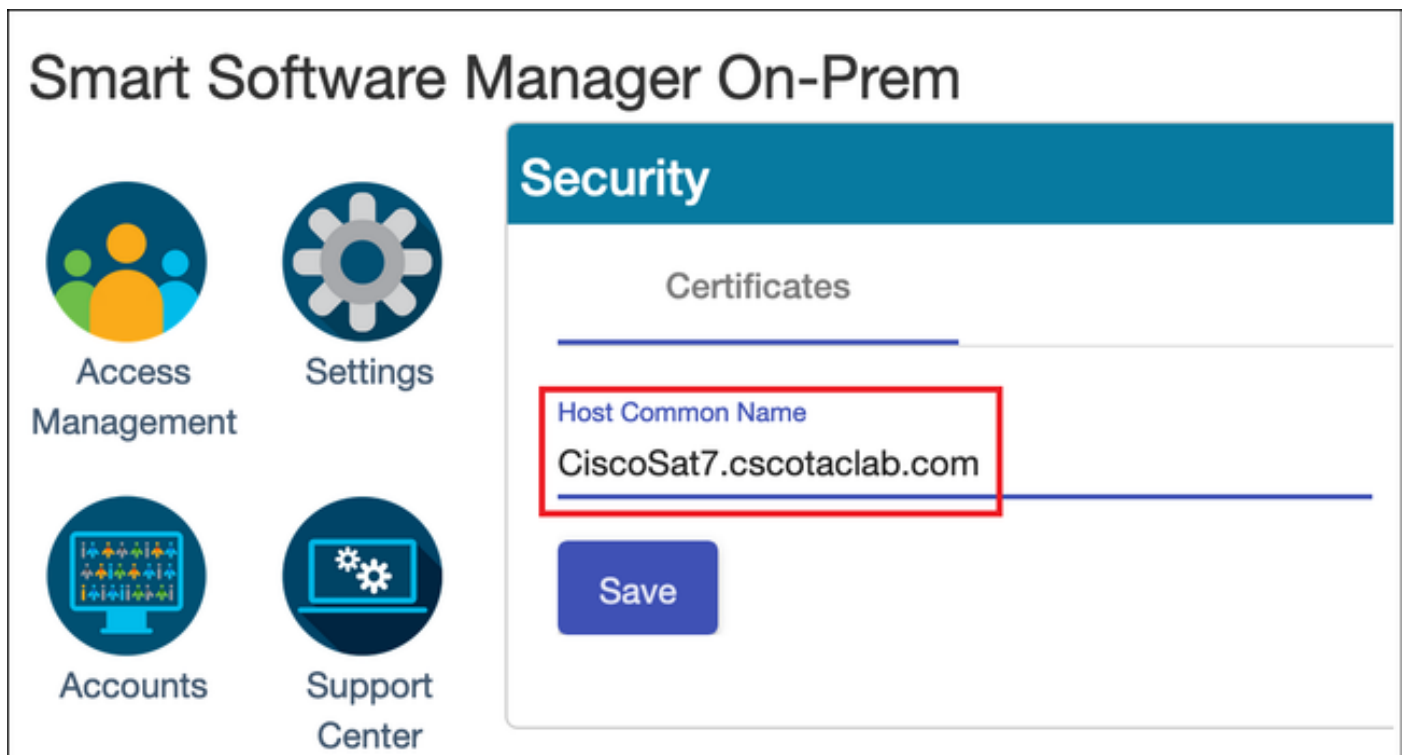
`https:// [FQDN of On-Prem server] /Transportgateway/services/DeviceRequestHandler`



Smart License	Call home Configuration
► Call Home	Protocol: https
Permanent License	Address: <code>https://CiscoSat7.cscotaclab.com/Transportgateway/services/Dev</code>
Cisco Success Network	Save Delete

在的Prem服务器FQDN必须匹配在SSM配置的主机公用名称。

要检查在SSM在Prem 7的已配置的主机公用名称，请登录SSM管理工作区并且导航对安全选项卡。



Smart Software Manager On-Prem

- Access Management
- Settings
- Accounts
- Support Center

Security

Certificates

Host Common Name: `CiscoSat7.cscotaclab.com`

Save

提示： SSM主机公用名称可以也验证使用Openssl工具s_client命令的openssl -请连接 [OnPrem server IP] : 443

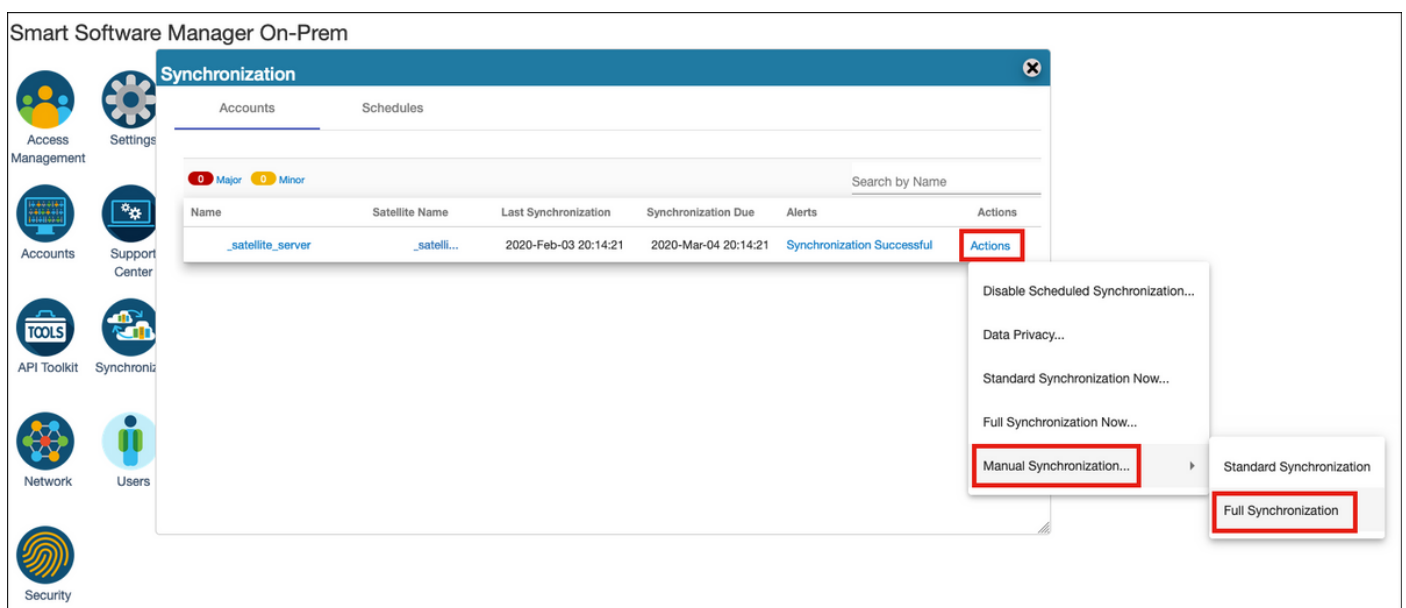
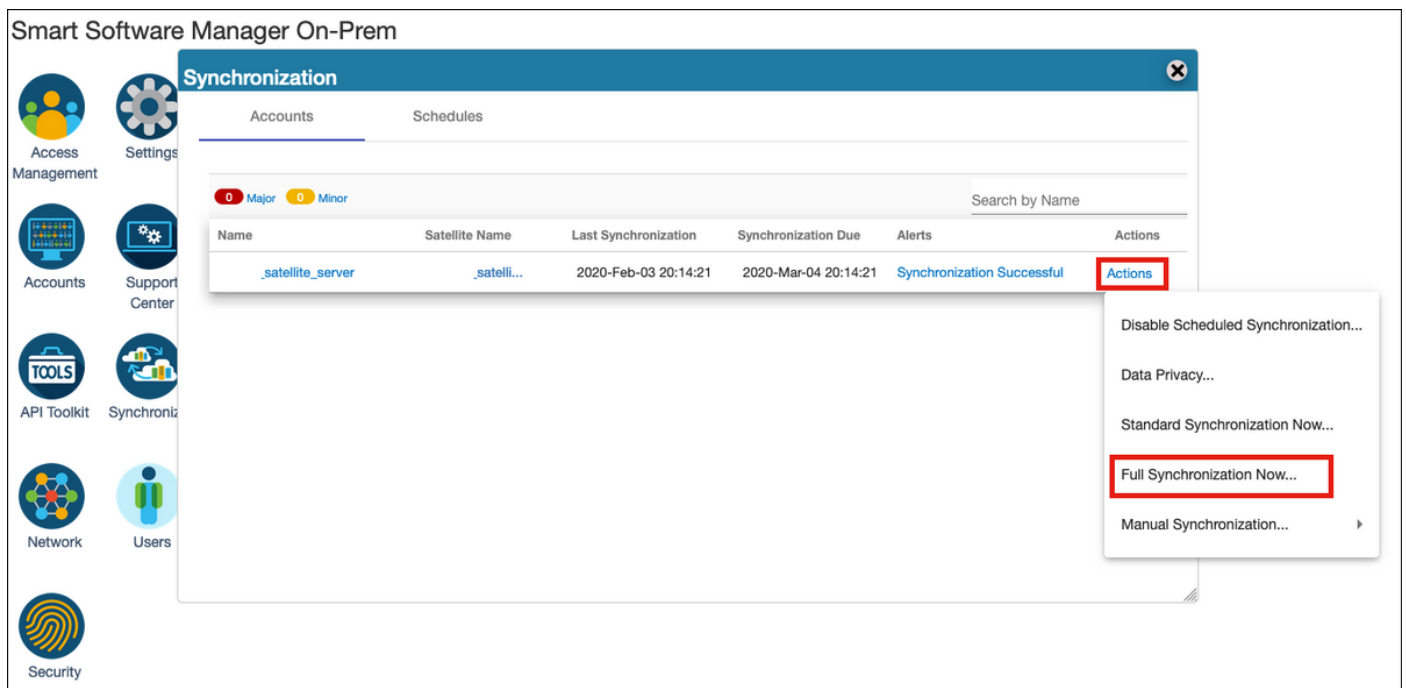
```
MCPrT:~ user$ openssl s_client -connect 10.48.23.171:443
CONNECTED(00000003)
depth=2 O = Cisco, CN = Cisco Licensing Root CA
verify error:num=19:self signed certificate in certificate chain
```

```

verify return:0
---
Certificate chain
 0 s:/CN=CiscoSat7.cscotac1ab.com/OU=TC/C=US/O=Cisco
  i:/C=US/O=Cisco/CN=TG SSL CA
 1 s:/C=US/O=Cisco/CN=TG SSL CA
  i:/O=Cisco/CN=Cisco Licensing Root CA
 2 s:/O=Cisco/CN=Cisco Licensing Root CA
  i:/O=Cisco/CN=Cisco Licensing Root CA
---
[...]
```

注意：使用2个同步选项之一，在主机公用名称更改的情况下通过SSM GUI，与在Cisco许可授权的页的OnPrem帐户请同步SSM：

1. 联机的按需要：假设有互联网连接和通过全双工同步当前执行。
2. 根据要求指南：通过手工的同步执行>全双工同步

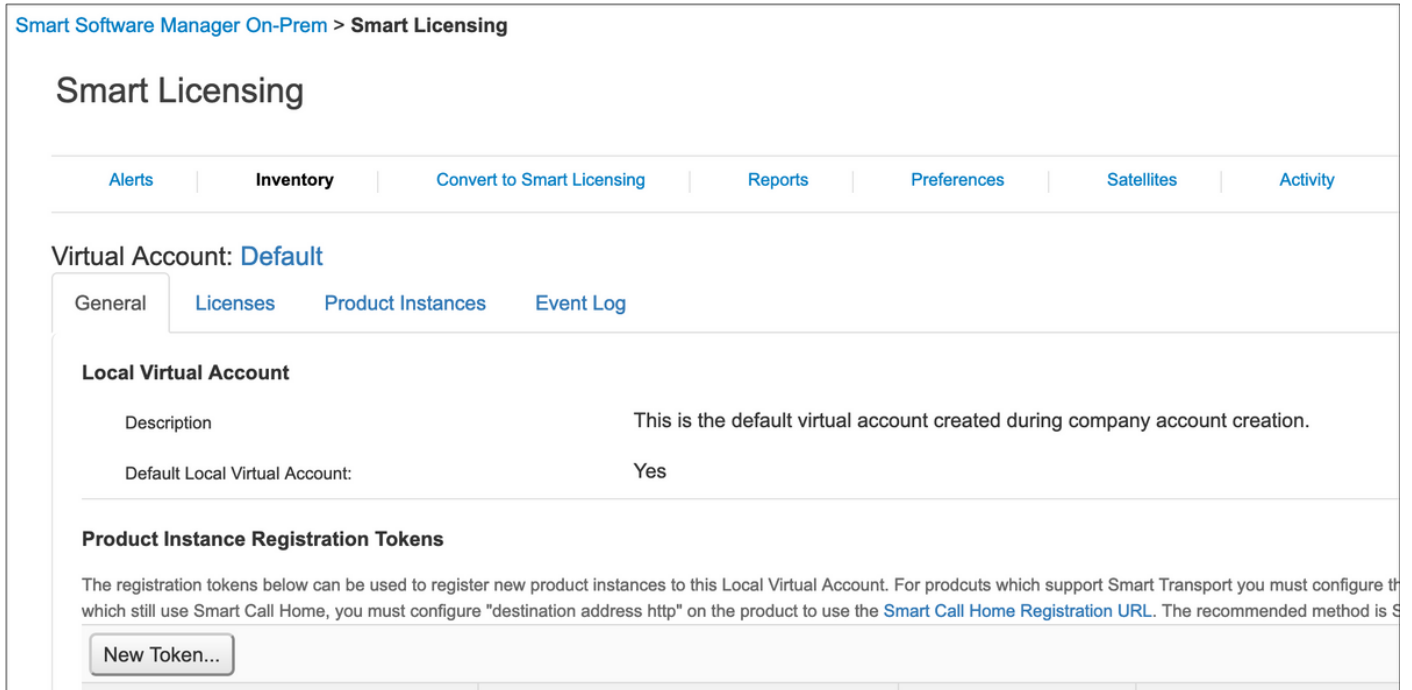


保证在FCM配置的DNS服务器解决FQDN。

提示：SSM reachability可以被检查从级的本地mgmt的FCM CLI

```
FPR4110# connect local-mgmt
FPR4110(local-mgmt)# ping CiscoSat7.cscotaclab.com
PING CiscoSat7.cscotaclab.com (10.48.23.171) from 10.62.148.38 eth0: 56(84) bytes of data.
64 bytes from 10.48.23.171: icmp_seq=1 ttl=53 time=47.9 ms
64 bytes from 10.48.23.171: icmp_seq=2 ttl=53 time=47.9 ms
```

步骤2.登陆对SSM在Prem 7许可授权的工作区并且导航对许可授权的聪明> Inventory>常规。



Smart Software Manager On-Prem > Smart Licensing

Smart Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | Satellites | Activity

Virtual Account: **Default**

General | **Licenses** | Product Instances | Event Log

Local Virtual Account

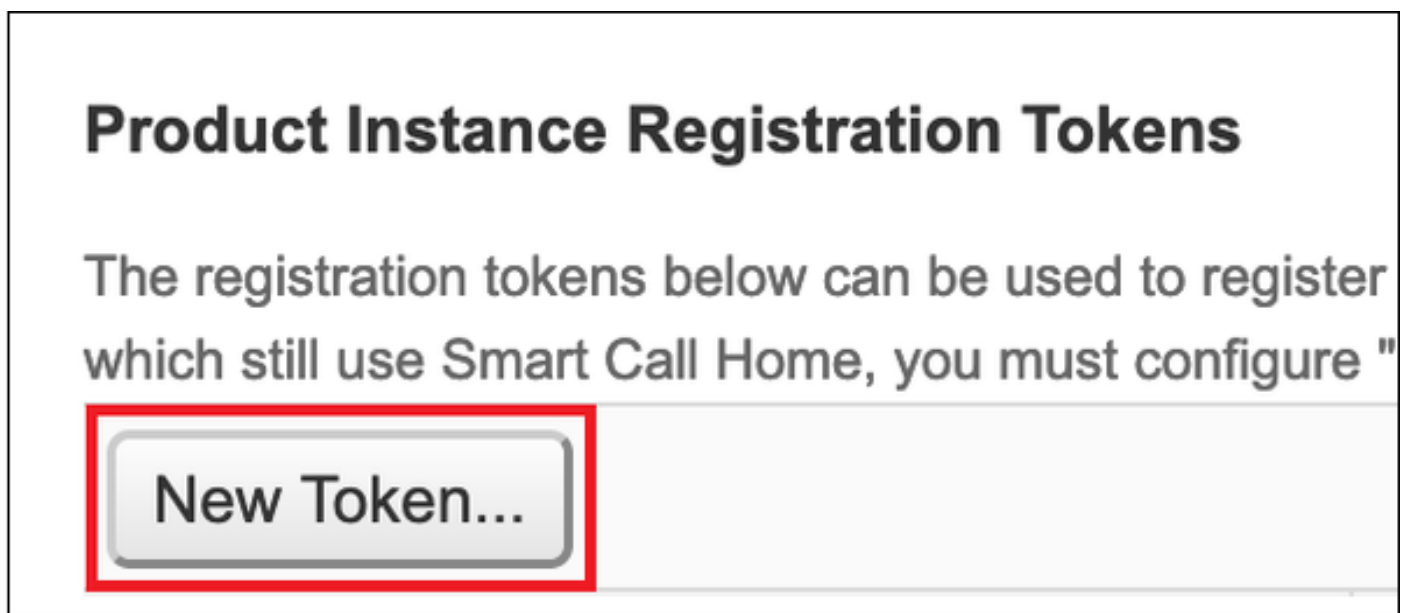
Description	This is the default virtual account created during company account creation.
Default Local Virtual Account:	Yes

Product Instance Registration Tokens

The registration tokens below can be used to register new product instances to this Local Virtual Account. For products which support Smart Transport you must configure the "destination address http" on the product to use the [Smart Call Home Registration URL](#). The recommended method is S...

New Token...

步骤3.选择新的标记生成标记。



Product Instance Registration Tokens

The registration tokens below can be used to register which still use Smart Call Home, you must configure "

New Token...

步骤4.输入说明，标记的有效期并且选择创建标记。

Create Registration Token

This dialog will generate the token required to register your product instances with your Account.

Virtual Account: Default

Description: token1

Expire After: 30 Days
Enter the value between 1 and 365, but Cisco recommends a maximum of 30 days

Max. Number of Uses:
The token will be expired when either the expiration or the maximum uses is reached

Allow export-controlled functionality on the products registered with this token ⓘ

Create Token Cancel

步骤5.复制标记对剪贴板。

步骤6.导航到FCM系统>许可授权>聪明的许可证，粘贴标记并且选择寄存器。

Smart License

- Call Home
- Permanent License
- Cisco Success Network

Welcome to Smart Licenses

Smart License is not set up in this product. To use smart license, first register this product with Cisco Smart Software Manager
Smart License Product Registration

Enter Product Instance Registration Token:
**1234QDU5Mzgt1234567890ExLWlWYtctYfYzA00TJIZGI1LTE2MDQzMDc2%0AMjkyNTJ8Q25rU21234IEcFg0ZTN
ON2czZW01VDREQJJPV1dyMGdzWit2MUDn%0AdjV1234567890**

If you don't have your product instance registration token, you may copy it from your Cisco Smart Software Manager under the assigned virtual account.

Cisco Success Network

Cisco Success Network enablement provides usage information and statistics to Cisco which are essential for Cisco to provide technical support. This information also allows Cisco to improve the product and to make you aware of unused available features so that you can maximize the value of the product in your network.
[Click here](#) to check out the sample data that will be sent to Cisco.

You can disable the Cisco Success Network anytime by visiting the Cisco Success Network preferences pane.

Disconnection of Cisco Success network will not impact the receipt of Updates or operations of the Smart Licensing; such functions will continue to operate normally.

Enable Cisco Success Network

Register

验证

当您导航到系统>许可授权>聪明的许可证或运行在FCM CLI时的show命令许可证techsupport许可证状态可以证实：

Smart License Call Home Permanent License Cisco Success Network	Smart License Status Registration: Status: REGISTERED Smart Account: _satellite_server Virtual Account: Default Export-Controlled Functionality: ALLOWED Initial Registration: SUCCEEDED on Feb 03 2020 20:50:39 CET Last Renewal Attempt: None Next Renewal Attempt: Aug 01 2020 21:50:39 CEST Registration Expires: Nov 02 2020 09:37:25 CET License Authorization: Status: AUTHORIZED on Feb 03 2020 20:50:44 CET Last Communication Attempt: SUCCEEDED on Feb 03 2020 20:50:44 CET Next Communication Attempt: Mar 04 2020 20:50:44 CET Communication Deadline: May 03 2020 21:47:43 CEST <input type="button" value="Unregister"/>
---	---

FPR4110# **show license techsupport**

Smart Licensing Tech Support info

Smart Licensing Status

=====

Smart Licensing is ENABLED

Registration:

Status: REGISTERED

Smart Account: _satellite_server

Virtual Account: Default

Export-Controlled Functionality: ALLOWED

Initial Registration: SUCCEEDED on Feb 03 2020 20:50:39 CET

Last Renewal Attempt: None

Next Renewal Attempt: Aug 01 2020 21:50:39 CEST

Registration Expires: Nov 02 2020 09:37:25 CET

License Authorization:

Status: AUTHORIZED on Feb 03 2020 20:50:44 CET

Last Communication Attempt: SUCCEEDED on Feb 03 2020 20:50:44 CET

Next Communication Attempt: Mar 04 2020 20:50:44 CET

Communication Deadline: May 03 2020 21:47:43 CEST

[...]

[相关信息](#)

- [聪明的许可授权的概述](#)
- [Firepower 4100/9300 FXO Firepower机箱管理器配置指南](#)
- [聪明的软件管理器在的Prem用户指南](#)