



思科软件：使用智能帐户管理智能许可

合作伙伴和客户



面向客户的软件培训课程

网上直播培训
时间表

活动	时间	角色说明	管理应用
思科软件：功能概述（面向客户）	1 小时	<ul style="list-style-type: none">所有客户角色	不适用
思科软件：智能账户申请和设置（面向客户）	1 小时	<ul style="list-style-type: none">以管理员和用户身份操作智能账户的所有客户角色	思科软件中心 (CSC)
思科软件：智能账户管理（面向客户）	1 小时	<ul style="list-style-type: none">以管理员和用户身份操作智能账户的所有客户角色	思科软件中心 (CSC)
思科软件：使用智能账户管理智能许可	1 小时	<ul style="list-style-type: none">软件许可证和采购审批者许可证监督和管理人员	智能软件管理器 (SSM)
思科软件：使用智能账户管理传统许可	0.5小时	<ul style="list-style-type: none">软件许可证和采购审批者许可证监督和管理人员	许可证注册门户 (LRP)
思科软件：企业协议 (EA) 工作空间	1 小时	<ul style="list-style-type: none">企业协议 (EA) 管理	企业协议 (EA) 工作空间

面向代理商的软件培训课程

最新培训计划

活动	时间	角色说明	管理应用
思科软件：功能概述 (面向代理商)	1 小时	<ul style="list-style-type: none">所有代理商角色	不适用
思科软件：智能帐户设置 (面向代理商) 思科软件：智能帐户管理 (面向客户)	1 小时 1 小时	<ul style="list-style-type: none">与管理员和用户身份的智能帐户关联的所有代理商角色与管理员和用户身份的智能帐户关联的所有代理商角色	思科软件中心 (CSC) 思科软件中心 (CSC)
思科软件：使用智能帐户进行 CCW 报价和订购	1 小时	<ul style="list-style-type: none">下单人员将订单从暂持帐户分配到客户智能帐户的人员	思科商务工作空间 (CCW)
思科软件：使用智能帐户进行 B2B 报价和订购	1 小时	<ul style="list-style-type: none">下单人员将订单从暂持帐户分配到客户智能帐户的人员	思科商务工作空间 (CCW) 和 B2B 系统
思科软件：云/SaaS 报价	45 分钟	<ul style="list-style-type: none">创建云/SaaS 相关报价的人员	思科商务工作空间 (CCW)
思科软件：云/SaaS 订购	1 小时	<ul style="list-style-type: none">创建云/SaaS 订单的人员	思科商务工作空间 (CCW)
思科软件：云/SaaS 订用管理	75 分钟	<ul style="list-style-type: none">管理订用的人员	思科商务工作空间 (CCW)
思科软件：开具云/SaaS 发票	0.5 小时	<ul style="list-style-type: none">管理发票的人员	思科商务工作空间 (CCW)
思科软件：使用智能帐户进行智能许可管理	0.5 小时	<ul style="list-style-type: none">软件许可证和采购审批人许可证监督和管理人员	智能软件管理器 (SSM)
思科软件：使用智能帐户进行传统许可管理	1 小时	<ul style="list-style-type: none">软件许可证和采购审批人许可证监督和管理人员	许可证注册门户 (LRP)
思科软件：EA 工作空间	1 小时	<ul style="list-style-type: none">客户	EA 工作空间

A person is seen from behind, looking through a blue telescope. They are wearing a dark jacket and a backpack. The background shows a cityscape across a river, with a bridge and several buildings, including one with a large dome. The scene is brightly lit, suggesting a sunny day.

您将了解：

- 在智能帐户中管理 SSM 中的智能许可证

议程

1

智能软件管理器 (SSM) 中的智能许可管理

2

支持和其他资源



智能软件管理器 (SSM) 中的智能许可管理

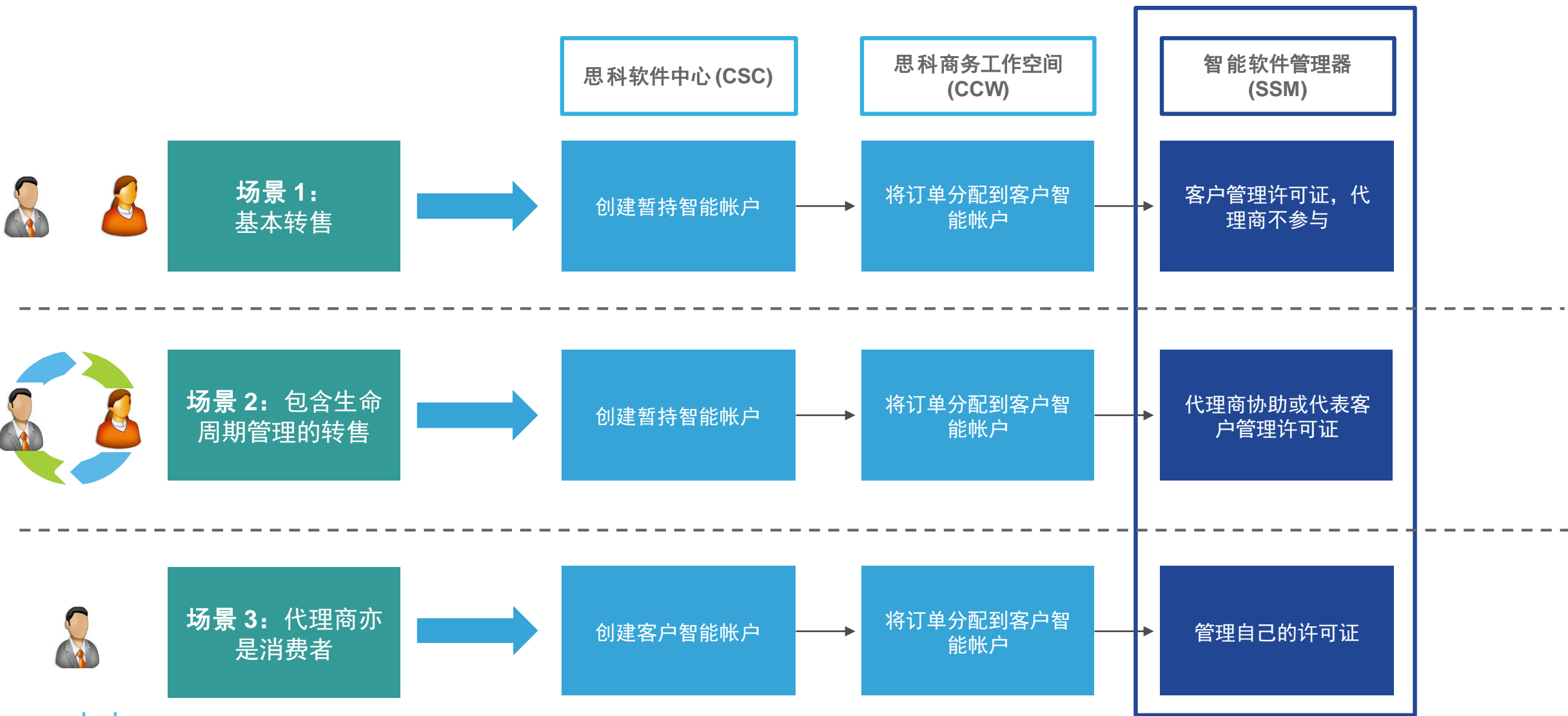
智能许可订购场景



客户



代理商



SSM 入门指南

- **SSM** 提供软件资产管理系统，让客户、思科和优选代理商得以了解有关智能许可证的软件所有权和软件利用率的信息
- 在 SSM 中只能管理存放于客户智能帐户中的智能许可证
 - 通过一个集中式网站管理资产
 - 组织和查看组（称为虚拟帐户）中的许可证
 - 在虚拟帐户之间轻松迁移许可证

所有权

商务
(CCW)



我已另行购买 5 个“高级”许可证供 BigU.edu 使用

“智能”
帐户



BigU.edu

拥有的数量:	10	+5
目前在用数:	10	+1

使用情况

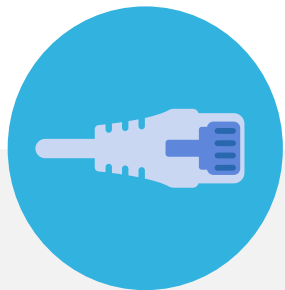
思科
产品



你好，我是 Device-East5，属于 BigU.edu，使用的是 1x 高级许可证

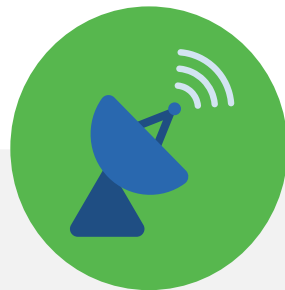
你好，你是 Device-East5，属于 BigU.edu 和物理系
你“符合要求”

智能许可部署选项



直接

- 思科产品直接通过互联网发送使用信息。无需其他组件。



On-Prem

- 思科产品将使用信息发送到本地安装的卫星。
- 定期与思科交换信息以保持本地同步。
- 此同步可以在连接的环境中自动进行，也可以手动断开连接



离线 (不建议)

- 使用产品和Cisco.com之间的复制/粘贴信息手动签入和签出许可证。
- 功能上等同于当前节点锁定，但具有智能许可证跟踪功能。

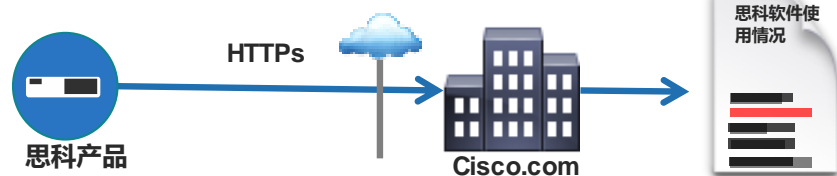
与思科安全通信的方法

思科产品将配置为在安装/调配时使用智能许可。思科提供四种不同的连接选项：最佳选项取决于客户许可证的部署方式及其网络设置方式。直接访问云是默认选项。

选项

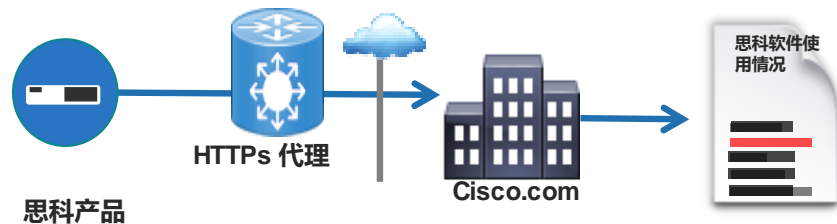
1 直接访问云（默认）

思科产品通过互联网直接发送使用信息。无需其他组件。



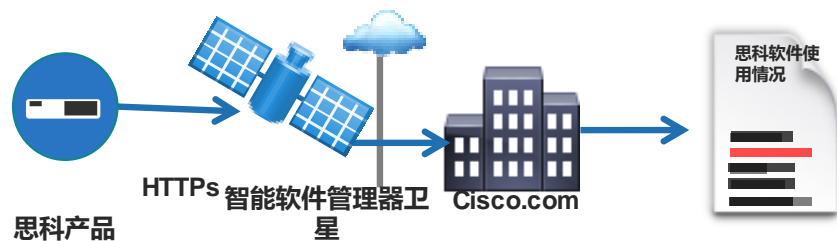
2 通过 HTTP 代理直接访问云

思科产品通过代理服务器在互联网上发送使用信息。使用任何现成的代理均可。



3 通过内部收集器进行中介访问

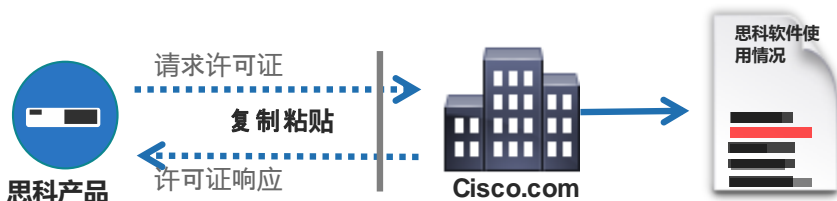
思科产品将使用信息发送到本地安装的卫星。定期与思科交换信息以保持卫星同步。这种同步可以在连接的环境中自动发生，也可以在断开的环境中手动发生



5 完全离线访问 - 特定许可保留

使用产品和Cisco.com之间的复制/粘贴信息来手动签入和签出许可证。在功能上等同于当前节点锁定，但具有智能许可证跟踪功能。

更多信息, 请点击链接 [Quick Guide](#)



易于使用

当前可用

基本门户导航

查看多个帐户

- 1 如果您可以访问多个客户智能帐户，则可以单击SA名称旁边的箭头。
- 2 从下拉列表中，您可以轻松地按帐户名称或域ID搜索您的智能帐户。
- 3 您还可以在列表视图中显示全部，这会提示弹出窗口。

The screenshot displays the Cisco Software Central interface. At the top, there is a navigation bar with the Cisco logo, a search icon, and a user profile icon labeled 'AS'. The main content area is divided into three columns. The first column is titled 'Download & Upgrade' and includes links for 'Software Download', 'eDelivery', 'Product Upgrade Tool (PUT)', and 'Upgradeable Products'. The second column is titled 'Network Plug and Play' and includes links for 'Plug and Play Connect' and 'Learn about Network Plug and Play'. The third column is titled 'Traditional Licenses' and includes links for 'Smart Software Licensing', 'Enterprise Agreements', and 'View My Consumption'. A dropdown menu is open on the right side, showing a list of accounts. The first item is 'Cisco Demo Customer Smart Account', which is highlighted with a red box and a '1' in a red circle. Below it, there is a list of accounts, including 'BJ Production Test 1', 'CISCO.COM Holding Account', 'Canada Motors', 'Cisco Demo Customer Smart Account', 'Internal Test Orders - test.cisco.com', and 'InternalTestDemoAccount3.cisco.com'. A red box and a '2' in a red circle highlight the list of accounts. At the bottom of the dropdown menu, there is a link 'Display All in List View', which is highlighted with a red box and a '3' in a red circle.

基本门户导航

在列表视图中显示全部

在列表视图中显示全部允许您查看所有智能帐户。

- 1 您可以选择每页查看的智能帐户数
- 2 您还可以为每个智能帐户和查看警报详细信息选择特定警报。

Your Smart Accounts

Account Name	Domain Identifier	Smart Account Alerts	Smart Licensing Alerts
BU Production Test 1	buproductiontest1.cisco.com		✖ 135 Major ⚠ 596 Minor View
Canada Motors	test.canadamotorsinc.com	✖ 1 Major View	✖ 1 Major ⚠ 52 Minor View
Cisco Demo Customer Smart Account	demo.cisco.com		✖ 380 Major ⚠ 1622 Minor View
CISCO.COM Holding Account (HOLDING)	cisco.com		
Internal Test Orders - test.cisco.com	test.cisco.com		✖ 3287 Major ⚠ 282 Minor View
InternalTestDemoAccount3.cisco.com	internaltestdemoaccount3.cis...		

Showing All 6 Records

1

2

基本门户导航

访问SSM

1 从Cisco Software Central(CSC), 单击智能软件许可。

Cisco Software Central

Download & Upgrade

- [Software Download](#)
Download new software or updates to your current software
- [eDelivery](#)
Get fast electronic fulfillment of software, licenses, and documentation
- [Product Upgrade Tool \(PUT\)](#)
Order major upgrades to software such as Unified Communications
- [Upgradeable Products](#)
Browse a list of all available software updates.

Network Plug and Play

- [Plug and Play Connect](#)
Device management through Plug and Play Connect portal
- [Learn about Network Plug and Play](#)
Training, documentation and videos

License

- [Traditional Licensing](#)
Generate and manage PAK-based and other device licenses, including demo licenses
- [Smart Software Licensing](#)
Track and manage Smart Software Licenses.
- [Enterprise Agreements](#)
Generate and manage licenses from Enterprise Agreements.
- [View My Consumption](#)
View all my customers based on smart accounts

Cisco Demo Customer Smart Account

基本门户导航

许可协议

- 1 首次登录 SSM 或需要接受新协议时，此通知将显示。必须接受协议方可生成令牌和连接产品实例，从而使用许可证。
- 2 如果您有权接受协议，请点击**查看/接受**，或点击**继续推迟协议**。
- 3 仔细查看协议。如果同意协议条款，请点击**接受**。

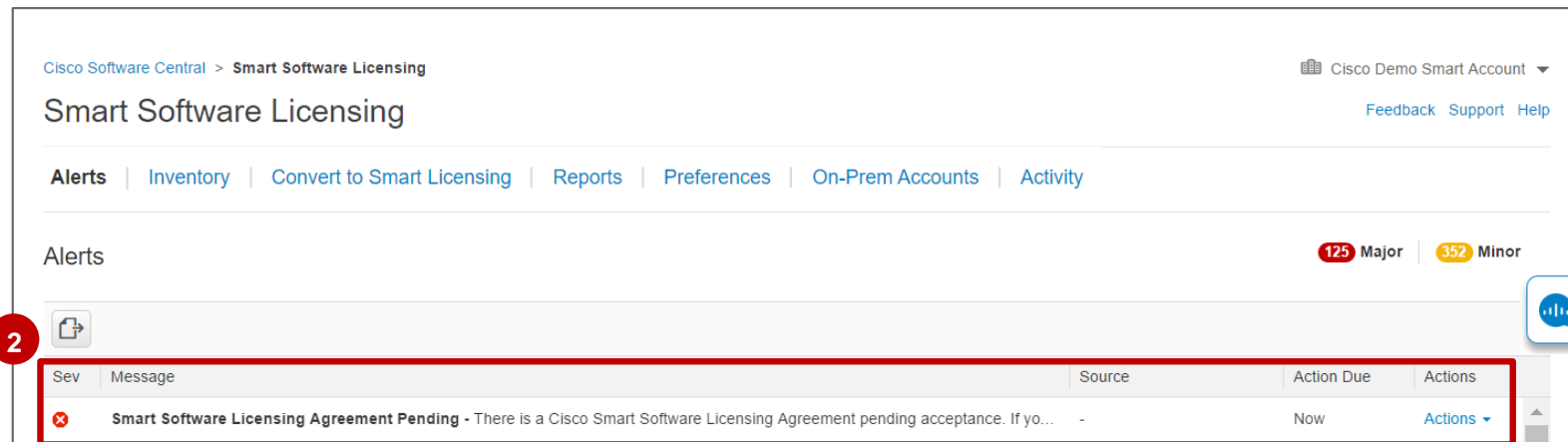
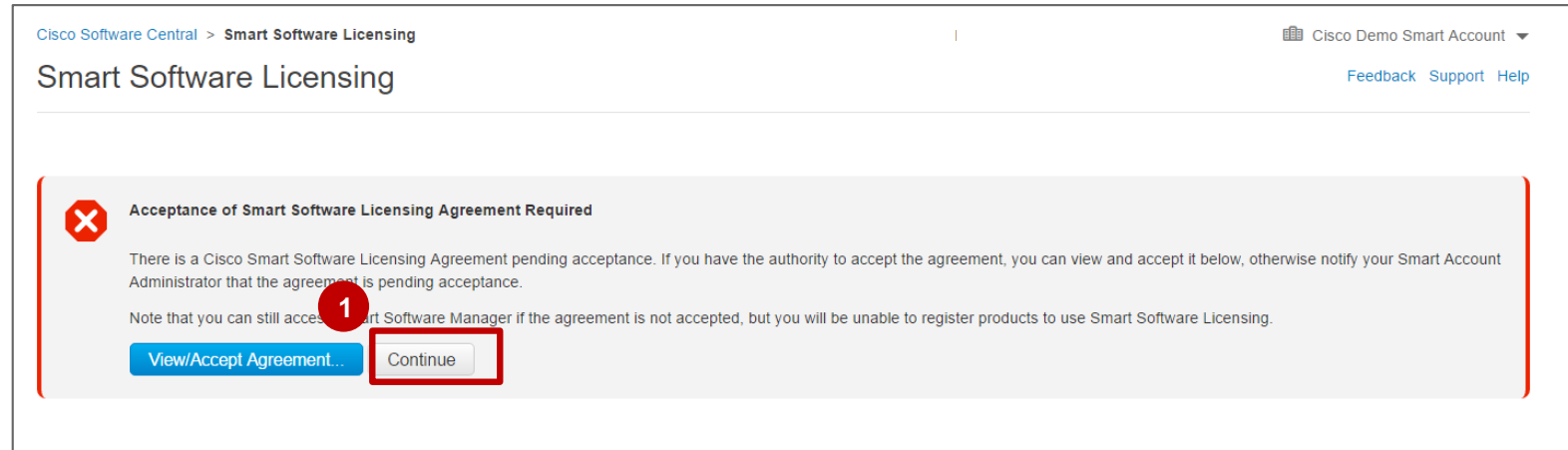
The screenshot shows the Cisco Smart Software Licensing page. A notification banner (1) states: "Acceptance of Smart Software Licensing Agreement Required. There is a Cisco Smart Software Licensing Agreement pending acceptance. If you have the authority to accept the agreement, you can view and accept the agreement as the Account Administrator that the agreement is pending acceptance. Note that you can still access Smart Software Manager if the agreement is not accepted, but you will be unable to register products to use Smart Software Manager." Below the notification are two buttons: "View/Accept Agreement..." (2) and "Continue". A red arrow points from the "View/Accept Agreement..." button to a modal dialog box. The modal dialog (3) is titled "QA_C2A_CUST_JUN28_SHE,V1.0" and contains the following text: "PLEASE READ CAREFULLY THIS AGREEMENT TO USE CISCO'S SMART LICENSING, SMART ACCOUNT AND OTHER SA PRODUCTS. IF YOU DON'T AGREE, CLICK 'DECLINE' BELOW. IF YOU DO AGREE, CLICK 'ACCEPT'." The dialog also contains several paragraphs of legal text and a checkbox labeled "I agree to the terms above". At the bottom right of the dialog are "Accept" and "Close" buttons.

请注意，只有智能帐户管理员可以在 SSM 中接受协议。接受协议后，管理员还将获得审批人角色。

基本门户导航

许可协议

- 1 如果您是管理员，且您选择“继续”而不是接受协议，系统将向您展示一个新屏幕。
- 2 您可以在此屏幕中查看 SSM，但选择“资产”时，界面会生成一个错误，智能帐户将进入待定状态，直到您接受智能软件许可协议。



请注意，只有智能帐户管理员可以在 SSM 中接受协议。接受协议后，管理员还将获得审批人角色。

基本门户导航

许可协议

- 1 如果初次登录时没有接受协议，则不会出现生成令牌选项，您可以在“常规”选项卡中接受协议。
- 2 点击超链接查看并接受协议，这样才能生成令牌。请注意，接受协议后，您将成为智能帐户审批人。

The screenshot displays the Cisco Smart Software Licensing interface. On the left, the 'Virtual Account' section shows '1_EMEAR Demo'. Below it, a warning message states: 'Because a Smart Software Licensing Agreement has not yet been accepted for this Smart Account, no Product Instance Registration Tokens can be generated. [View and accept it.](#) Otherwise notify your Smart Account Administrator that the agreement is pending acceptance.' A red circle '1' highlights the 'View and accept it' link, with a red arrow pointing to a modal dialog on the right.

The modal dialog, titled 'QA_C2A_CUST_JUN28_SHE, V 1.0', contains the following text:

PLEASE READ CAREFULLY THIS AGREEMENT TO USE CISCO'S SMART LICENSING, SMART ACCOUNT AND OTHER SA PRODUCTS. IF YOU DON'T AGREE, CLICK "DECLINE" BELOW. IF YOU DO AGREE, CLICK "ACCEPT."

This Agreement is between Cisco Systems, Inc., ("we" or "Cisco"), and your entity ("you" or "Customer"). It governs your use of and access to Smart Licensing and Smart Account, including any related documentation and materials, except to the extent there is a separate signed agreement between us specifically covering your use of Smart Licensing and/or Smart Account. If you have such a separate signed agreement, where there is a conflict between the provisions of this Agreement and the separate signed agreement, the terms of the separate signed agreement will control.

You represent and warrant that you are authorized to accept this Agreement on behalf of the organization or entity you represent. This Agreement applies to updates, supplements, add-on components, and Internet-based services and portal components of Smart Licensing and Smart Account that we make available to you unless we provide other terms with such items. It also addresses certain information from/regarding Other SA Products.

This Agreement is entered into as of the date ("Effective Date") your representative, who is authorized to accept the terms of this Agreement, clicks "Accept" below.

This Agreement consists of these terms and conditions and the Service Feature Description, as well as any appendices.

Regarding Authorized Channels: If you want to have one or more partners authorized by Cisco to sell Cisco products (each an "Authorized Channel") to have access to your information provided in connection with Smart Licensing and Smart Account, then before an Authorized Channel can access or use Smart Licensing and Smart Account for you, you need to pick them as your agent. You do that by entering them here. You can also add additional Authorized Channels or stop an Authorized Channel's access there. You are responsible for your Authorized

At the bottom of the modal, there is a checkbox labeled 'I agree to the terms above' with a red circle '1' next to it. Below this is a yellow warning icon and text: 'By accepting this agreement you represent and warrant that you are authorized to accept this Agreement on behalf of the organization or entity you represent and therefore you will be automatically added to the role of the company's Approver for any future correspondence requiring authorized approval.' At the bottom right, there are 'Accept' and 'Close' buttons, with a red circle '2' next to the 'Accept' button.

基本门户导航

布局 - 导航

- 1 智能软件管理器有 7 个选项卡，并让警告一目了然。您可以查看所有严重和轻微警报。在虚拟帐户和智能帐户级别，当系统针对订用的许可证发出许可证到期警报消息时，许可证类型后面会加上“期限”一词。
- 2 在该工具各处，点击导出图标即可下载该选项卡中的信息。

Cisco Software Central > Smart Software Licensing Sept_BAT ▾

Smart Software Licensing

[Feedback](#) [Support](#) [Help](#)

1 Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Alerts 4 Major | 8 Minor | 2 Informational

2

Sev	Message	Source	Action Due	Actions
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of Stage22 licenses. 1 license is required to return to complian...	DEFAULT	Now	Actions ▾
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of CSR 1KV APPX 500M licenses. 1 license is required to retu...	DEFAULT	Now	Actions ▾
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of CSR 1KV APPX 10M licenses. 1 license is required to retur...	DEFAULT	Now	Actions ▾
✖	Duplicate Licenses - 2 instances of the license "CSR 1KV IP BASE 10G" are assigned to the Virtual Account "VA_Usage". The 2 dupli...	VA_Usage	Now	Actions ▾
⚠	Licenses Expiring - 2 CSR 1KV IP BASE 10M term licenses in the Virtual Account "VA_Dest" are set to expire in 24 days on Sep 21, ...	VA_Dest	24 days	Actions ▾
⚠	Licenses Expiring - 8 CSR 1KV IP BASE 10M term licenses in the Virtual Account "DEFAULT" are set to expire in 24 days on Sep 21,...	DEFAULT	24 days	Actions ▾
⚠	Licenses Expiring - 10 CSR 1KV AX 100M term licenses in the Virtual Account "DEFAULT" are set to expire in 44 days on Oct 11, 2018	DEFAULT	44 days	Actions ▾
⚠	Licenses Expiring - 1 CSR 1KV CSR 2.5G STD term license in the Virtual Account "DEFAULT" is set to expire in 45 days on Oct 12, 2...	DEFAULT	45 days	Actions ▾
⚠	Licenses Expiring - 1 CSR 1KV CSR 2.5G PRM term license in the Virtual Account "DEFAULT" is set to expire in 45 days on Oct 12, ...	DEFAULT	45 days	Actions ▾
⚠	Licenses Expiring - 1 CSR 1KV STD 5G term license in the Virtual Account "DEFAULT" is set to expire in 45 days on Oct 12, 2018	DEFAULT	45 days	Actions ▾

Showing Page 1 of 2 (14 Records) ⏪ ⏩

警报

主要, 次要和信息辅修

- 1 在一个位置查看整个智能帐户的警报。
- 2 主要警报为红色, 次要警报为黄色, 信息警报为浅蓝色。
- 3 单击“操作”以解决任何问题或解除次要/信息警报。
- 4 在“库存”选项卡中按虚拟帐户查看警报。单击标题级别图标以展开消息。

查看警报页面时, 警报按以下顺序排序:
主要, 次要和信息。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Alerts

4 Major | 8 Minor | 2 Informational

Sev	Message	Source	Action Due	Actions
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of Stage22 licenses. 1 license is required to return to complian...	DEFAULT	Now	Actions
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of CSR 1KV APPX 500M licenses. 1 license is required to retu...	DEFAULT	Now	Actions
✖	Insufficient Licenses - The Virtual Account "DEFAULT" has a shortage of CSR 1KV APPX 10M licenses. 1 license is required to retur...	DEFAULT	Now	Actions
✖	Duplicate Licenses - 2 instances of the license "CSR 1KV IP BASE 10G" are assigned to the Virtual Account "VA_Usage". The 2 dupli...			
⚠	Licenses Expiring - 2 CSR 1KV IP BASE 10M term licenses in the Virtual Account "VA_Dest" are set to expire in 24 days on Sep 21, 2...			
⚠	Licenses Expiring - 8 CSR 1KV IP BASE 10M term licenses in the Virtual Account "DEFAULT" are set to expire in 24 days on Sep 21, ...			

任何不符合许可协议的许可证或产品实例
都会生成警报。(例如, 使用的许可证数
量超过购买数量)

在虚拟帐户和智能帐户级别, 当为订阅中的
许可证生成许可证到期警报消息时, 现
在会在许可证类型之后添加“term”一词。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

3 Major | 7 Minor | 2 Informational | Hide Alerts

⚠	Licenses Expiring - 8 CSR 1KV IP BASE 10M term licenses in the Virtual Account "DEFAULT" are set to expire in 24 days on Sep 21, 2018	Actions	Action Due: 24 days
⚠	Licenses Expiring - 10 CSR 1KV AX 100M term licenses in the Virtual Account "DEFAULT" are set to expire in 44 days on Oct 11, 2018	Actions	Action Due: 44 days

库存

一般

- 1 在“库存 - 常规”选项卡中，查看所选虚拟帐户的虚拟帐户详细信息。
- 2 您还可以生成令牌以将新产品实例注册到虚拟帐户。
有关详细信息，请参阅产品实例部分。

Cisco Software Central > Smart Software Licensing

Cisco Demo Customer Smart Account

Smart Software Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: 1 EMEAR Demo

1 Major | 47 Minor | Hide Alerts

General | Licenses | Product Instances | Event Log

Virtual Account

Description: 1_EMEAR Demo

Default Virtual Account: No

Product Instance Registration Tokens

The registration tokens below can be used to register new product instances to this virtual account.

New Token...

Token	Expiration Date	Description	Export-Controlled	Created By	Actions
ZWFmNTk2YmQtdmYi00ND..	2018-Aug-17 12:09:30 (in 29 days)	SE_Token	Allowed	jochenja	Actions
ZWRhMjNhMGEtZDM3YS00Z..	2018-Aug-17 11:55:22 (in 29 days)		Allowed	avoytenk	Actions

请记住：虚拟帐户是用于内部组织许可证的智能帐户的子集

库存

一般

- 1 您可以通过单击箭头并选择其他虚拟帐户在“库存”部分中的“虚拟帐户”之间切换。
您可以按名称或按标签使用“类型向下”搜索来选择虚拟帐户。这样可以更轻松地在虚拟帐户之间切换。

2

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The main area shows a list of virtual accounts under the heading "Virtual Account: 11DLC_ALERTS_ISSUE_1". A search dropdown is open, showing a list of virtual accounts with their respective counts and status indicators. A red box highlights the search dropdown and the list of virtual accounts. A second red box highlights the "Virtual Account" section on the right, showing the current selected account "EMEAR Demo" and a search dropdown for that account. A blue box at the bottom right contains text explaining the default virtual account and the blue star icon.

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: 11DLC_ALERTS_ISSUE_1

1 Major | 6 Minor

General | Licenses | By Name | By Tag

Virtual Account	Count	Status
11DLC_ALERTS_I...	6	Major
123Upgrade	61	Major
1_LICENSE_UPGR...	13	Minor
1_Upgrade_demo	16	Minor
1UPGRADE_VA1	10	Minor
2_LICENSE_UPGR...	29	Minor
2_Upgrade_demo	43	Minor
2UPGRADE_VA2	41	Minor
3_Upgrade_demo	11	Minor
4_Upgrade_demo	5	Minor
AHA_1	1	Major

Virtual Account: 1 EMEAR Demo

General | Licenses | By Name | By Tag

Virtual Account: DEFAULT 2 106

Description: 1 EMEAR Demo

Default Virtual Account: No

Default Virtual Account

Default Virtual Account: No

默认虚拟帐户
用蓝星图标表示
如果项目已分配给整个智能帐户而非特定虚拟帐户，则许可证将存入默认虚拟帐户。
在CSC中设置虚拟帐户之前，所有智能许可证都将显示在“许可证”选项卡的默认帐户中。

库存 许可证

1 从“许可证”选项卡中，查看许可证清单，许可证使用情况，哪些许可证具有盈余或短缺以及警报。这可以让您了解维护合规性所需的许可证和操作。

2 行级别的警报表示许可证即将到期，因此您知道何时续订许可证。如果您没有足够的许可证或者有待升级的升级，它也会通知您。这将确保您保持合规。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: 11DLC_ALERTS_ISSUE_1

1 Major | 1 Minor | Hide All

General | Licenses | Product Instances | Event Log

Available Actions | Manage License Tags | License Reservation... | Search by License

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ISR G2 1941 NES	Prepaid	6 (+208 pending)	0	+ 6	Upgrade Pending	Actions
Nita CUWL ET	Prepaid	43	17 (17 Reserved)	+ 26		Actions
Restricted Entitlement Test2	Prepaid	86	0	+ 86		Actions
Restricted Universal Test1	Prepaid	1225	0	+ 1225	Licenses Expiring	Actions

Showing All 4 Records

当使用的许可证数量超过购买数量时，许可证警报不足。要解决此问题：
从另一个虚拟帐户转移可用许可证
购买更多许可证以恢复合规性

库存 许可证

- 1 您可以选择多个许可证来添加标签, 删除标签和执行传输。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The page title is "Smart Software Licensing" and the virtual account is "DEFAULT". The "Licenses" tab is active, displaying a table of licenses. A red box highlights the selection column, which contains checkboxes for each license row. A red circle with the number "1" is placed over the first checkbox, corresponding to the first instruction in the text.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
<input type="checkbox"/> ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs TAgtagGGGqwww&%!	Prepaid	64	0	+ 64	▲ Licenses Expiring	Actions
<input type="checkbox"/> C9300 48P DNA Advantage catalyst 900	Prepaid	1	1 (1 Reserved)	0		Actions
<input type="checkbox"/> C9300 48P NW Essentials	Prepaid	7	0	+ 7		Actions
<input type="checkbox"/> C9300 DNA Advantage	Prepaid	5	0	+ 5		Actions
<input type="checkbox"/> CSR 1KV AX 250M-1 Customer 2 Customer	Prepaid	13	0	+ 13		Actions
<input type="checkbox"/> ent_rest_1_fslr	Prepaid	5	1	+ 4		Actions
<input type="checkbox"/> ent_unrestricted	Prepaid	2	1 (1 Reserved)	+ 1		Actions
<input type="checkbox"/> Firepower 4100 ASA Standard	Prepaid	2	0	+ 2		Actions
<input type="checkbox"/> Firepower 9300 ASA PERM UNIV	Prepaid	1	1	0		Actions
<input type="checkbox"/> ISR_4321_AdvancedUCSuite	Prepaid	9	0	+ 9		Actions

Inventory

许可证 - 详细信息

- 1 单击许可证以查看更多详细信息：
- 2 在弹出窗口中，您可以看到4个选项卡：概述（虚拟帐户使用情况，许可证到期），产品实例，事件日志和事务历史记录。

Cisco Software Central > Smart Software Licensing OVERSTOCKCOM INC

Smart Software Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

Minor | Hide Alerts

General **Licenses** Product Instances Event Log

Available Actions Manage Tags... License Reservation... Search by License

License	Billing	Purchased	In Use	Balance	Alerts	Actions
<input type="checkbox"/> ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs <small>TAcfaaGGGowwww&%4</small>	Prepaid	64	0	+ 64	⚠ Licenses Expiring	Actions
<input type="checkbox"/> C9300 48P DNA Advantage <small>catalyst 900</small>	Prepaid	1	1 (1 Reserved)	0		Actions
<input type="checkbox"/> C9300 48P NW Essentials	Prepaid	7	0	+ 7		Actions
<input type="checkbox"/> C9300 DNA Advantage	Prepaid	5	0	+ 5		Actions
<input type="checkbox"/> CSR 1KV AX 250M-1 <small>Customer 2 Customer</small>	Prepaid	13	0	+ 13		Actions
<input type="checkbox"/> ent_rest_1_fslr	Prepaid	5	1	+ 4		Actions
<input type="checkbox"/> ent_unrestricted	Prepaid	2	1 (1 Reserved)	+ 1		Actions
<input type="checkbox"/> Firepower 4100 ASA Standard	Prepaid	2	0	+ 2		Actions
<input type="checkbox"/> Firepower 9300 ASA PERM UNIV	Prepaid	1	1	0		Actions
<input type="checkbox"/> ISR_4321_AdvancedUCSuite	Prepaid	9	0	+ 9		Actions

10 Showing Page 1 of 3 (22 Records)

2

ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs in DEFAULT

Overview Product Instances Event Log Transaction History

Description
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs

Virtual Account Usage
Purchased: 64 / In Use: 0 / Balance: + 64

Surplus
100%

License Types

库存 许可证 - 详细信息

2 在“交易记录”选项卡中，您可以看到包含以下详细信息的表格：

交易日期

许可证SKU

数量

许可证到期

订单(行)编号。

3 您还可以选择“交易”，弹出窗口将显示“交易详情”。

The screenshot displays the Cisco Smart Software Licensing interface for a demo account. The 'Transaction History' tab is selected, showing a table of transactions. A red box highlights the first row of the table, and a red arrow points to a popup window showing the details for that transaction.

Transaction Date	License SKU	Quantity	License Expiration	Order(Line)Number
2018-Jul-05 10:12:31	L-CSR-1G-AX-1Y=	12	2019-Jul-05 (Term)	-
2018-Jun-26 13:17:53	L-CSR-1G-AX-1Y=	2	2019-Jun-26 (Term)	-
2018-May-28 02:33:44	L-CSR-1G-AX-1Y=	-	-	-
2018-Apr-24 14:35:56	L-CSR-1G-AX-1Y=	-	-	-
2018-Mar-27 09:59:39	L-CSR-1G-AX-1Y=	-	-	-
2018-Mar-21 09:51:07	L-CSR-1G-AX-1Y=	-	-	-
2018-Mar-16 10:19:09	L-CSR-1G-AX-1Y=	-	-	-
2018-Mar-07 15:16:54	L-CSR-1G-AX-1Y=	-	-	-
2018-Feb-28 10:19:48	L-CSR-1G-AX-1Y=	-	-	-
2017-Nov-08 07:39:36	L-CSR-1G-AX-1Y=	-	-	-

Transaction Details

Transaction : 2018-Jul-05 10:12:31

Transaction Details

Transaction Date: 2018-Jul-05 10:12:31
License SKU: L-CSR-1G-AX-1Y=
License: CSR 1KV AX 1G
Quantity: 12
License Type: Term
Virtual Account: 1_EMEAR Demo
Source: Conversion (PAK: FXPAKA01704)

Term Details

Subscription ID: -
Subscription Status: -
Start Date: 2018-Jul-05
Expiration Date: 2019-Jul-05

库资产 - 首选项

“资产”选项卡（高级视图）中的许可证交易详细信息

- 1 要启用许可证交易详细信息高级视图，请转至首选项选项卡。
- 2 对于在“资产”选项卡中显示许可证交易详细信息，请将默认值从禁用改为启用。启用该功能后，您将能够查看许可证交易级别详细信息并执行交易级别操作。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | **Preferences** | On-Prem Accounts | Activity

License Configuration

Show License Transaction Details in Inventory Tab: **Enabled** [View Change Log](#)

Reserved License Preinstallation: **Disabled** [View Change Log](#)

资产

“资产”选项卡中的许可证交易明细(高级视图)

启用在“资产”选项卡中显示许可证交易详细信息功能后，系统将自动显示高级视图和高级搜索。

1 利用高级视图，您可以按以下条件搜索许可证：产品系列、来源、收货方国家/地区、订单编号（销售订单编号或 Web 订单 ID）、最终客户、SKU、PAK、采购订单编号、到期日期。

2 要完全禁用此视图，请勾选显示许可证交易选项，然后您将会返回到正常屏幕。

3 您还可以将“高级搜索”视图最小化。

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

Product Family: Product Family Order Number: Order Number SKU: SKU Name

Source: Select Source Expires By: Select Date PAK: PAK

Ship to Country: Select Country End Customer: End Customer Name PO Number: PO Number

Advanced Search Apply Clear

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

Product Family: Product Family Order Number: Order Number SKU: SKU Name

Source: Select Source Expires By: Select Date PAK: PAK

Ship to Country: Select Country End Customer: End Customer Name PO Number: PO Number

Advanced Search Apply Clear

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

Product Family: Product Family Order Number: Order Number SKU: SKU Name

Source: Select Source Expires By: Select Date PAK: PAK

Ship to Country: Select Country End Customer: End Customer Name PO Number: PO Number

Advanced Search Apply Clear

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	60	0	+ 60		Actions
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions

资产

“资产”选项卡（高级视图）中的许可证交易详细信息

1 利用高级视图，可以展开每个许可证摘要的视图，这将显示许可证交易级别详细信息。

注意：一个许可证可能会有以下多种来源：

- 手动输入
- PAK 转换
- 设备转换
- DLC 设备转换
- 企业协议 (EA) 工作空间
- 设备申请
- 订单行

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage Tags... License Reservation... Advanced View Search by License

Product Family: Order Number: SKU: Advanced Search

Source: Expires By: PAK: Clear

Ship To: End Customer: PO Number:

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	64	0	+ 64		Actions
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions
C9300 48P NW Essentials catalyst 900	Prepaid	7	0	+ 7		Actions
C9300 DNA Advantage	Prepaid	5	0	+ 5		Actions
CSR 1KV AX 250M-1	Prepaid	13	0	+ 13		Actions
Source: PAK Conversion PAK: FP593NELUSR		Skus: L-CSR-250M-AX-3Y= Family: Cloud Services Router	2	Expires: 2021-Jul-10		
Source: Manual Entry		Skus: L-CSR-250M-AX-3Y= Family: Cloud Services Router	10	Expires: -never-		
Source: Device Conversion Device: NA		Skus: L-CSR-250M-AX-3Y= Family: Cloud Services Router	1	Expires: 2021-Jun-07		

资产

许可证 - 标记许可证

1 要标记许可证，您可以从摘要视图中选择许可证，也可以在详细视图中选择特定许可证。

2 选择许可证后，单击“可用操作”，然后单击“添加许可证标记”

3 在弹出窗口中输入所需的标记，然后点击保存。您可以使用回车符、制表符和逗号分隔符一次添加多个标记。

如果相应标记已经存在，则可以从列表中选择该标记。

4 如果是第一次添加某个标记，在保存之前先确认创建新许可证标记。

Virtual Account: DEFAULT

General Licenses Product Instances Event Log

Available Actions Manage Tags... License Reservation... Advanced View Search by License

Transfer... Add License Tags Remove License Tags

Family Order Number: Order Number SKU: SKU Name Apply

Item Expires By: Select Date PAK: PAK Clear

Select Item End Customer: End Customer Name PO Number: PO Number

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	64	0	+ 64		Actions
Source: Manual Entry Customer 1 Customer 2	Skus: A9K-IVRF-LIC= ASR9000 Family: ASR9000	21	Expires: 2018-Sep-27			
Source: Manual Entry	Skus: A9K-IVRF-LIC= ASR9000 Family: ASR9000	38	Expires: -never-			
Source: Manual Entry	Skus: A9K-IVRF-LIC= ASR9000 Family: ASR9000	5	Expires: 2018-Dec-26			
C9300 48P DNA Advantage	Prepaid	1	1	0		Actions

Add Tags to the Selected Licenses

Currently available tags across selected lines:
Customer 1 Customer 2

Tags to be added on all selected lines:
Customer 3

Save Cancel

These tags are going to be created:
Customer 3

Are you sure you want to create these tags?
Yes No

Add Tags to the Selected Licenses

Currently available tags across selected lines:
Customer 1 Customer 2

Tags to be added on all selected lines:
Customer 3

Save Cancel



资产

许可证 - 标记许可证

5 保存后，许可证标签将显示在许可证下，或者在摘要或交易详细信息级别。

Virtual Account: **DEFAULT** ▾


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

Available Actions ▾ | Manage Tags... | License Reservation... |  | Advanced View | Search by License 

By Name | By Tag

Advanced Search ▾

Product Family: | Order Number: | SKU:

Source: ▾ | Expires By:  | PAK:

Ship To: ▾ | End Customer: | PO Number:

<input type="checkbox"/>	License	Billing	Purchased	In Use	Balance	Alerts	Actions
<input checked="" type="checkbox"/>	ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	321	0	+ 321		Actions ▾
<input type="checkbox"/>	Source: Manual Entry	Skus: A9K-IVRF-LIC=	2	Expires: 2018-Sep-27			
		Family: Cloud Services Router					
<input type="checkbox"/>	Source: Manual Entry	Skus: A9K-IVRF-LIC=	119	Expires: 2018-Sep-27			
	Customer 1	Family: Cloud Services Router					

资产 许可证 - 标记许可证

- 1 点击**管理标记**可删除或编辑现有标记。
- 2 对于每个许可证标记，您可以看到许可证数量和交易详细信息。
- 3 点击**编辑**可以更改许可证标记的名称。

Cisco Software Central > Smart Software Licensing OVERSTOCKCOM INC

Smart Software Licensing

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

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

Available Actions Manage Tags... License Reservation... Advanced View Search by License

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs TAGtagGGGqwww&%()	Prepaid	64	0	+ 64	Licenses Expiring	Actions
C9300 48P DNA Advantage	Prepaid	1	1 (1 Reserved)	0		Actions
C9300 48P NW Essentials	Prepaid	7	0	+ 7		Actions
C9300 DNA Advantage	Prepaid	5	0	+ 5		Actions
CSR 1KV AX 250M-1 Customer 2 Customer 1	Prepaid	13	0	+ 13		Actions
ent_rest_1_fsir	Prepaid	5	1	+ 4		Actions
ent_unrestricted	Prepaid	2	1 (1 Reserved)	+ 1		Actions
Firepower 4100 ASA Standard	Prepaid	2	0	+ 2		Actions
Firepower 9300 ASA PERM UNIV	Prepaid	1	1	0		Actions

Manage Tags

License Tags	Assigned to
catalyst 900 Edit Delete	3 Licenses 0 License transaction details
ccdda Edit Delete	1 Licenses 0 License transaction details
CSR Edit Delete	1 License transaction details 1 Licenses
Customer 1 Edit Delete	1 Licenses 3 License transaction details
Customer 2 Edit Delete	3 License transaction details 1 Licenses
dhjskdk Edit Delete	1 Licenses 0 License transaction details
dsfdfsfdgdfbgsf ewfddgfdgfbgfnf Edit Delete	1 Licenses 0 License transaction details

You can search your licenses By Tag to see where the tags are assigned Close

资产

资产- 许可证标记

1 您可以执行高级搜索或基于许可证标签的简单搜索。

在基于标签执行搜索时，编写多个标签将显示带有任一标签的搜索结果。

The screenshot displays the 'Smart Software Licensing' web interface. At the top, there are navigation links for Alerts, Inventory, Convert to Smart Licensing, Reports, Preferences, On-Prem Accounts, and Activity. Below this, the 'Virtual Account' is set to 'DEFAULT'. The 'Licenses' tab is active, showing a search bar with 'Customer 1' and 'Customer 2' tags. A red circle with the number '1' highlights this search bar. Below the search bar, there are several filter fields: Product Family, Order Number, SKU, Source, Expires By, PAK, Ship To, End Customer, and PO Number. The main content area shows a table of licenses with columns for License, Billing, Purchased, In Use, Balance, Alerts, and Actions. Two licenses are visible: 'ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs' and 'C9300 48P NW Essentials catalyst 900'. The bottom right corner indicates 'Showing All 2 Records'.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ASR 9000 Infrastructure VRF LC License. Support up to 8 VRFs	Prepaid	321	0	+ 321		Actions
Source: Manual Entry Customer 1 Customer 2	Skus: A9K-IVRF-LIC=	119	Expires: 2018-Sep-27			
Family: Cloud Services Router						
C9300 48P NW Essentials catalyst 900	Prepaid	7	0	+ 7		Actions
Source: Manual Entry Customer 2	Skus: C9300-NW-E-48	7	Expires: 2018-Oct-30			
Family: Email Sec Appliance						

资产 许可证 - 迁移

有些许可证不可用于传输，例如设备使用的受限许可证，仅报告许可证以及永久保留或特定的保留许可证。

- 1 要传输单个许可证，请从列表中选择一行，转到“操作”，然后单击“传输”。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The page title is "Smart Software Licensing" and the account is "Cisco Demo Customer Smart Account". The "Licenses" tab is selected, showing a table of licenses. The table has columns for License, Billing, Purchased, In Use, Balance, Alerts, and Actions. Three licenses are listed: CSR 1KV AX 1G, CSR 1KV AX 50M, and CSR 1KV SECURITY 50M. The "Actions" column for the third license is highlighted with a red box, and a "Transfer.." button is visible within this box. A red circle with the number "1" is placed next to the "Transfer.." button.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
CSR 1KV AX 1G Customer 1	Prepaid	121	0	+ 121		Actions
CSR 1KV AX 50M Customer 1	Prepaid	98	0	+ 98		Actions
CSR 1KV SECURITY 50M Customer 1	Prepaid	40	0	+ 40		Actions

资产 许可证 - 迁移

- 2 选择目标虚拟帐户。
您可以按名称或标签选择它。
- 3 输入要传输的所需许可证数量。
- 4 单击“显示预览”以查看虚拟帐户之间传输的许可证的更改。
- 5 单击转移。
- 6 您将看到确认消息。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activi

Virtual Account: 1_EMEAR Demo

General Licenses Product Instances Event Log

2 **Transfer Licenses Between Virtual Accounts**

Transfer To Virtual Account: Select Virtual Account

⚠ Any tags assigned to the licenses will not be persisted in the other Virtual Account.

License	Billing	Purchased	In Use	Balance	Transfer
CSR 1KV SECURITY 50M	Prepaid	40	0	40	3
Source: PAK Conversion PAK: FXPAK99294D	Skur: L-CSR-50M-ADV= Family: Cloud Services Router Expires: -never-	40			

4 Show Preview Cancel

分配给许可证的任何标签都不会保留在其他虚拟帐户中。

Virtual Account: 1_EMEAR Demo

General Licenses Product Instances Event Log

2 Major 47 Minor Hide Alerts

Transfer Preview:

License	From: 1_EMEAR Demo	To: 2_EMEAR Demo
CSR 1KV SECURITY 50M	Before Transfer: 40	60
	Change: -30	+30
	After Transfer: 10	90

5 Transfer Hide Preview Cancel

6 License(s) Successfully Transferred

资产 许可证 - 转让

- 1 要将您的视图中的所有许可证从一个虚拟帐户转移到另一个虚拟帐户，请勾选顶部的复选框。
您可以通过单独选择相应的框来传输多个许可证。

- 2 从可用操作，单击转移。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The page title is "Smart Software Licensing" and the virtual account is "1_EMEAR Demo". The "Licenses" tab is active, displaying a table of licenses. A red box labeled "1" highlights the "Available Actions" dropdown menu, and another red box labeled "2" highlights the "Transfer..." option within that menu. The table below shows various licenses with columns for Name, Billing, Purchased, In Use, Balance, Alerts, and Actions.

License Name	Billing	Purchased	In Use	Balance	Alerts	Actions
ASA Cus	Prepaid	1	0	+ 1		Actions
C9300 DNA Advantage Customer 1	Prepaid	1	0	+ 1		Actions
C9300 DNA Essentials Customer 1	Prepaid	2	0	+ 2		Actions
C9300 Network Essentials Customer 1	Prepaid	2	0	+ 2		Actions
CBR8 DOCSIS 3.0 Downstream Channel License Feature Customer 1	Prepaid	1	0	+ 1		Actions
CSR 1KV AX 1G Customer 1	Prepaid	121	0	+ 121		Actions

资产 许可证 - 迁移

1 选择目标虚拟帐户后，键入要传输的许可证数。

2 您将在摘要级别查看要为每个许可证转移的许可证总数。

同样，您可以单击“显示预览”以查看整体更改。

3



分配给许可证的任何标签都不会保留在其他虚拟帐户中。

Virtual Account: 1_EMEAR Demo 2 Major 47 Minor Hide Alerts

General Licenses Product Instances Event Log

Transfer Licenses Between Virtual Accounts

Transfer To Virtual Account: 2_EMEAR Demo ⚠ Any tags assigned to the licenses will not be persisted in the other Virtual Account.

License	Billing	Purchased	In Use	Balance	Transfer
ASAv10 Standard - 1G	Prepaid	1	0	1	1
Source: Manual Entry	Skus: L-ASAV10S-STD Family: ASA Expires: -never-	1			<input type="text" value="1"/>
C9300 DNA Advantage	Prepaid	1	0	1	1
Source: Manual Entry	Skus: C9300-DNA-A-24 Family: Nyquist Expires: 2023-Feb-26	1			<input type="text" value="1"/>
C9300 DNA Essentials	Prepaid	2	0	2	1
Source: Manual Entry	Skus: C9300-DNA-E-24 Family: Nyquist Expires: 2023-Feb-26	2			<input type="text" value="1"/>
C9300 Network Essentials	Prepaid	2	0	2	1
Source: Manual Entry	Skus: C9300-NW-E-24 Family: Nyquist Expires: -never-	2			<input type="text" value="1"/>

Transfer Show Preview Cancel

资产 许可证 - 迁移

- 4 在预览中，您可以验证所做的更改，并查看正在传输的许可证的前后状态。
- 5 要确认更改，请单击“传输”。
- 6 您将看到确认消息。

Virtual Account: 1_EMEAR Demo

2 Major 47 Minor Hide Alerts

General Licenses Product Instances Event Log

Transfer Preview:

License		From: 1_EMEAR Demo	To: 2_EMEAR Demo
ASAv10 Standard - 1G	Before Transfer	1	1
	Change	-1	+1
	After Transfer	0	2
C9300 DNA Advantage	Before Transfer	1	16
	Change	-1	+1
	After Transfer	0	17
C9300 DNA Essentials	Before Transfer	2	14
	Change	-1	+1
	After Transfer	1	15
C9300 Network Essentials	Before Transfer	2	8
	Change	-1	+1
	After Transfer	1	9
CBR8 DOCSIS 3.0 Downstream Channel License Feature	Before Transfer	1	0
	Change	-1	+1
	After Transfer	0	1

5 **Transfer** Hide Preview Cancel

6 License(s) Successfully Transferred

资产

许可证 - 更改虚拟帐户分配

1 对于按使用情况（非预付）计费的许可订阅，您不会将许可转移到另一个虚拟帐户，但您可以更改虚拟帐户分配：此选项允许您将许可从一个虚拟帐户复制到其他虚拟帐户（S）。

2 在“操作”下，单击“更改虚拟帐户分配”。

The screenshot displays the Cisco license management interface. At the top, there are navigation links: Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity. Below this, the current Virtual Account is set to 'DEFAULT'. There are alert indicators for 2 Major and 13 Minor alerts, and a 'Hide Alerts' button. The 'Licenses' tab is selected, showing a table of licenses. The table has columns for License, Billing, Purchased, In Use, Balance, Alerts, and Actions. A red box labeled '1' highlights the bottom five rows of the table, which are 'By Usage' licenses. A red box labeled '2' highlights the 'Actions' dropdown menu for the first 'By Usage' license, with the 'Change Virtual Account Assignment...' option selected.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
Content Security Management Centralized Reporting	Prepaid	199	1	+ 198	Licenses Expiring	Actions
Content Security Management Centralized Tracking	Prepaid	300	1	+ 299	Licenses Expiring	Actions
Content Security Management Config Manager	Prepaid	300	1	+ 299	Licenses Expiring	Actions
Content Security Management Master ISQ	Prepaid	300	1	+ 299	Licenses Expiring	Actions
Content Security Management Web Reporting	Prepaid	0	1	-1	Insufficient Licenses	Actions
CSR 1KV APPX 100M	By Usage	-	0	-	-	Actions
CSR 1KV APPX 10M	By Usage	-	0	-	Duplicate Licenses	Change Virtual Account Assignment...
CSR 1KV APPX 1G	By Usage	-	0	-	-	Actions
CSR 1KV APPX 2500M	By Usage	-	0	-	-	Actions
CSR 1KV APPX 250M	By Usage	-	0	-	-	Actions

资产

许可证 - 更改虚拟帐户分配

3 在“更改虚拟帐户分配”弹出窗口中，您将看到“许可证”和“订阅ID”。

4 您可以将许可证分配给一个或多个虚拟帐户（例如，您可以将其分配给您为特定客户创建的虚拟帐户）。

5 要确认，请单击“确定”

6 您将收到一条成功消息：成功分配的许可证。

Cisco Software Central

Change Virtual Account Assignment

License: CSR 1KV APPX 100M

Subscription ID: Sub207801 (Enabled)

Assigned To:

Search

Check all Uncheck all

DEFAULT .SDWAN deployment SASME-demo SDWAN Duplicate licenses

The tags assigned to this license will not be persisted in the other Virtual Account.

OK Cancel

License	Billing	Purchased	In Use	Balance	Alerts	Actions
Content Security Management Centralized Reporting	Prepaid	199	1	+ 198	Licenses Expiring	Actions
Content Security Management Centralized Tracking	Prepaid	300	1	+ 299	Licenses Expiring	Actions
Content Security Management Config Manager	Prepaid	300	1	+ 299	Licenses Expiring	Actions
Content Security Management Master ISQ	Prepaid	300	1	+ 299	Licenses Expiring	Actions
Content Security Management Web Reporting	Prepaid	0	1	+ 299	Licenses Expiring	Actions
CSR 1KV APPX 100M	By Usage	-	0	-	Insufficient Licenses	Actions
CSR 1KV APPX 10M	By Usage	-	0	-	Duplicate Licenses	Actions

License Successfully Assigned

库存 许可证 - 更改虚拟帐户分配

7 现在，许可证订阅已成功分配（复制）到所选的虚拟帐户。

8 展开该行时，您可以查看许可证的所有详细信息，例如订单号，行号，采购订单，客户，发货地址，SKU，产品系列和到期日期。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The 'Virtual Account' dropdown is set to '-SDWAN deployment'. The 'Licenses' tab is active, displaying a table of licenses. The license 'CSR 1KV APPX 100M' is expanded, showing detailed information including order number, customer name, SKU, family, and expiration date.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
Content Security Management Centralized Reporting	Prepaid	1	0	+ 1		Actions
CSR 1KV APPX 100M	By Usage	-	0	-		Actions
Order #: 84427203 Customer: TEST NOT REAL 160638111 Sku: CSR-100M-APP-M2 Expires: 2022-Jan-17 Line #: SPLA- Ship to: United States Family: Cloud Services Router P.O.: CSR-TEST						
CSR1Kv Universal PLR	Prepaid	1	0	+ 1		Actions

资产- 使用权许可

SSM 中的使用权许可证

使用权许可证 (RTU) 设置与智能许可证相同。RTU 将映射到 SKU，就像智能 SKU 一样。

RTU 许可证将填入 SSM 资产中以供查看，而且会保持不用，直至支持智能许可的产品版本申请这些 RTU 许可证。

- 1 使用中数量将始终显示 0。
- 2 点击相应许可证可查看更多详细信息。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The page title is 'Smart Software Licensing' and the account is 'Cisco Demo Customer Smart Account'. The 'Licenses' tab is selected, showing a table of licenses. The table has columns for License, Billing, Purchased, In Use, Balance, Alerts, and Actions. The 'In Use' column is highlighted with a red box and a '1' in a red circle. The first row, 'C9300 DNA Advantage', is highlighted with a red box and a '2' in a red circle. The 'In Use' value for this license is 0.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
C9300 DNA Advantage	Prepaid	8	0	+8		Actions ▾
C9300 DNA Essentials	Prepaid	8	0	+8		Actions ▾
C9300 Network Advantage	Prepaid	8	0	+8		Actions ▾
C9300 Network Essentials	Prepaid	8	0	+8		Actions ▾

资产- 使用权许可

SSM 中的使用权许可证

- 1 “概述”选项卡显示SSM中的许可证详细信息。
- 2 对于RTU许可证, 使用中的数字始终为0。

C9300 DNA Advantage in 1_EMEAR Demo

Overview | Product Instances | Event Log | Transaction History

Description
C9300-24P DNA Advantage

Virtual Account Usage
Purchased: 8 / In Use: 0 / Balance: + 8

Surplus
100%

License Types

Count	Type	Start Date	Expiration Date	Subscription ID
8	Term	2018-Feb-27	2023-Feb-26	-

Showing all 1 Records

Actions ▾ Close

产品实例

什么是产品实例？

产品实例是具有使用产品实例注册令牌注册的唯一设备标识符（UDI）的单个设备。该令牌特定于虚拟帐户，您可以使用单个注册令牌注册产品的多个实例。每个产品实例可以具有一个或多个驻留在同一虚拟帐户中的许可证。

产品实例必须在特定续订期间定期连接到SSM服务器。如果产品实例无法连接，它将继续使用许可证。如果删除产品实例，则会释放其许可证并在虚拟帐户中提供。

虚拟帐户



使用令牌注册产品实例

您好，我是Device-East5，我属于BigU.edu，我
正在使用1x高级许可证

思科产品

令牌将产品连接到虚拟帐户
并从该虚拟帐户获取许可



你好，你是Device-East5，属于
BigU.edu和物理系
你是'合规'

资产

常规 - 将产品实例注册到虚拟帐户

- 1 在“虚拟帐户”的“常规”选项卡中，单击“新建令牌”。
- 2 输入描述以及您希望令牌有效的天数。选中导出控制功能的复选框，并接受条款和职责。
- 3 单击“创建令牌”。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: **cBR-8 Demos**

General | Licenses | Product Instances | Event Log

Virtual Account

Description: cBR-8 Smart Licensing Account for Demos

Default Virtual Account: No

Product Instance Registration Tokens

The registration tokens below can be used to register new product instances to this virtual account.

1 New Token...

Token	Expiration Date	Description	Export-Controlled	Created By
M2ZmZDdiNzktNGVjOS00M2Y1..	Expired	VM cBR8 ECE chassis	Allowed	jknox1
NzE5NmE0ZGMtYjQ3Yi00YTJiL..	Expired	Test for Charlie	Allowed	aahoang

Create Registration Token

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

2 Virtual Account: California

Description:

* Expire After: 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 maximum number of uses is reached.

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

3 Create Token Cancel

注意：收到智能许可产品来自经销商将遵循相同的原则注册令牌创建过程。

资产

常规 - 将产品实例注册到虚拟帐户

1 单击“复制”以复制新创建的令牌，或单击“将令牌下载到记事本”，以便在产品配置和注册过程中使用。

The screenshot shows the Cisco Smart Software Licensing interface for a virtual account named 'California'. It displays a table of 'Product Instance Registration Tokens'. The first token is highlighted, and its 'Actions' menu is open, with the 'Copy' option selected. A red circle with the number '1' is placed over the 'Copy' option. A text box on the right explains that a token is needed for product registration and that it can be revoked and deleted after registration.

Virtual Account: California

General Licenses Product Instances Event Log

Virtual Account

Description: General

Default Virtual Account: No

Product Instance Registration Tokens

The registration tokens below can be used to register new product instances to this virtual account.

New Token...

Token	Expiration Date	Uses	Export-Controlled	Description	Created By	Actions
MWQ0NTcwMzQtMzczY...	2018-Nov-11 16:18:51 (in 30...)	0 of 10	Allowed		askocka	1 Actions Copy Download... Revoke...
ODU3ZmZhNTUtZDc2M...	Expired		Allowed		ketikle	
OTIxZTEyTmNGJkNy0...	Expired		Allowed		ketikle	

Showing

资产 配置设备

- 1 您将根据您的规格配置设备。其中一个命令将包括输入令牌以注册您的设备，以便它可以与智能软件管理器通信。

应在设备上配置Smart Call Home。以下是Smart Call Home配置的示例：

```
1 call-home contact-email-addr sch-smart-licensing@cisco.com profile "CiscoTAC-1"  
    active  
    destination transport-method http  
    no destination transport-method email  
    destination address http  
    https://tools.cisco.com/its/service/oddce/services/DDCEService  
    no destination address http  
    https://tools.cisco.com/its/service/oddce/services/DDCEService
```

资产 配置设备

2 打开设备的终端窗口，并将这些命令粘贴到Smart Software Licensing配置命令中。这是CSR配置的示例。

2

- a. (config)license smart enable
- b. (exec)license smart register idtoken
NzkxOGQzZDEtY2E3NS00MzJhLWE1NmEtMDhjMmVjM2YyYWU4LTEzODI4OTYw%0AOTcwMT h8WmtXWnh2T XkwUUp6
RTdsZStTNI5SUV6Y3loYXo5R3RqbE1pYnpM%0AMVI2TT0%3D%0A
- c. (config)license boot level premium

资产 产品实例

1 此处显示新产品实例信息。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb path is "Cisco Software Central > Smart Software Licensing". The account is identified as "Cisco Demo Smart Account". The main heading is "Smart Software Licensing", with navigation links for "Feedback", "Support", and "Help". A secondary navigation bar includes "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences", "On-Prem Accounts", and "Activity". The current virtual account is "1_EMEAR Demo", with alert counts for "10 Major" and "29 Minor" alerts, and a "Hide Alerts" button. The "Product Instances" tab is selected, showing a table of instances. A search bar is present above the table. The instance "FSMC-01" is highlighted with a red box and a red circle with the number "1".

Name	Product Type	Last Contact	Alerts	Actions
CBCprimeinfra	SDNMGMT	2016-Dec-20 12:44:01		Actions ▾
FSMC-01	FP	2016-Dec-13 03:55:19		Actions ▾
FW-NET-A-A	FPRUHI	2016-Dec-26 14:01:13		Actions ▾
localhost.localdomain	ICV	2017-Mar-24 06:11:11		Actions ▾
R21-XRv9K	IOSXRV	2017-Jan-28 08:21:58		Actions ▾

资产

产品实例详情

任何不符合智能许可协议的许可证或产品实例都会生成警报。（例如，使用的许可证数量超过购买数量

- 1 “产品实例” 选项卡中将显示产品示例。
- 2 点击产品实例可查看有关许可证使用情况和事件日志的详情。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The main navigation bar includes 'Cisco Software Central', the Cisco logo, a search icon, and an 'AS' icon. The breadcrumb trail shows 'Cisco Software Central > Smart Software Licensing'. The page title is 'Smart Software Licensing', and the virtual account is 'Texas'. A secondary navigation bar contains 'Alerts', 'Inventory', 'Convert to Smart Licensing', 'Reports', 'Preferences', 'On-Prem Accounts', and 'Activity'. Below this, the 'Virtual Account: Texas' section has tabs for 'General', 'Licenses', 'Product Instances', and 'Event Log'. The 'Product Instances' tab is active and contains a table with columns 'Name', 'Product Type', and 'Last Contact'. A red box highlights the first row of the table, which contains the UDI information: 'UDI_PID:C9300-24UX-A; UDI_SN:18062034818;'. A red arrow points from this row to a detailed view window on the right. This window has a title 'UDI_PID:C9300-24UX-A; UDI_SN:18062034818;' and tabs for 'Overview' and 'Event Log'. The 'Overview' tab is selected and shows sections for 'Description' (Nyquist-Copper), 'General' (Name, Product, Host Identifier, MAC Address, PID, Serial Number, UUID, Virtual Account, Registration Date, Last Contact), and 'License Usage' (License, Billing, Expires, Required). The 'License Usage' section shows a table with one row: 'C9300 DNA Advantage', 'Prepaid', '2023-Jul-24', and '1'. The interface also includes a 'Transfer' button, a search box, and an 'Actions' dropdown at the bottom.

Name	Product Type	Last Contact
S02_07_02	CSR1KV	2018-Sep-14 18:57:59
UDI_PID:C9300-24UX-A; UDI_SN:18062034818;	C9300	2018-May-10 19:33:04 (Reserved Licenses)
UDI_PID:pid_KT_7_24; UDI_SN:sm_KT_7_24; UDI_VID:vid_KT...	CSR1KV	2018-Jul-26 15:34:41 (Reserved Licenses)
UDI_PID:pid_KT_7_24_P12; UDI_SN:sm_KT_7_24_P12; UDI_VI...	CSR1KV	2018-Jul-24 21:37:26 (Reserved Licenses)

License	Billing	Expires	Required
C9300 DNA Advantage	Prepaid	2023-Jul-24	1

资产

产品实例详细信息

- 1 在产品实例的概述选项卡中，您可以看到产品的描述和其他详细信息，例如主机标识符，MAC地址，PID，序列号，UUID(如果可用)，虚拟帐户，注册日期和最后联系人。
- 2 您还可以查看许可证使用的详细信息。
- 3 此外，您还可以查看事件日志。

S02_07_02

Overview Event Log

Description
CSR 1KV STD 10G P

General

Name:	S02_07_02
Product:	CSR 1KV STD 10G P
Host Identifier:	HCSR19824
MAC Address:	MAC_43890
PID:	CSR1000V_53745
Serial Number:	SR12906873
UUID:	7KCSR7216548329
Virtual Account:	Texas
Registration Date:	2018-Sep-14 18:57:59
Last Contact:	2018-Sep-14 18:57:59

License Usage

License	Billing	Expires	Required
No Records Found			

Showing all 0 Rows

Actions ▾

S02_07_02

Overview **Event Log**

Message	Time	User
The product instance "S02_07_02" connected and was added to the Virtual Account "Texas".	2018-Sep-14 18:57:59	-

Showing 1 Record

Actions ▾

资产

迁移产品实例

- 1 在“操作”下拉菜单下，点击迁移。
- 2 在迁移产品实例对话框中，选择要迁移到其中的虚拟帐户并点击确定。

Cisco Software Central > Smart Software Licensing Cisco Demo Smart Account


Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activ

Virtual Account: **esherwoo-ASAV**

4 Minor Hide Alerts

General Licenses **Product Instances** Event Log

 Search

Name	Product Type	Last Contact	
esherwoo-vASA	ASAHIGH	2015-Apr-08 21:22:20	
Branch1-ASA	ASAHIGH	2015-Feb-03 13:35:54	Failed to Connect Actions
asa-cvo	ASAHIGH	2015-Apr-04 12:46:18	Actions
esherwoo-vASA	ASAHIGH	2015-Apr-07 09:47:50	Failed to Connect 1 Transfer... Remove...

在不同虚拟帐户之间迁移产品实例不会导致相应的许可证迁移。您必须单独迁移许可证。

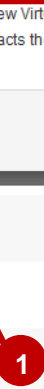
Transfer Product Instance

Name: esherwoo-vASA (ASAHIGH)

Transfer To: **2** 4_AMER Demo

i Although its usage will count against the new Virtual Account, the product instance will not update its configuration until it contacts the Smart Software Manager.

OK Cancel



资产

删除产品实例

1 您也可以删除产品实例。在操作选项中，点击删除。

2 系统将显示弹出窗口，提示您确认此操作：删除产品实例。

* 从智能软件管理器中删除产品实例后，该产品实例所使用的许可证仍将可用且可供其他产品使用。

The screenshot displays the Cisco Smart Software Licensing interface. The main content area shows a table of product instances under the 'Product Instances' tab. The table has columns for Name, Product Type, Last Contact, Alerts, and Actions. Two instances are listed: 'CBCprimeinfra' (SDNMGMT) and 'FSMC-01' (FP). The 'Actions' dropdown for the 'FSMC-01' instance is open, showing options like 'Transfer' and 'Remove...'. A red box and arrow labeled '1' point to the 'Remove...' option. A modal dialog box titled 'Confirm Remove Product Instance' is overlaid on the screen, with a red box and arrow labeled '2' pointing to the 'Remove Product Instance' button. The dialog contains a warning icon and text explaining that the instance will no longer appear in the Smart Software Manager and will stop consuming licenses. A bottom-left callout box contains the text: '删除产品实例后，您可以选择将该产品实例再次注册到虚拟帐户中（使用令牌），以确保产品能够与虚拟帐户通信，并使用该虚拟帐户中的许可证。' The Cisco logo is in the bottom-left corner.

Name	Product Type	Last Contact	Alerts	Actions
CBCprimeinfra	SDNMGMT	2016-Dec-20 12:44:01		Actions ▾
FSMC-01	FP	2016-Dec-13 03:55:19		Actions ▾
		2016-Dec-26 14:01:13		
		2017-Mar-24 06:11:11		
		2017-Jan-28 08:21:58		Actions ▾

资产

删除产品实例

- 1 在特定续约期间，产品实例需要定期连接到 SSM 服务器。如果产品实例连接失败，它将被标记为缺少许可证，但会继续使用许可证。如果删除产品实例，其许可证将被释放且可供虚拟帐户内的其他产品使用。


Cisco Software Central > Smart Software Licensing Cisco Demo Smart Account

Smart Software Licensing Feedback Support Help

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: **esherwoo-ASAV** 4 Minor | Hide Alerts

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




Name	Product Type	Last Contact	Alerts	Actions
esherwoo-vASA	ASAHIGH	2015-Apr-08 21:22:20	⚠ Failed to Connect	Actions
Branch1-ASA	ASAHIGH	2015-Feb-03 13:35:54	⚠ Failed to Connect	Actions
asa-cvo	ASAHIGH	2015-Apr-04 12:46:18	⚠ Failed to Connect	Actions
esherwoo-vASA	ASAHIGH	2015-Apr-07 09:47:50	⚠ Failed to Connect	Actions

资产

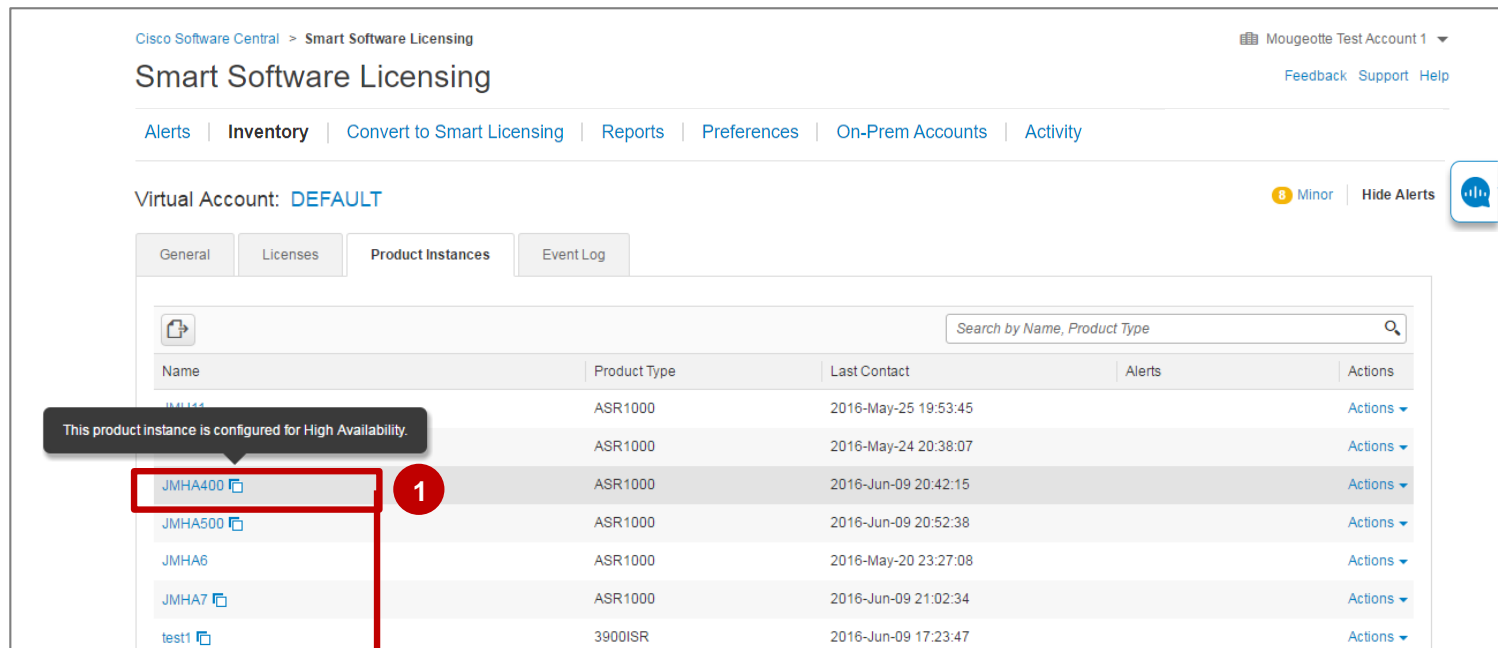
产品实例 - 应用高可用性

有关详细信息，请参阅本 QRG：
[应用高可用性](#)

1 作为应用高可用性 (HA) 解决方案的一部分，该图标  在配置用于高可用性的产品实例旁边的产品实例选项卡中显示。

2 点击产品实例名称时，系统将在弹出窗口中显示一个新选项卡：高可用性。

高可用性选项卡中包含一个列表（显示产品实例的高可用性配置中包含的应用和对等点），以及状态信息（例如备用状态）。



Cisco Software Central > Smart Software Licensing

Smart Software Licensing





Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: DEFAULT

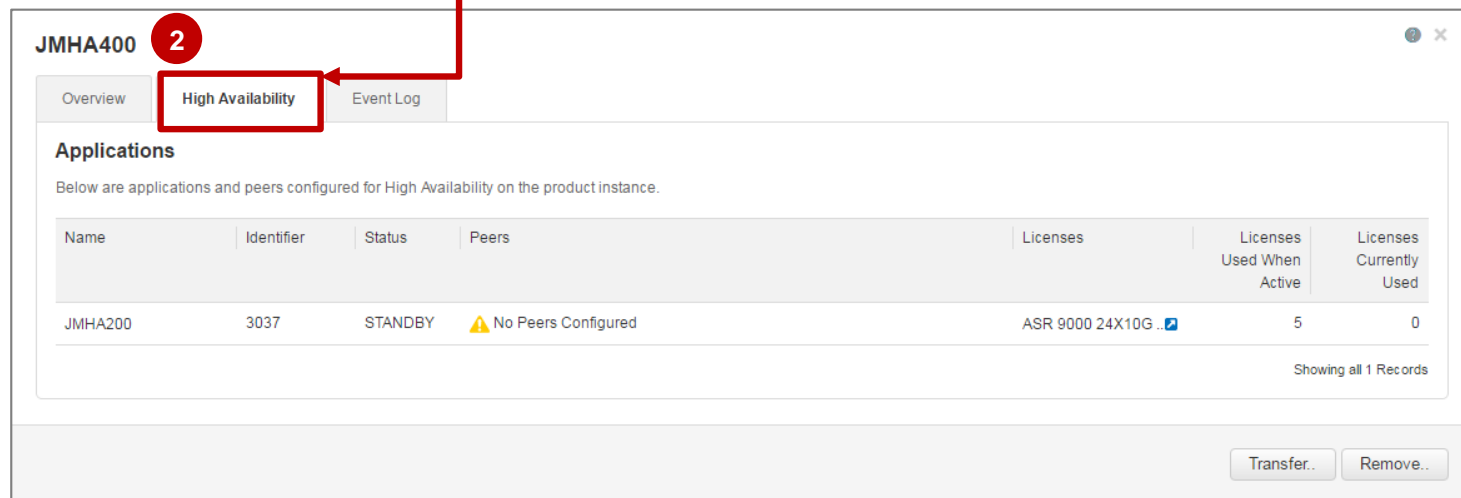
Minor | Hide Alerts

General | Licenses | Product Instances | Event Log

Search by Name, Product Type

Name	Product Type	Last Contact	Alerts	Actions
JMHA400 	ASR1000	2016-May-25 19:53:45		Actions
JMHA500 	ASR1000	2016-May-24 20:38:07		Actions
JMHA6	ASR1000	2016-Jun-09 20:42:15		Actions
JMHA7 	ASR1000	2016-Jun-09 20:52:38		Actions
test1 	ASR1000	2016-May-20 23:27:08		Actions
	3900ISR	2016-Jun-09 21:02:34		Actions
		2016-Jun-09 17:23:47		Actions

This product instance is configured for High Availability.





JMHA400

Overview | High Availability | Event Log

Applications

Below are applications and peers configured for High Availability on the product instance.

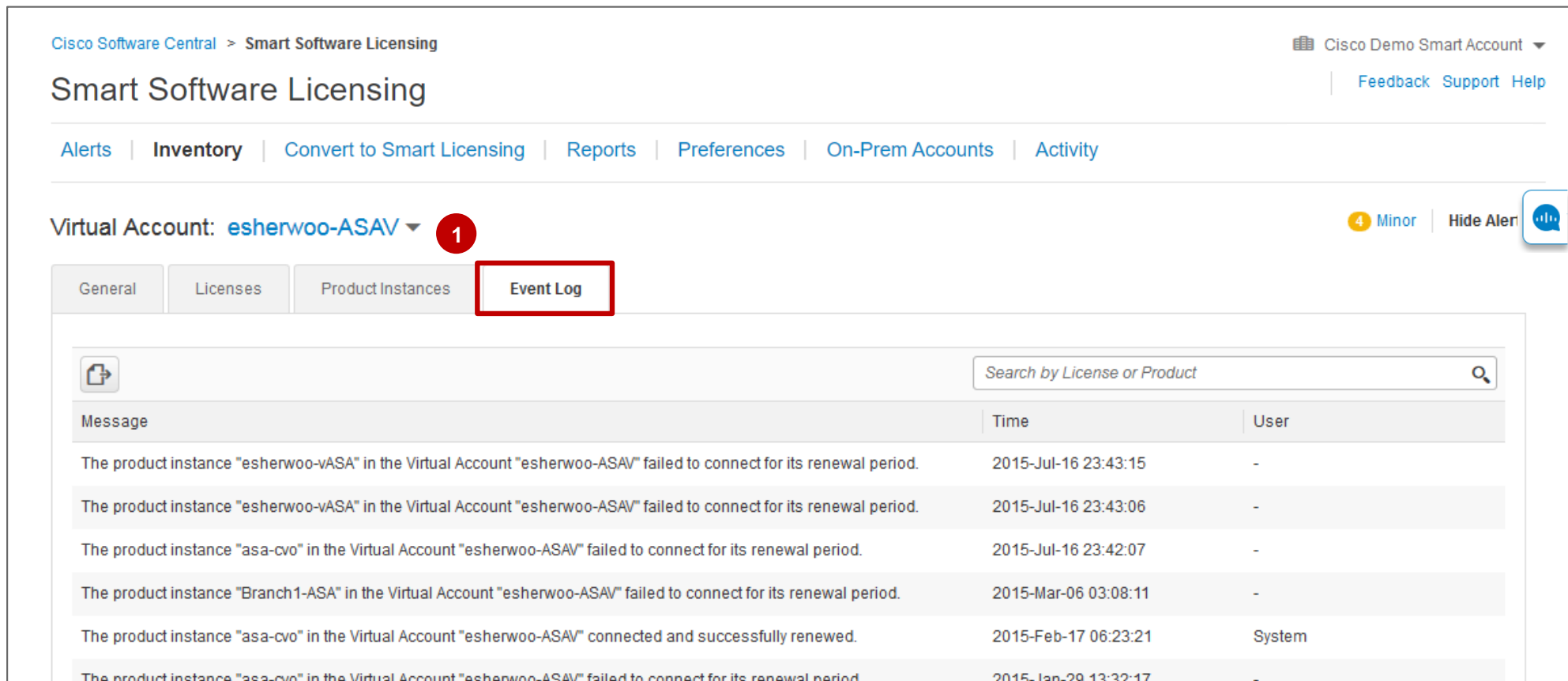
Name	Identifier	Status	Peers	Licenses	Licenses Used When Active	Licenses Currently Used
JMHA200	3037	STANDBY	 No Peers Configured	ASR 9000 24X10G 	5	0

Showing all 1 Records

Transfer.. Remove..

资产 事件日志

① 在“事件日志”选项卡中可查看虚拟帐户最近的活动和警报，从而轻松排除许可证和产品资产的故障。



The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb path is "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing". Navigation links include "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences", "On-Prem Accounts", and "Activity". The current virtual account is "esherwoo-ASAV", with a notification for "4 Minor" alerts and a "Hide Alerts" button. The "Event Log" tab is selected and highlighted with a red box. Below the tabs is a search bar labeled "Search by License or Product". The event log table contains the following data:

Message	Time	User
The product instance "esherwoo-vASA" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jul-16 23:43:15	-
The product instance "esherwoo-vASA" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jul-16 23:43:06	-
The product instance "asa-cvo" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jul-16 23:42:07	-
The product instance "Branch1-ASA" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Mar-06 03:08:11	-
The product instance "asa-cvo" in the Virtual Account "esherwoo-ASAV" connected and successfully renewed.	2015-Feb-17 06:23:21	System
The product instance "asa-cvo" in the Virtual Account "esherwoo-ASAV" failed to connect for its renewal period.	2015-Jan-29 13:32:17	-

资产

SSM中的自助服务许可证供应

注册产品实例后，您可以选择向库存中添加其他许可证。

对于某些产品实例，您可以向库存中添加您在映射到特定产品时有权使用的其他许可证，以便您可以访问其他许可证。这尤其适用于诸如CUBE和CSR之类的产品（但不仅限于此）。

- 1 在“首选项”选项卡中，默认情况下“添加到库存”选项将为“已启用”。如果需要，客户智能帐户管理员可以禁用此选项（但建议启用它）。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. The breadcrumb trail is "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing". The navigation menu includes "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences" (highlighted with a red box), "On-Prem Accounts", and "Activity". The "License Configuration" section contains two settings:

- Product Registration Token: Enabled (dropdown) with a "View Change Log" link.
- Add to Inventory: Enabled (dropdown) with a "View Change Log" link. This setting is highlighted with a red box and a red circle containing the number 1. Below it is the description: "Allows licenses available on a product instance to be added to the inventory".

库存

SSM中的自助服务许可证供应

- 1 在清单中，从“产品实例”选项卡转到“产品实例”。
- 2 从“操作”菜单中，单击“添加到库存”。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb trail is 'Cisco Software Central > Smart Software Licensing'. The page title is 'Smart Software Licensing'. Navigation links include 'Alerts', 'Inventory', 'Convert to Smart Licensing', 'Reports', 'Preferences', 'On-Prem Accounts', and 'Activity'. The virtual account is 'JanSelfServe'. The 'Product Instances' tab is selected and highlighted with a red box and a red circle containing the number '1'. Below the tabs is a search bar 'Search by Name, Product Type' and a table with columns: Name, Product Type, Last Contact, Alerts, and Actions. The table contains one entry: 'spla-csr73', 'CSR1KV', '2019-Jan-23 18:26:16'. The 'Actions' column for this entry has a dropdown menu open, with 'Add to Inventory...' highlighted in blue and circled with a red box and a red circle containing the number '2'. Other options in the menu are 'Transfer...' and 'Remove...'.

库存

SSM中的自助服务许可证供应

- 1 在步骤1，选择许可证中，您将能够添加到库存可添加的许可证（即此产品有权获得的许可证）。

您可以添加在映射到该产品时有权使用的许可证。

- 2 点击下一步

注意：每个产品实例的许可证只能执行一次此操作。对于每个许可证，您只能选择一次添加到库存（一次尝试）。

The screenshot shows a web interface titled "Add Licenses to Inventory" with two steps: "STEP 1 Select Licenses" and "STEP 2 Review". Below the steps, there is a text block explaining that licenses not yet reflected in the inventory can be added now. A table titled "Licenses Available to Add" lists various license types, their expiration dates, and the number of licenses available. A red box highlights the "Add to Inventory" column, which contains input fields for the number of licenses to add. A red circle with the number "1" is placed over the first input field. At the bottom right, there are "Cancel" and "Next" buttons, with a red circle and the number "2" highlighting the "Next" button.

License	Expires	Available	Add to Inventory
CSR 1KV AX 1G	2019-May-23	50	<input type="text" value="20"/>
ent_unrestricted	-never-	250	<input type="text" value="20"/>
SKU_unres_DHI	-never-	250	<input type="text"/>
Standard_unres_DHI	-never-	250	<input type="text"/>
CSR 1KV AX 100M	-never-	500	<input type="text"/>
CSR 1KV ADVANCED 10M	2019-May-23	100	<input type="text"/>
CSR 1KV ADVANCED 25M	2019-May-23	20	<input type="text"/>
CSR 1KV STANDARD 25G			<input type="text"/>

库存

SSM中的自助服务许可证供应

1 在步骤2中，查看，检查并确认将添加到库存的许可证集。

2 单击“添加到库存”。

Add Licenses to Inventory

STEP 1 ✓
Select Licenses

STEP 2
Review

1 Confirm the set of licenses to be added to the inventory.

Licenses to Add

License	Expires	Quantity to Add
CSR 1KV AX 1G CSR 1KV AX 1G	2019-May-23	20
ent_unrestricted ent_unrestricted	-never-	20

2 **Add to Inventory**

库存

SSM中的自助服务许可证供应

- 1 您将看到一条成功消息：您的许可证已成功添加到您的库存中。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb path is "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing". Navigation links include "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences", "On-Prem Accounts", and "Activity". The virtual account is "JanSelfServe". The "Licenses" tab is selected, showing a table with one record: "spla-csr73" of product type "CSR1KV" with a last contact of "2019-Jan-23 18:26:16". A success message is displayed at the bottom right: "Your licenses have been added to inventory successfully." A red circle with the number "1" is placed over the message box.

Virtual Account: JanSelfServe

Name	Product Type	Last Contact	Alerts	Actions
spla-csr73	CSR1KV	2019-Jan-23 18:26:16		Actions

Showing 1 Record.

Your licenses have been added to inventory successfully.

库存

SSM中的自助服务许可证供应

- 1 您现在可以在清单 许可证选项卡中查看其他许可证。
- 2 如果展开每一行，您还可以查看来源：自助服务许可证。

Smart Software Licensing

Feedback Support Help

Alerts | **Inventory** | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | Activity

Virtual Account: JanSelfServe

Minor Hide Alerts

General **Licenses** Product Instances Event Log

Available Actions Manage License Tags License Reservation... Show License Transactions Search by License

By Name By Tag

Advanced Search

<input type="checkbox"/>	License	Billing	Purchased	In Use	Balance	Alerts	Actions
<input checked="" type="checkbox"/>	CSR 1KV AX 1G	Prepaid	20	0	+ 20		Actions
<input type="checkbox"/>	Source: Self Service License	SKU: NA Family: Cloud Services Router	20	Expires: 2019-May-23			
<input checked="" type="checkbox"/>	ent_unrestricted	Prepaid	20	0	+ 20		Actions

Showing All 2 Records

库存

SSM中的自助服务许可证供应

- 1 您可以在“活动”选项卡中查看“许可证交易”，包括从“产品实例”向库存中添加新许可证。

The screenshot displays the Cisco Smart Software Licensing interface. The top navigation bar includes 'Alerts', 'Inventory', 'Convert to Smart Licensing', 'Reports', 'Preferences', 'On-Prem Accounts', and 'Activity'. The 'Activity' section is active, showing 'License Transactions' and 'Event Log' tabs. A table lists license transactions with columns for Transaction Date, License SKU, License, Quantity, License Expiration, Virtual Account, Source, and Action. A red circle highlights the 'Source' column header. A tooltip titled 'Source' is open, showing the text 'Added from Product Instance(spla-csr73)' and a prompt to press Ctrl+C to copy the text.

Transaction Date	License SKU	License	Quantity	License Expiration	Virtual Account	Source	Action
2019-Jan-23 18:28:29	-	CSR 1KV AX 1G	20	2019-May-23 (Term)	JanSelfServe	Added from Product Instance(sp..	Remove Licenses...
2019-Jan-23 18:28:29	-	ent_unrestricted	20	Perpetual	JanSelfServe	Added from Product Instance(sp..	Remove Licenses...
2019-Jan-23 17:27:32	-	CSR 1KV AX 1G	45	2019-May-18 (Term)	UATDemoJune	Added from Product Instance(U..	Remove Licenses...

库存

SSM许可证层次结构

要为NXOS产品启用智能许可，Smart Software Manager可以处理许可层次结构，其中较低层许可可以具有多个上层许可。对于具有多个层的许可证或具有层次结构的许可证，可以替换上层许可证以满足对库存中不可用的较低层许可证的请求（数量不足）。应根据其层次结构顺序替换可用的许可证（可用的最低级别将首先替换）。

在库存□许可证中，您可以查看上层许可证（-n）是否向较低层许可证（+ n）提供许可证。

1

The screenshot shows the Cisco Smart Software Licensing interface. The 'Licenses' tab is active, displaying a table of licenses. A red box highlights the 'Purchased' column for three licenses: ACI ESSEN (13), NXOS ADVAN (10), and NXOS ESSEN (10). The 'NXOS ADVAN' and 'NXOS ESSEN' rows also show negative values (-2 and +10) in the 'Purchased' column, indicating a net change.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
ACI ESSEN	Prepaid	13 -3	5	0		Actions
NXOS ADVAN	Prepaid	10 -2	8	0		Actions
NXOS ESSEN	Prepaid	10 +10	20	0		Actions

库存

SSM许可证层次结构

- 1 单击许可证以打开对话框并查看许可证详细信息。
- 2 在概述选项卡中，您可以看到许可证细节，它将显示许可证层次结构
- 3 在此示例中，您可以看到NXOS ESSEN从位于同一虚拟帐户中的上层许可证中借用了10个许可证。NXOS Advantage完成2个许可证，ACI Essentials完成8个许可证。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The main view is for virtual account **BAT - 6**. A table lists licenses: ACI ESSEN (13), NXOS ADVAN (10), and NXOS ESSEN (10). A red box highlights the NXOS ESSEN row, with a red arrow pointing to the 'Virtual Account Usage' section. This section shows a pie chart where NXOS ESSEN (50%) and ACI ESSEN (40%) fulfill requests, while NXOS ADVAN (upper tier) fulfills 10% (2 licenses). A second red box highlights the license hierarchy view, which shows a 4-level structure: Level 1 (ACI ADVANTAGE), Level 2 (NXOS ADVAN), Level 3 (NXOS ESSEN), and Level 4 (LAN). A blue callout box at the bottom explains that NXOS Advantage only satisfies 2 licenses because it is the only available license in the inventory, and the remaining licenses are fulfilled by the hierarchy sequence, specifically ACI Essentials in this case.

License	Billing	Purchased
ACI ESSEN	Prepaid	13
NXOS ADVAN	Prepaid	10
NXOS ESSEN	Prepaid	10

Virtual Account Usage
Purchased: 10 / In Use: 20 / Fulfilled By Upper Tiers: 10 / Balance: 0

- Fulfilled By NXOS ADVAN (upper tier): 10% (2 licenses)
- Fulfilled By ACI ESSEN (upper tier): 40% (8 licenses)
- Fulfilled By NXOS ESSEN: 50% (10 licenses)

License Hierarchy:

- Level 1: ACI ADVANTAGE
- Level 2: NXOS ADVAN
- Level 3: NXOS ESSEN
- Level 4: LAN

Callout: NXOS Advantage仅满足2个许可证，因为这是库存中可用的许可证数量。其余许可证取自层次结构序列：在本例中，来自ACI 要点。

许可证转换

将目前正在使用的传统许可证转换为智能软件许可证

在许可证转换选项卡中，您可以将传统许可证转换为智能许可证，能利用智能帐户的宝贵的优点。有两个选项：

- 1 将 PAK 转换为智能软件许可证。
- 2 将目前正在使用的传统期限与内容许可证转换为智能软件许可证。

Cisco Software Central > Smart Software Licensing

Cisco Demo Smart Account

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

1 **Convert PAKs** 2 **Convert Licenses** | Conversion History | Conversion Settings | Event Log

The Product Activation Keys (PAKs) below contain licenses that can be used for traditional licensing or Smart Software Licensing. To add some or all of them to a Virtual Account as Smart Software Licenses, use the 'Convert to Smart Licenses' action in the table below.

If you do not see a PAK you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#).

Last Updated: 2017-Jun-13 14:31:02

PAK	SKUs	Order Number	Order Date	Virtual Account	Actions
4941J73F0DF	L-ISE-BSE-100= (1)	103623600	-	DEFAULT	Convert to Smart Licenses...
7551J200F93	C1-PI-LFAS-2K3K-K9 (1)	103623600	-	DEFAULT	Convert to Smart Licenses...
7551J25456F	C1-ISE-BASE-24P (1)	103623600	-	DEFAULT	Convert to Smart Licenses...

许可证转换

将 PAK 转换为智能许可证

- 1 在“许可证转换”部分的转换 PAK 选项卡中，点击 PAK 查看该 PAK 的详细信息。
- 2 系统将会在 PAK 详细信息中显示 SKU 及相应同等智能产品。
- 3 点击转换为智能许可证。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | Convert Licenses | Conversion History | Conversion Settings | Event Log

The Product Activation Keys (PAKs) below contain licenses that can be used for traditional licensing or Smart Software Licensing. To add some or all of them to a Virtual Account as Smart Software Licenses, use the 'Convert to Smart Licenses' action in the table below.

If you do not see a PAK you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#).

Last Updated: 2017-Jun-13 14:31:02

PAK	SKUs	Order Number	Order Date	Virtual Account	Actions
7961J559AD5	IND-IE-PROMO (1)	104216784	-	SVS_UC	Convert to Smart Licenses
FXPAK6B3ADD	L-CSR-1G-AX-1Y= (18)	SalesOrder	-	1-NW-ST_5_APJGC Demo	Convert to Smart Licenses
FXPAK9BDE68	L-CSR-1G-AX-1Y= (19)	SalesOrder	-	2_EMEAR Demo	Convert to Smart Licenses
FXPAKB24497	L-CSR-1G-AX-1Y= (19)	SalesOrder	-	1_EMEAR Demo	Convert to Smart Licenses



如果不支持部分实施，则无法选择要转换的 SKU。
如果支持部分转换，则可以选择 SKU。

1

如果 PAK 实时更新，则系统会显示一个信息图标，表示 PAK 更新是最新的，与时间戳不符。

FXPAK6B3ADD

PAK Details

PAK Number: FXPAK6B3ADD

Partial Fulfillment: Allowed

Order Number: SalesOrder

Order Date: -

PAK Virtual Account: 1-NW-ST_5_APJGC Demo

SKUs

SKU	Licenses	Type	Expiration Date	Available to Convert
L-CSR-1G-AX-1Y=	ax_1G (CSR 1KV AX 1G) 1.0	Term	2018-Jun-13	18

3 Convert to Smart Licenses... Close

许可证转换

将 PAK 转换为智能许可证

如果许可证SKU与设备类型之间存在映射，则需要在步骤1中选择设备类型。但是，如果后端中没有映射，则“目标设备类型”下拉列表将不会在步骤1中出现。

点击转换为智能许可证时，系统打开 2 步骤向导。

- 1 在步骤 1，您需要选择许可证及要转换的数量。然后点击“下一步”。
- 2 在步骤 2，审查并确认，仔细检查要转换的 SKU，然后点击“转换许可证”。

Convert to Smart Software Licenses

STEP 1 **Select Licenses** | STEP 2 Review and Confirm

Select the licenses you want to convert to Smart Software Licenses and the Destination Virtual Account to contain them. If the PAK allows partial fulfillment, you will be able to choose the number of licenses to convert, otherwise all licenses in the PAK will be converted.

PAK Details:

PAK Number: 7551J500640
Partial Fulfillment: Not Allowed
PAK Virtual Account: SVS_UC

Destination Virtual Account: 1_EMEAR Demo
Destination Device Type: UDI PID-TEST_LRP

SKUs

SKU	Licenses	Type	Expiration Date	Available to Convert	Quantity to Convert
C1-ISE-BASE-T	Testonly_q2fy14_smart_desc_V1, ISE Base S...	Term	2022-Jul-26	100	100

Cancel Back **Next**

Convert to Smart Software Licenses

STEP 1 ✓ Select Licenses | STEP 2 **Review and Confirm**

Select the licenses you want to convert to Smart Software Licenses and the Destination Virtual Account to contain them. If the PAK allows partial fulfillment, you will be able to choose the number of licenses to convert, otherwise all licenses in the PAK will be converted.

PAK Details:

PAK Number: 7551J500640
Partial Fulfillment: Not Allowed
PAK Virtual Account: SVS_UC

Destination Virtual Account: 1_EMEAR Demo
Destination Device Type: UDI PID-TEST_LRP

SKUs to Convert

SKU	Licenses	Type	Expiration Date	Available to Convert	Quantity to Convert
C1-ISE-BASE-T	Testonly_q2fy14_smart_desc_V1, ISE Base S...	Term	2022-Jul-26	100	100

Cancel Back **Convert Licenses**

系统将会在“审查和确认”阶段显示一条警告消息，表示许可证转换后将不会再出现在LRP中。

许可证转换

将传统许可证转换为智能许可证

转换许可证选项卡包含您的智能帐户中使用传统许可证且可以转换为智能软件许可证的设备。如果您在表格中没有看到任何设备，请确保设备已分配到您在许可证注册门户中的智能帐户。

1 点击转换许可证。

The screenshot shows the Cisco Smart Software Licensing interface. The 'Convert Licenses' tab is highlighted with a red box. Below the tabs, there is a table of eligible devices for conversion. The first row of the table is highlighted, and the 'Convert License...' link in the 'Actions' column is also highlighted with a red box and a red circle containing the number '1'.

License Conversion

Convert PAKs **Convert Licenses** Conversion History Conversion Settings Event Log

The table below contains devices in your Smart Account that are using traditional licenses that can be converted to Smart Software Licenses. If you do not see a device you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#). You can also try entering the device information in the [License Conversion wizard](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2020-Jan-07 02:31:02

Convert from a Device File... Search Identifier, Product Family or Virtual Account

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status	Actions
ABC123, ABC123	Cloud Services Router	L-CSR-50M-AX= (1)	4_AMER Demo		1 Convert License...
CSR1000V, 948IPY...	Cloud Services Router	L-CSR-10G-IPB= (1)	rbclabdemo.cisco08.com		Convert License...
CSR1000V, 9KPPQ...	Cloud Services Router	L-CSR-100M-AX= (1)	CITVMSP0D		Convert License...

许可证转换

将传统许可证转换为智能许可证 - 选择许可证

在步骤 1：选择许可证中，您将看到许可证密钥和选定的产品系列以及设备所在的虚拟帐户。

1 从下拉列表中选择目标虚拟帐户，以及您想转换的许可证 SKU。系统仅显示您有权访问的虚拟帐户。

2 点击下一步。

Convert to Smart Software Licenses

STEP 1 Select Licenses | STEP 2 Review and Confirm

Select the licenses you want to convert to Smart Software Licenses and the Destination Virtual Account to contain them. If the SKU allows partial fulfillment, you will be able to choose the number of licenses to convert, otherwise all licenses in the SKU will be converted.

Device Details

Device Identifiers: CISCO2811 (UDI Product ID), 12345123451 (UDI Serial Number)
Product Family: Cloud Services Router
Device Virtual Account: MCE

Licenses to Convert

Destination Virtual Account: California

NOTE: This device requires all installed licenses to be converted at once; you cannot convert only a subset of licenses.

Transaction ID	SKU	Quantity	Type	Expiration Date	Converts to Smart License	Quantity to Convert
75634556	L-CSR-MEM-4G=	10	Perpetual	-	CSR 1KV MEMORY 4G	10

Cancel **2** Next

如果许可证SKU与设备类型之间存在映射，则需要步骤1中选择设备类型。但是，如果后端中没有映射，则“目标设备类型”下拉列表将不会在步骤1中出现。

许可证转换

将传统许可证转换为智能许可证 - 审查和确认

- 1 在第二步审查和确认中，您将看到一条警告消息，显示许可证转换后将不会再出现在LRP中。
- 2 检查您的选择，然后通过点击转换许可证进行确认。

Convert to Smart Software Licenses

STEP 1 ✓
Select Licenses

STEP 2
Review and Confirm

Device Details

Device Identifiers: 123456 (UDI Product ID), QWERTY (UDI Serial Number)

Product Family: Cloud Services Router

Device Virtual Account: 4_AMER Demo

Licenses to Convert

Destination Virtual Account: 4_AMER Demo

SKU	Quantity	Type	Expiration Date	Converts to Smart License	Quantity to Convert
L-CSR-1G-AX-1Y=	1	Term	2018-Jun-29	CSR 1KV AX 1G	1

1

1 Since all of the licenses are being converted to Smart Licensing, they will no longer appear in the Product License Registration application.

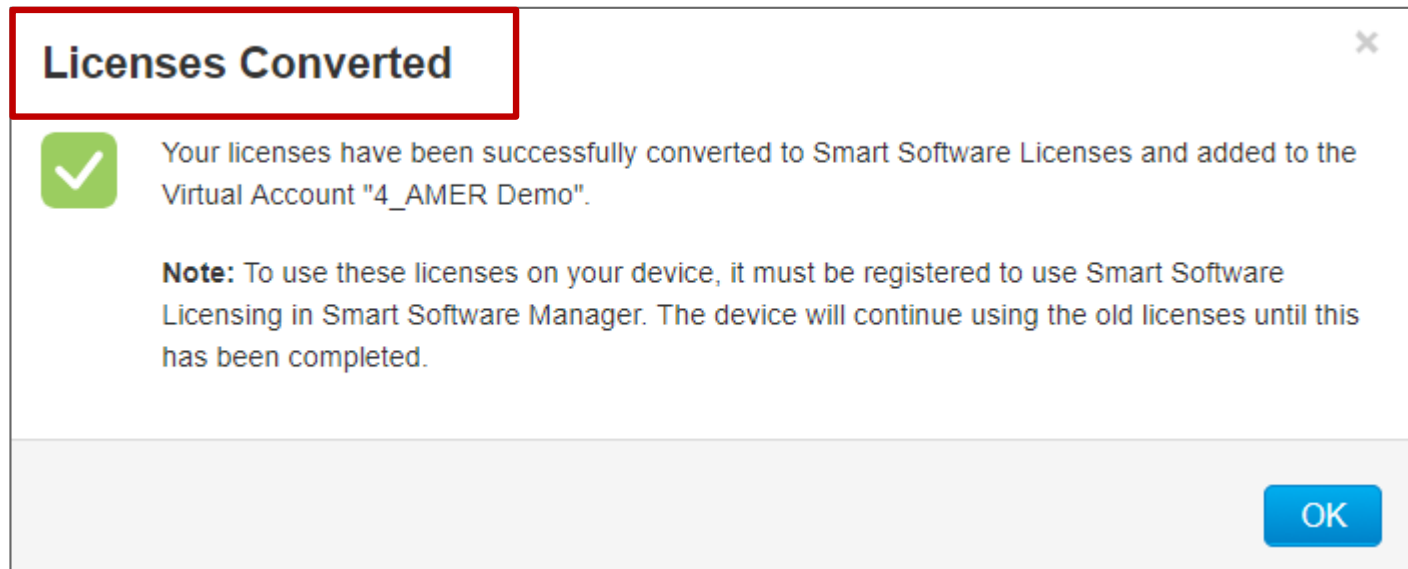
Cancel **2** Convert Licenses

许可证转换

将传统许可证转换为智能许可证 - 确认消息

您将收到一条确认消息，指示您的许可证已成功转换。

要在设备上使用这些许可证，必须对其进行注册，才能使用智能软件管理器中的智能软件许可。



许可证转换

事件日志

1 在事件日志选项卡中，您可以访问最新更改，包括消息功能更改说明。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | Convert Licenses | Conversion History | Conversion Settings | **Event Log**

Search by Virtual Account or License

Message	Time	User
1 new "CSR 1KV AX 1G" term license was added to the Virtual Account "4_AMER Demo" via Smart License Conversion (UD...	2017-Oct-08 19:11:04	askocka

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

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

License Conversion

Convert PAKs

Convert Licenses

Conversion History

Conversion Settings

Event Log

Search by Virtual Account or License

Message

1 new "CSR 1KV AX 1G" term license was added to the Virtual Account "4_AMER Demo" via Smart License Conversion (UDI Serial Number: QWERTY, UDI Product ID: 123456)

Press ctrl + c to copy selected text to clipboard.

Message	Time	User
1 new "CSR 1KV AX 1G" term license was added to the Virtual Account "4_AMER Demo" via Smart License Conversion (UD...	2017-Oct-08 19:11:04	askocka

设备主导型转换

概述

什么是设备主导型转换？

在下列条件下，可以借助设备主导型转换将客户设备上使用的传统许可证自动迁移至智能许可证：

- 客户设备需要在思科智能软件管理器 (SSM) 中注册，才能实现自动许可证转换。
- 如果设备上的传统许可证没有迁移至对应智能许可证的路径，则无法实现自动许可证转换。
- 从传统许可证到智能许可证的迁移路径由业务部门 (BU) 定义。
- 部分许可证转换可以通过许可证注册门户 (LRP) 和智能软件管理器 (SSM) 中的原有流程手动执行。
- 用户现在可以在SSM中手动上传设备主导转换文件（由设备文件转换）



设备主导型转换对客户来说有什么优势？

通过设备主导型转换，客户不仅可以避免手动转换流程中存在的问题，还能轻松地开始使用智能许可。

设备主导型转换

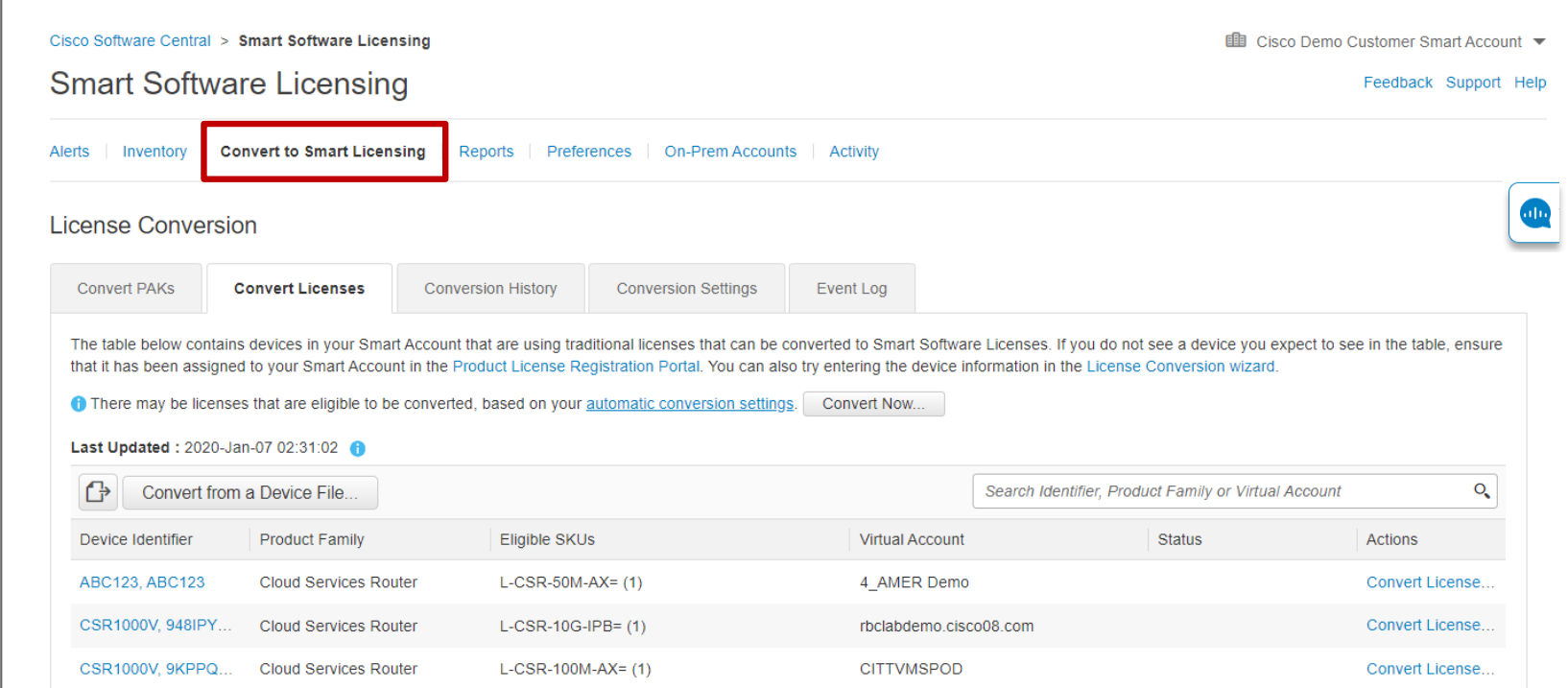
概述

当设备（产品实例）升级至智能许可映像并首次在智能软件管理器中注册时，通过设备主导型转换，设备上的许可证可从传统许可证或 RTU 许可证自动转换为智能许可证，这一过程无需或仅需少量的最终用户交互。

当您在 SSM 中注册设备时，许可证会自动进行转换流程。

如果许可证已经被添加到智能账户中，那么它只能被转化为智能授权。
如果许可证尚未被添加到智能账户中，那么它会被添加到智能账户中，然后再被转化为智能授权。

设备主导型转换仅可进行一次。



Cisco Software Central > Smart Software Licensing Cisco Demo Customer Smart Account

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | **Convert Licenses** | Conversion History | Conversion Settings | Event Log

The table below contains devices in your Smart Account that are using traditional licenses that can be converted to Smart Software Licenses. If you do not see a device you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#). You can also try entering the device information in the [License Conversion wizard](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2020-Jan-07 02:31:02

[Convert from a Device File...](#)

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status	Actions
ABC123, ABC123	Cloud Services Router	L-CSR-50M-AX= (1)	4_AMER Demo		Convert License...
CSR1000V, 948IPY...	Cloud Services Router	L-CSR-10G-IPB= (1)	rbclabdemo.cisco08.com		Convert License...
CSR1000V, 9KPPQ...	Cloud Services Router	L-CSR-100M-AX= (1)	CITVMSPOD		Convert License...

设备主导型转换

大容量设备主导的转换

现在，您可以在“转换许可证”选项卡中执行大容量设备主导的转换。

- 1 您可以通过单击“从设备文件转换”来手动上传DLC请求文件。
- 2 将打开一个对话框：在这里您可以上传从DevNet下载的设备文件。
- 3 设备文件上传后，单击转换设备。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | **Convert Licenses** | Conversion History | Conversion Settings | Event Log

The table below contains devices in your Smart Account that are using traditional licenses that can be converted to Smart Software Licenses. If you do not see a device you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#). You can also try entering the device information in the [License Conversion wizard](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2020-Jan-07 02:31:02

1 Convert from a Device File...

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status
ABC123, ABC123	Cloud Services Router	L-CSR-50M-AX= (1)	4_AMER Demo	
CSR1000V, 948IPY...	Cloud Services Router	L-CSR-10G-IPB= (1)	rbclabdemo.cisco08.com	
CSR1000V, 9KPPQ...	Cloud Services Router	L-CSR-100M-AX= (1)	CITVMSP0D	

2 Convert from a Device File

To convert a set of devices to Smart Licensing, first go to DevNet and create a text file that lists the devices. Then open the device file to start the conversion.

* Device File from DevNet: [Browse](#) No file chosen

[Convert Devices](#) [Cancel](#)

3 Convert from a Device File

To convert a set of devices to Smart Licensing, first go to DevNet and create a text file that lists the devices. Then open the device file to start the conversion.

* Device File from DevNet: [Browse](#) Demo_Success.txt

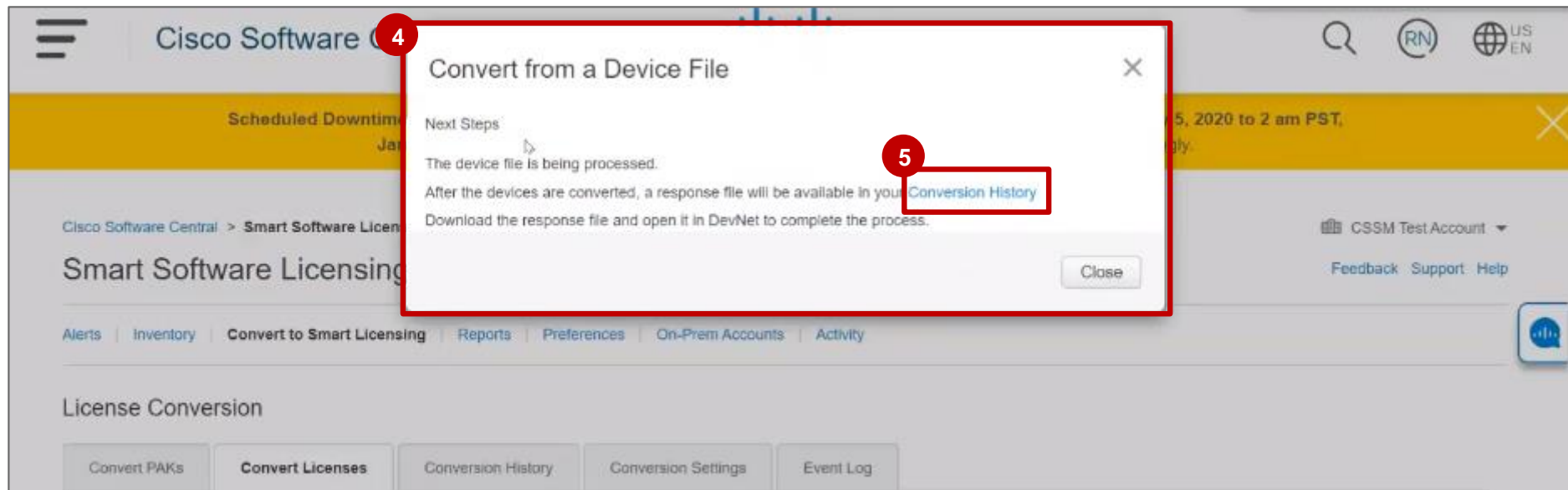
[Convert Devices](#) [Cancel](#)

CISCO

设备主导型转换

大容量设备主导的转换

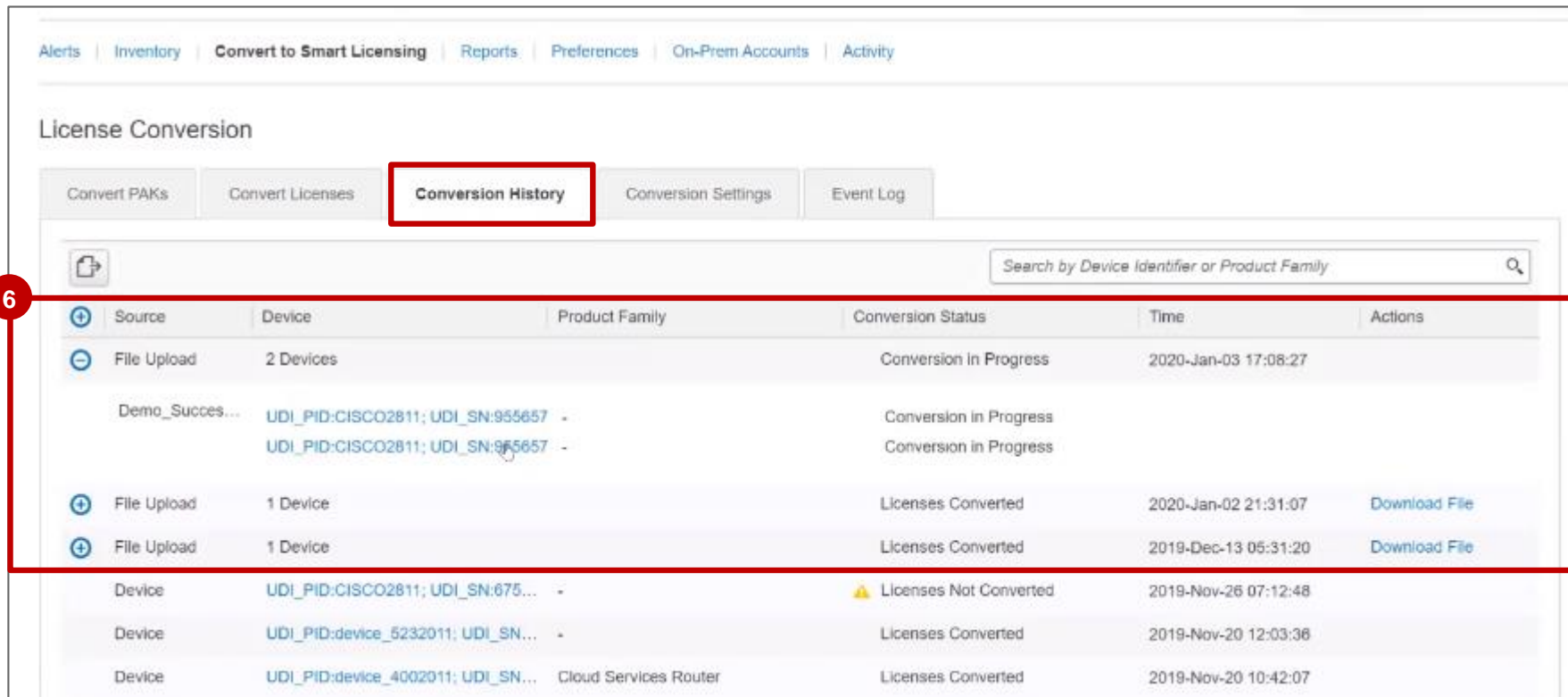
- 对话框展示了下一步骤：
 - 设备文件正在处理中
 - 转换设备后，“转换历史记录”选项卡中将提供响应文件
 - 下载响应文件并在DevNet中打开它以完成该过程
- 转到转换历史标签。



设备主导型转换

大容量设备主导的转换

- 6 在转换历史记录标签中，您可以看到两个设备正在进行转换的新文件上传。您还可以查看以前的文件上载，其许可证已被转换，并且可以下载文件。
注意：“源”列将显示“设备主导转换”的源是设备还是文件上传



The screenshot shows the Cisco License Conversion interface. The 'Conversion History' tab is selected and highlighted with a red box. The table below lists conversion records with columns for Source, Device, Product Family, Conversion Status, Time, and Actions. A red circle with the number 6 is positioned to the left of the table.

Source	Device	Product Family	Conversion Status	Time	Actions
File Upload	2 Devices		Conversion In Progress	2020-Jan-03 17:08:27	
Demo_Succes...	UDI_PID:CISCO2811; UDI_SN:955657 - UDI_PID:CISCO2811; UDI_SN:955657 -		Conversion In Progress Conversion In Progress		
File Upload	1 Device		Licenses Converted	2020-Jan-02 21:31:07	Download File
File Upload	1 Device		Licenses Converted	2019-Dec-13 05:31:20	Download File
Device	UDI_PID:CISCO2811; UDI_SN:675...		Licenses Not Converted	2019-Nov-26 07:12:48	
Device	UDI_PID:device_5232011; UDI_SN...		Licenses Converted	2019-Nov-20 12:03:36	
Device	UDI_PID:device_4002011; UDI_SN...	Cloud Services Router	Licenses Converted	2019-Nov-20 10:42:07	

设备主导型转换

大容量设备主导的转换

- 7 许可证转换后，您将看到转换状态更改为已转换许可证。
- 8 如果单击设备，您将能够查看设备详细信息，虚拟帐户以及转换为智能许可的许可类型。
注意：上载的设备不会自动显示在清单中。您将必须使用SSM中的令牌将这些设备（产品实例）注册到智能帐户/虚拟帐户。

The screenshot displays the Cisco SSM interface. A modal window (8) is open, showing details for a device with UDI_PID: CISCO2811 and UDI_SN: 95565745099. The modal includes sections for Device Details and Conversion Status. Below the modal, a table (7) lists converted licenses. A search bar is visible above the table.

SKU	Product Family	Quantity	Type	Conversion Status	Smart License
L-CSR-100M-ADV-1Y=	Cloud Services Router	1	Term	Converted	CSR 1KV APPX 100M

Source	Device	Product Family	Conversion Status	Time	Actions
File Upload	2 Devices		Licenses Converted	2020-Jan-03 17:08:27	Download File
Demo_Succes...	UDI_PID:CISCO2811; UDI_SN:955657	Cloud Services Router	Licenses Converted		
	UDI_PID:CISCO2811; UDI_SN:955657	Cloud Services Router	Licenses Converted		

设备主导型转换

转换历史记录选项卡

1 点击许可证转换选项卡下面的转换历史记录选项卡，查看所有尝试过设备主导型转换的设备的详情。

在进行设备主导型转换时，系统会为转换项指定三种状态中的一种。

转换状态列会显示相应的状态：

- **已转换：**所有许可证都已转换。
- **许可证部分转换：**部分许可证已转换，而另一些则未转换。在这种情况下，系统将会生成警报以告知用户转换失败的原因。
- **未转换的许可证：**所有许可证都未转换。在这种情况下，系统也会生成警报。

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | Convert Licenses | **Conversion History** | Conversion Settings | Event Log

Search by Device Identifier or Product Family

Product Instance Name	Product Family	Conversion Status	Time
UDI_PID:WS-C3850-48P; UDI_SN:FOC1809...	-	Converted	2019-Apr-22 06:50:09
UDI_PID:ISR4351/K9; UDI_SN:FDO18380EH6;	-	Converted	2019-Apr-15 07:37:57
UDI_PID:ISR4431/K9; UDI_SN:FOC19159K35;	ISR4400	⚠ License Converted	2019-Apr-12 01:35:26
UDI_PID:ISR4331/K9; UDI_SN:FDO1836220V;	ISR4300	⚠ License Converted	2019-Apr-11 23:23:10
UDI_PID:WS-C3650-24PDM; UDI_SN:FDO21...	-	Converted	2019-Mar-11 17:20:45
UDI_PID:WS-C3650-24TD; UDI_SN:FDO213...	-	Converted	2019-Mar-11 16:40:58
UDI_PID:WS-C3850-24P; UDI_SN:FOC1645...	-	Converted	2019-Mar-11 08:23:26
UDI_PID:WS-C3650-8X24UQ; UDI_SN:FDO2...	-	Converted	2019-Mar-07 14:15:09
UDI_PID:WS-C3850-12XS; UDI_SN:FOC210...	-	Converted	2019-Mar-07 14:05:51
UDI_PID:ISR4331/K9; UDI_SN:FDO22031AE...	ISR4300	⚠ License Converted	2018-Dec-12 16:39:54

Showing Page 1 of 2 (14 Records)

设备主导型转换

转换历史标签

- 1 在转换历史记录标签中，您可以将整个转换历史记录导出到CSV / Excel文件。
- 2 对于大容量设备主导的转换，您可以下载文件（下载响应文件并在DevNet中打开它以完成大容量设备主导的转换过程）。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | Convert Licenses | **Conversion History** | Conversion Settings | Event Log

Search by Device Identifier or Product Family

	Source	Device	Product Family	Conversion Status	Time	Actions
+	File Upload	1 Device		⚠ Licenses Not Converted	2020-Jan-03 17:14:02	Download File
+	File Upload	2 Devices		⚠ Licenses Converted with Warning	2020-Jan-03 17:13:48	Download File
+	File Upload	2 Devices		Licenses Converted	2020-Jan-03 17:08:27	Download File
+	File Upload	1 Device		Licenses Converted	2020-Jan-02 21:31:07	Download File
+	File Upload	1 Device		Licenses Converted	2019-Dec-13 05:31:20	Download File
	Device	UDI_PID:CISCO2811; UDI_SN:675...	-	⚠ Licenses Not Converted	2019-Nov-26 07:12:48	
	Device	UDI_PID:device_5232011; UDI_SN:...	-	Licenses Converted	2019-Nov-20 12:03:36	

许可证转换

将经典许可证转换为智能许可证 - 自动和批量转换

- 1 您现在可以批量转换混合SKU从Classic到Smart Licenses（一次转换多个许可证）。您还可以将混合SKU的自动许可证转换设置为智能许可证。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | Convert Licenses | Conversion History | Conversion Settings | Event Log

The Product Activation Keys (PAKs) below contain licenses that can be used for traditional licensing or Smart Software Licensing. To add some or all of them to a Virtual Account as Smart Software Licenses, use the 'Convert to Smart Licenses' action in the table below.

If you do not see a PAK you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#).

1 There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2019-Jan-22 03:55:35

PAK	SKUs	Order Number	Order Date	Virtual Account	Status
FPFQ8GIEKL8	TALOS_TESTPID (1)	1	-	California	
FP07GBH47DB	L-CSR-MEM-4G= (50), TALO..	SalesOrder	-	MCE_Source	Convert to Smart Licen...
FP0FV77R2T1	TALOS_TESTPID (16)	SalesOrder	-	MCE	Convert to Smart Licen...
FP2W3LXP74Y	TALOS_TESTPID (20)	SalesOrder	-	Texas	Convert to Smart Licen...
FP7M1K41VOH	TALOS_TESTPID (20)	SalesOrder	-	California	Convert to Smart Licen...

从经典许可证到智能许可证的批量转换只能由智能帐户管理员完成。

许可证转换

将经典许可证转换为智能许可证 - 转换设置

在“转换设置”选项卡中，智能帐户管理员可以添加或修改“许可证转换”设置。

- 1 对于设备主导转换为智能许可，您可以选择以下3个选项之一：
在所有虚拟帐户上启用
在所选虚拟帐户上启用
禁用



建议在所有虚拟帐户上启用自动设备引导转换

Cisco Software Central > Smart Software Licensing

Demo for Cisco Systems

Smart Software Licensing

Feedback Support Help

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | Convert Licenses | Conversion History | **Conversion Settings** | Event Log

Device Led Conversion to Smart Licensing

When product instances register with a virtual account to use Smart Licensing, any traditional or Right to Use (RTU) licenses on them will be converted to Smart Licenses.

Please note that this capability must be enabled on the product instances prior to registration.

1 Enabled on All Virtual Accounts
Enabled on selected Virtual Accounts
Disabled

许可证转换

将经典许可证转换为智能许可证 - 转换设置

在“转换设置”选项卡中，智能帐户管理员可以启用“自动转换为智能许可”，并在将PAK作为新订单的一部分分配给智能帐户时，确定哪些PAK应自动转换为智能许可证。

2 您可以选择所有虚拟帐户中的PAK或所选虚拟帐户中的PAK。

3 如果在所选虚拟帐户中选择PAK，则需要从对话框中选择虚拟帐户：选择并使用箭头移动到右侧。

Automatic Conversion to Smart Licensing

Select when traditional licenses are converted to Smart Licenses

When Product Authorization Keys (PAKs) are Assigned to a Smart Account
When a PAK is assigned to a Smart Account as part of a new order, the traditional licenses on it will be converted to Smart Licenses and added to your inventory.

Select which PAKs should be converted:

Virtual Accounts:

PAK in Selected Virtual Accoi

PAKs in All Virtual Accounts

PAK in Selected Virtual Accounts

California

Edit 3 selected

Products:

All Products

Select Virtual Accounts - Convert to Smart Licensing

Available Virtual Accounts:

Search

Colorado

DEFAULT

Florida

MCE

MCE_Destination 2

MCE_No VA

MCE_Source

MCE_convert to Smart

Nevada

11 shown

Selected Virtual Accounts:

Search

California

1 selected

OK Cancel



建议在所有虚拟帐户和所有产品上启用自动转换为智能许可。

许可证转换

将经典许可证转换为智能许可证 - 转换设置

- 1 在“转换设置”选项卡中，您可以选择自动转换所有产品或所选产品的PAK。
- 2 如果选择“选定产品”，则需要从对话框中选择一个或多个“可用产品”：选择并使用箭头移动到右侧。

The image shows a screenshot of the 'Automatic Conversion to Smart Licensing' settings page and a 'Select Products - Convert to Smart Licensing' dialog box. The settings page has a checkbox for 'When Product Authorization Keys (PAKs) are Assigned to a Smart Account' which is checked. Below it, there is a section for 'Virtual Accounts' with a dropdown menu set to 'PAK in Selected Virtual Accoi' and a list of accounts: 'MCE', 'Florida', and 'California'. At the bottom, there is a 'Products' section with an 'Edit' button and a dropdown menu showing 'All Products', 'All Products', and 'Selected Products'. A red circle with the number '1' is around the 'Selected Products' option. A red arrow points from this option to the 'Select Products' dialog box. The dialog box has two panes: 'Available Products' and 'Selected Products'. The 'Available Products' pane has a search bar and a list of products including '1.0', '1.1 testing_us8910_KT_Display', '1000V', '10052018test1v1 disp name', '10052018test1v2 disp name', '10BB_US_8901_new', '10octVd1', and '12112018002_dn1'. The '1000V' product is highlighted in blue. A red circle with the number '2' is around the right arrow button between the panes. The 'Selected Products' pane shows 'ASR901' and '1 selected'.

许可证转换

将经典许可证转换为智能许可证 - 转换设置

1

在“转换设置”选项卡中，智能帐户管理员可以启用“自动转换为智能许可”，并确定在将设备作为新订单的一部分分配给智能帐户时，设备上的哪些许可证应自动转换为智能许可证。

2 您可以选择所有虚拟帐户中的设备或所选虚拟帐户中的设备。

3 如果选择所选虚拟帐户中的设备，则需要从对话框中选择虚拟帐户：选择并使用箭头移动到右侧。

1

When Devices are assigned to a Smart Account
When a device is assigned to a Smart Account as part of a new order, the traditional licenses on it will be converted to Smart Licenses and added to your inventory.

Select which Devices should be converted:

Virtual Accounts:

- Devices in All Virtual Accounts
- Devices in All Virtual Accounts
- Devices in Selected Virtual Accounts

Products:

All Products

Save

3

Select Virtual Accounts - Convert to Smart Licensing

Available Virtual Accounts:

- Colorado
- DEFAULT
- Florida
- MCE
- MCE_Destination 2
- MCE_No VA
- MCE_Source
- MCE_convert to Smart
- Nevada

11 shown

* Selected Virtual Accounts:

- California

1 selected

OK

Cancel

许可证转换

将经典许可证转换为智能许可证 - 转换设置

- 1 在“转换设置”选项卡中，您可以选择自动转换所有产品或所选产品的设备上的许可证。
- 2 如果选择“选定产品”，则需要从对话框中选择一个或多个“可用产品”：选择并使用箭头移动到右侧。
- 3 更改任何转换设置后，您需要单击保存。

The screenshot shows the 'Convert Licenses' settings page in Cisco Prime. A red box highlights the 'Products' dropdown menu, which is set to 'Selected Products'. A red arrow points from this dropdown to a callout dialog box titled 'Select Products - Convert to Smart Licensing'. The dialog box has two panes: 'Available Products' and 'Selected Products'. The 'Available Products' pane lists various product models, with '1000V' selected. The 'Selected Products' pane shows 'ASR901' as the selected product. A red box highlights the right-pointing arrow button between the panes. At the bottom of the main settings page, a 'Save' button is highlighted with a red box. The Cisco logo is visible in the bottom left corner.

When Devices are assigned to a Smart Account
When a device is assigned to a Smart Account as part of a new order, the traditional licenses on it will be converted to Smart Licenses and added to your inventory.

Select which Devices should be converted:

Virtual Accounts:

Products: 1
All Products
Selected Products

3

2 **Select Products - Convert to Smart Licensing**

Available Products:

Search

1.0
1.0
1.1 testing_us8910_KT_Display
1000V
10052018test1v1 disp name
10052018test1v2 disp name
10BB_US_8901_new
10octVd1
12112018002_dn1

736 shown

Selected Products:

Search

ASR901

1 selected

许可证转换

将经典许可证转换为智能许可证

- 1 在“转换PAK”选项卡中，智能帐户管理员可以批量转换PAK到智能许可证。单击立即转换。
- 2 在对话框中，系统会通知您，符合条件的许可证将根据您的自动转换设置转换为智能许可证。
- 3 单击确定。转换后，许可证将显示在“库存”选项卡中。

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | **Convert to Smart Licensing** | Reports | Preferences | On-Prem Accounts | Activity

License Conversion

Convert PAKs | Convert Licenses | Conversion History | Conversion Settings | Event Log

The Product Activation Keys (PAKs) below contain licenses that can be used for traditional licensing or Smart Software Licensing. To add some or all of them to Smart Software Licenses, use the 'Convert to Smart Licenses' action in the table below.

If you do not see a PAK you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#).

i There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). **Convert Now...**

Last Updated : 2019-Jan-22 06:55:34

PAK	SKUs	Order Number	Order Date	Virtual Account	Status
FPFQ8GIEKL8	TALOS_TESTPID (1)	1	-	California	
FP07GBH47DB	L-CSR-MEM-4G= (50), TALO...	SalesOrder	-	MCE_Source	Convert to Smart Licen...
FP0FV77R2T1	TALOS_TESTPID (16)	SalesOrder	-	MCE	Convert to Smart Licen...
FP2W3LXP74Y	TALOS_TESTPID (20)	SalesOrder	-	Texas	Convert to Smart Licen...
FP7M1K41VOH	TALOS_TESTPID (20)	SalesOrder	-	California	Convert to Smart Licen...

Convert Eligible Licenses

2 If there are any licenses that are eligible to be converted, based on your [automatic conversion settings](#), they will be converted now. When licenses are converted, they will be removed from the conversion tabs and will appear in your inventory. If an error occurs, a notification will appear in the Alerts tab. Please note that license conversion cannot be reversed.

You will need to [open a support case](#) to revert from Smart Licenses back to traditional licenses.

3 **OK** Cancel

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许可证转换

将经典许可证转换为智能许可证

- 1 在“转换PAK”选项卡中，智能帐户管理员可以批量转换PAK到智能许可证。单击立即转换。
- 2 在对话框中，系统会通知您，符合条件的许可证将根据您的自动转换设置转换为智能许可证。
- 3 单击确定。转换后，许可证将显示在“库存”选项卡中。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The 'Convert Licenses' tab is selected and highlighted with a red box and a red circle labeled '1'. Below the tabs, there is a 'Convert Now...' button also highlighted with a red box and a red circle labeled '1'. A red arrow points from this button to a dialog box titled 'Convert Eligible Licenses'. The dialog box contains the following text:

Convert Eligible Licenses

2 If there are any licenses that are eligible to be converted, based on your [automatic conversion settings](#), they will be converted now. When licenses are converted, they will be removed from the conversion tabs and will appear in your inventory. If an error occurs, a notification will appear in the Alerts tab. Please note that license conversion cannot be reversed.

You will need to [open a support case](#) to revert from Smart Licenses back to traditional licenses.

3 **OK** Cancel

The background interface shows a table of eligible licenses with columns for Device Identifier, Product Family, Eligible SKUs, Virtual Account, and Status. The table contains three records for Cloud Services Routers.

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status
CISCO2811, 123451...	Cloud Services Router	L-CSR-MEM-4G= (10), TALOS_TESTPID (10)	MCE	
CSR1000KTS, UDI7...	Cloud Services Router	L-CSR-100M-APP-1Y= (1)	DEFAULT	
CSR1000V_KT1, 12...	Cloud Services Router	L-CSR-MEM-4G= (4), TALOS_TESTPID (4)	MCE	

报告

许可证和产品实例详情

为所选虚拟帐户生成报告：您可以在工具中运行报告（它将会在您的浏览器的网页中打开），或将其导出为 CSV 或 XLS 文件。点击报告名称（例如许可证），以查看报告定制弹出窗口，并运行报告。

- 1 许可证报告提供许可证数量和使用情况摘要。
- 2 许可证订用报告提供当前订用许可证数量和使用情况的摘要。
- 3 产品实例报告包含产品实例的数量和列表。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The main navigation bar includes 'Alerts', 'Inventory', 'Convert to Smart Licensing', 'Reports', 'Preferences', 'On-Prem Accounts', and 'Activity'. The 'Reports' section is highlighted with a red box and a red circle '1'. Below it, a table lists three reports: 'Licenses', 'License Subscriptions', and 'Product Instances', each with a red box and a red circle '1', '2', and '3' respectively. Three report configuration popups are shown, each with a red box and a red circle '1', '2', and '3' respectively. The 'Run License Report' popup (1) has fields for Name (Licenses Report), Description (License Usage by Virtual Account and Type), and Virtual Accounts (2 selected), with a 'Run Report' button. The 'Run License Subscriptions Report' popup (2) has fields for Name (License Subscriptions Report), Description (Includes a summary of current subscription license c...), Virtual Accounts (3 selected), and Subscription Status (All Subscriptions), with a 'Run Report' button. The 'Product Type Report' popup (3) has fields for Name (Product Instance Report), Description (Product Instance by Virtual Account and Type), Virtual Accounts (2 selected), and Product Type (Select an Option), with a 'Run Report' button.

Cisco Software Central

Cisco Software Central > Smart Software Licensing

Smart Software Licensing

Alerts | Inventory | Convert to Smart Licensing | **Reports** | Preferences | On-Prem Accounts | Activity

Reports

Name	Description
1 Licenses	Includes a sum
2 License Subscriptions	Includes a sum
3 Product Instances	Includes coun

1 Run License Report

Name: Licenses Report

Description: License Usage by Virtual Account and Type

Virtual Accounts: 2 selected

Run Report Export to CSV Export to XLS

2 Run License Subscriptions Report

Name: License Subscriptions Report

Description: Includes a summary of current subscription license c...

Virtual Accounts: 3 selected

Subscription Status: All Subscriptions

Run Report Export to CSV Export to XLS

3 Product Type Report

Name: Product Instance Report

Description: Product Instance by Virtual Account and Type

Virtual Accounts: 2 selected

Product Type: Select an Option

Run Report Export to CSV Export to XLS

报告

许可证和产品实例详情

- 1 在许可证报告下，当您点击运行报告时，您将被重定向到报告屏幕

注意：这是许可证报告的示例数据

Run License Report

* Name:

Description:

* Virtual Accounts:

* Licenses:

Show license transactions in report

[Show Advanced Filters](#)

Run Report

Licenses Report

2018 Feb, 21 15:12:40
BAT_SPLA

[Export to CSV](#)

Total License Usage

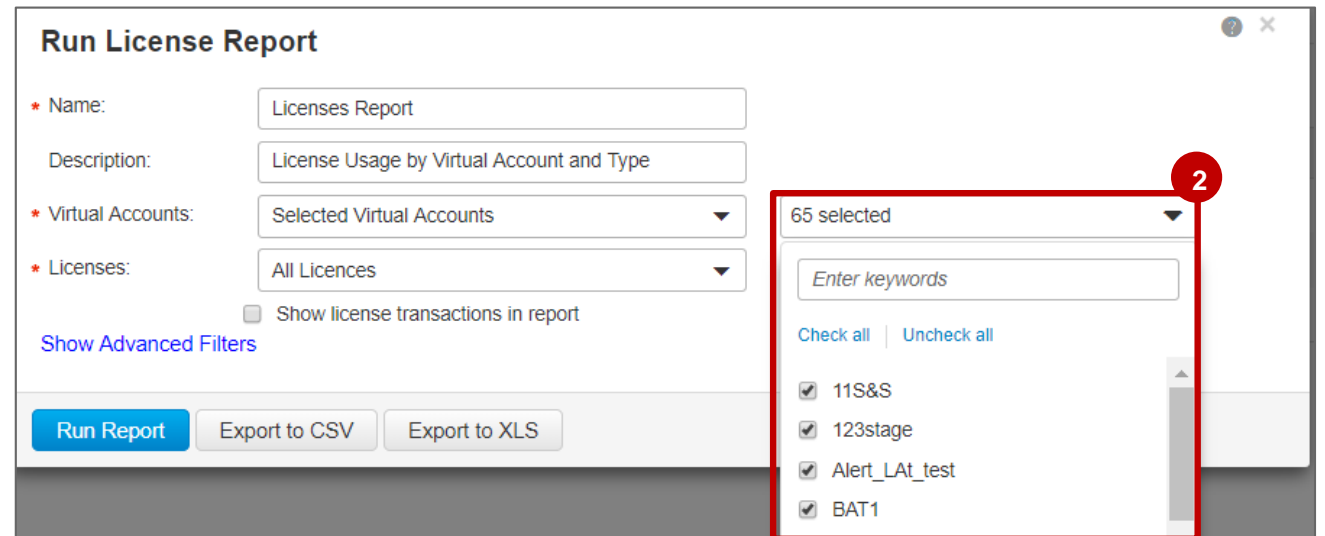
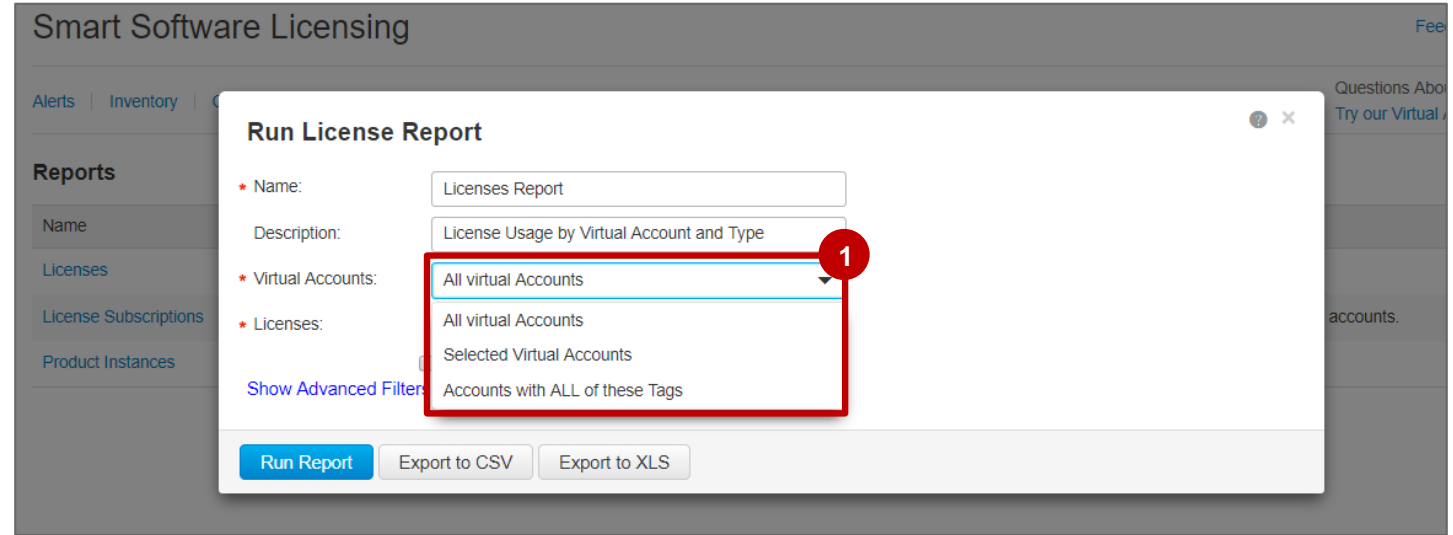
Licenses	Billing	Purchased	In Use	Reserved	Balance	Duplicates
C9300 DNA Essentials	Prepaid	5	0	-	+5	-
CSR 1KV APP 10G	Prepaid	1	0	-	+1	-
CSR 1KV APPX 100M	Prepaid	51	0	-	+51	-
CSR 1KV Appx 10G	Prepaid	40	0	-	+40	-
CSR 1KV APPX 10M	Prepaid	50	0	-	+50	-
CSR 1KV APPX 2500M	Prepaid	20	9	9	+11	-
CSR 1KV APPX 250M	Prepaid	40	20	10	+20	-
CSR 1KV APPX 500M	Prepaid	143(+107 Pending)	80	61	+63	-
CSR 1KV APPX 50M	Prepaid	51	0	-	+51	-
CSR 1KV APPX 5G	Prepaid	20	0	-	+20	-
CSR 1KV AX 10M	Prepaid	388(+107 Pending)	107	107	+281	-
CSR 1KV AX 50M	Prepaid	13(+107 Pending)	0	-	+13	-
CSR 1KV IP BASE 100M	Prepaid	10	0	-	+10	-
CSR 1KV IP BASE 10M	Prepaid	116	5	5	+111	-
CSR 1KV IP BASE 500M	Prepaid	165	19	19	+146	-
CSR 1KV IP BASE 50M	Prepaid	218(+217 Pending)	96	96	+122	-
CSR 1KV SECURITY 100M	Prepaid	50	2	2	+48	-
CSR 1KV SECURITY 10M	Prepaid	463(+217 Pending)	139	139	+324	-
CSR 1KV SECURITY 500M	Prepaid	50	4	4	+46	-
CSR 1KV SECURITY 50M	Prepaid	14(+107 Pending)	0	-	+14	-

报告

许可证报告

- 1 在“运行许可证报告”下，您可以从下拉菜单中选择“虚拟帐户”。你有3个选择：
所有虚拟账户
选定的虚拟账户
包含所有这些标记的帐户

- 2 如果选择“选定的虚拟帐户”，则可以选择为报告选择“虚拟帐户”。您可以选择要在哪个虚拟帐户上运行报告。您可以按关键字搜索。

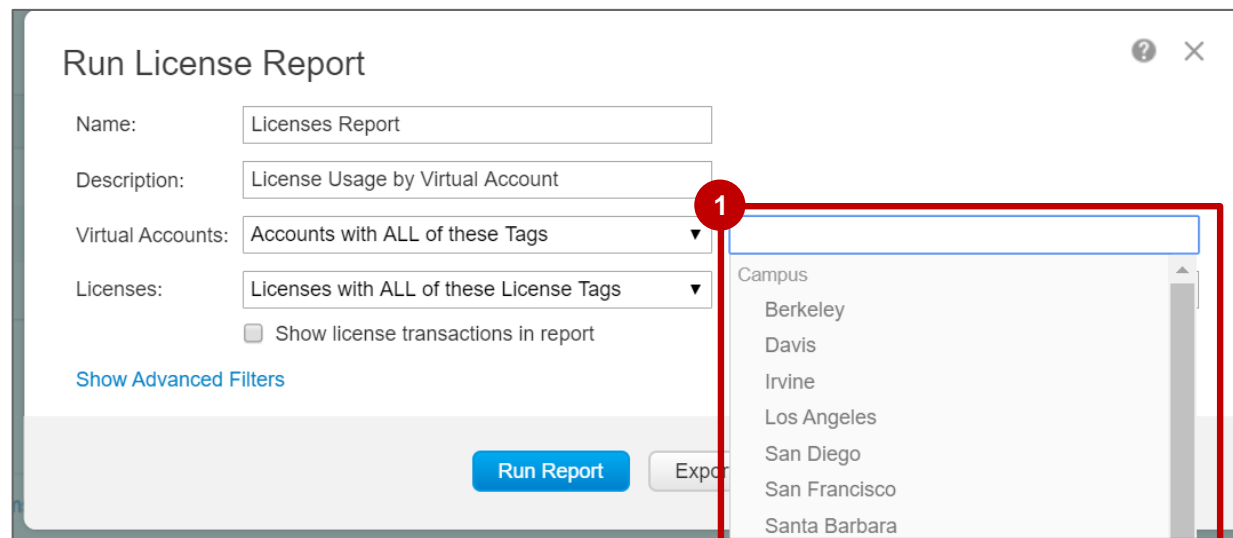


报告

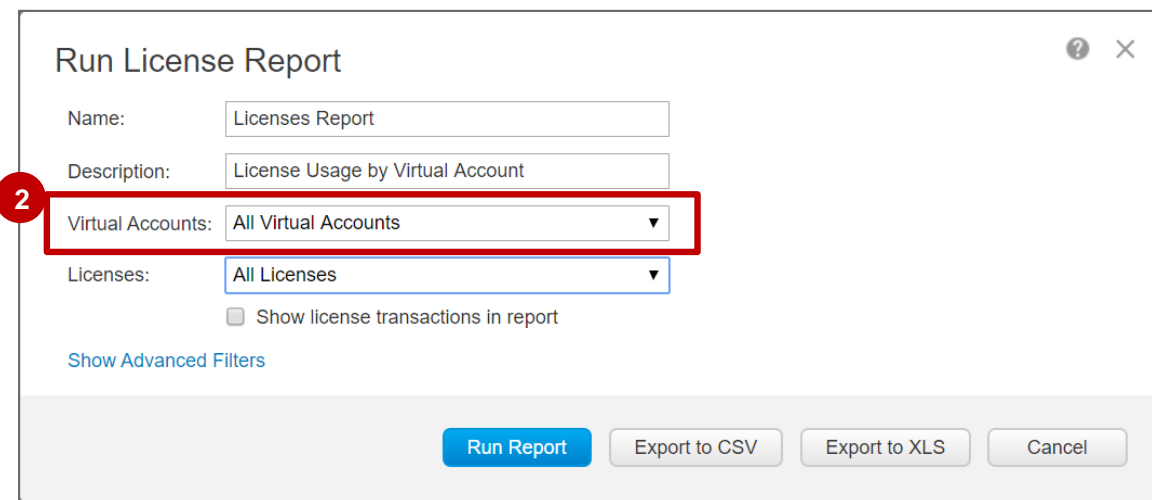
许可证报告

1 如果选择包含所有这些标记的帐户，您将搜索多个标记，并且只有包含您选择的所有标记的虚拟帐户才会显示在报告中。

2 如果选择“所有虚拟帐户”，则没有搜索功能，因为报告将从智能帐户中的所有虚拟帐户中提取。



The screenshot shows the 'Run License Report' dialog box. The 'Name' field is 'Licenses Report', 'Description' is 'License Usage by Virtual Account', and 'Virtual Accounts' is set to 'Accounts with ALL of these Tags'. A search dropdown is open, showing a list of campus names: Campus, Berkeley, Davis, Irvine, Los Angeles, San Diego, San Francisco, and Santa Barbara. A red circle with the number '1' is placed over the search dropdown.



The screenshot shows the 'Run License Report' dialog box. The 'Name' field is 'Licenses Report', 'Description' is 'License Usage by Virtual Account', and 'Virtual Accounts' is set to 'All Virtual Accounts'. The 'Licenses' field is set to 'All Licenses'. A red circle with the number '2' is placed over the 'Virtual Accounts' dropdown menu.

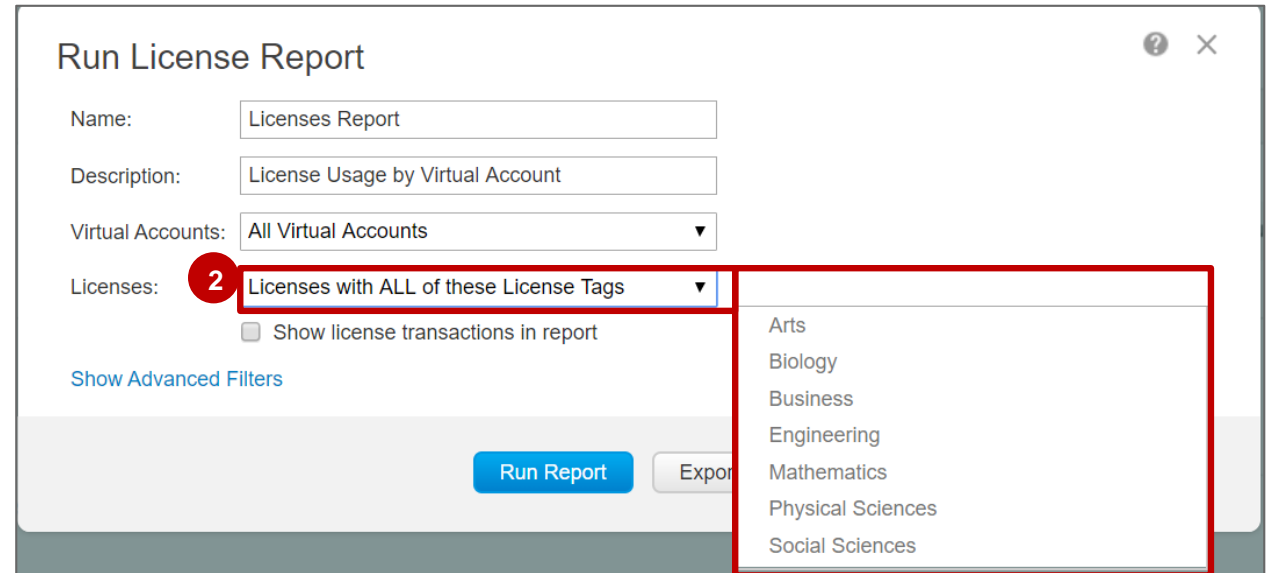
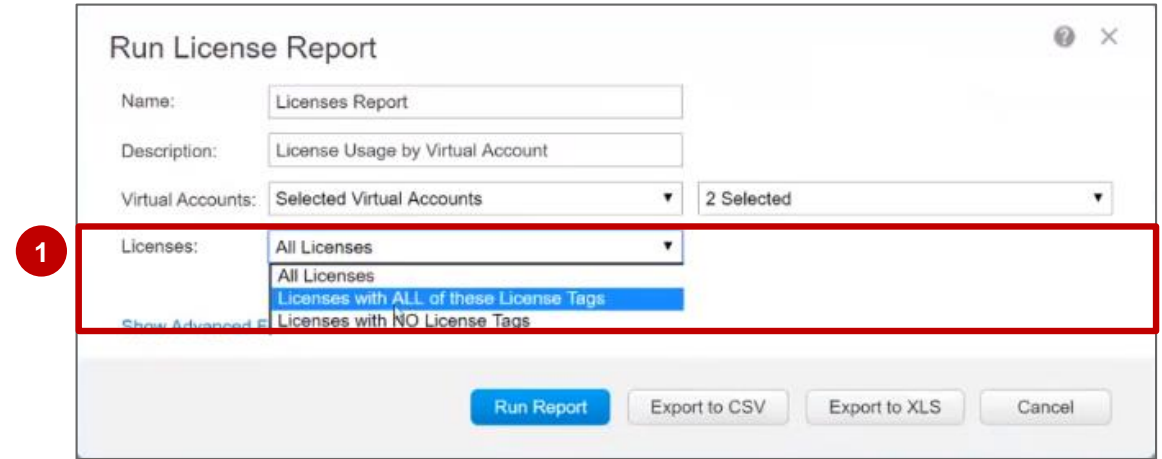
报告

许可证报告

1 您还可以按许可证过滤。

您可以选择查看为按以下条件过滤的许可证生成的报告：所有许可证、带所有这些许可证标记的许可证或无许可证标记的许可证。

2 如果您选择搜索带所有这些标记的许可证，可以从下拉菜单中选择很多标记，并且报告中将仅包含与所有这些标记关联的许可证。



报告

许可证报告

1 如果您选择搜索无许可证标记的许可证，报告将显示没有与任何标记关联的许可证。

2 如果您选择所有许可证，报告将显示用户有权访问的所有许可证。

1

Run License Report

* Name:

Description:

* Virtual Accounts: 5 selected

* Licenses:

Show license transactions in report

[Show Advanced Filters](#)

2

Run License Report

* Name:

Description:

* Virtual Accounts: 5 selected

* Licenses:

Show license transactions in report

[Show Advanced Filters](#)

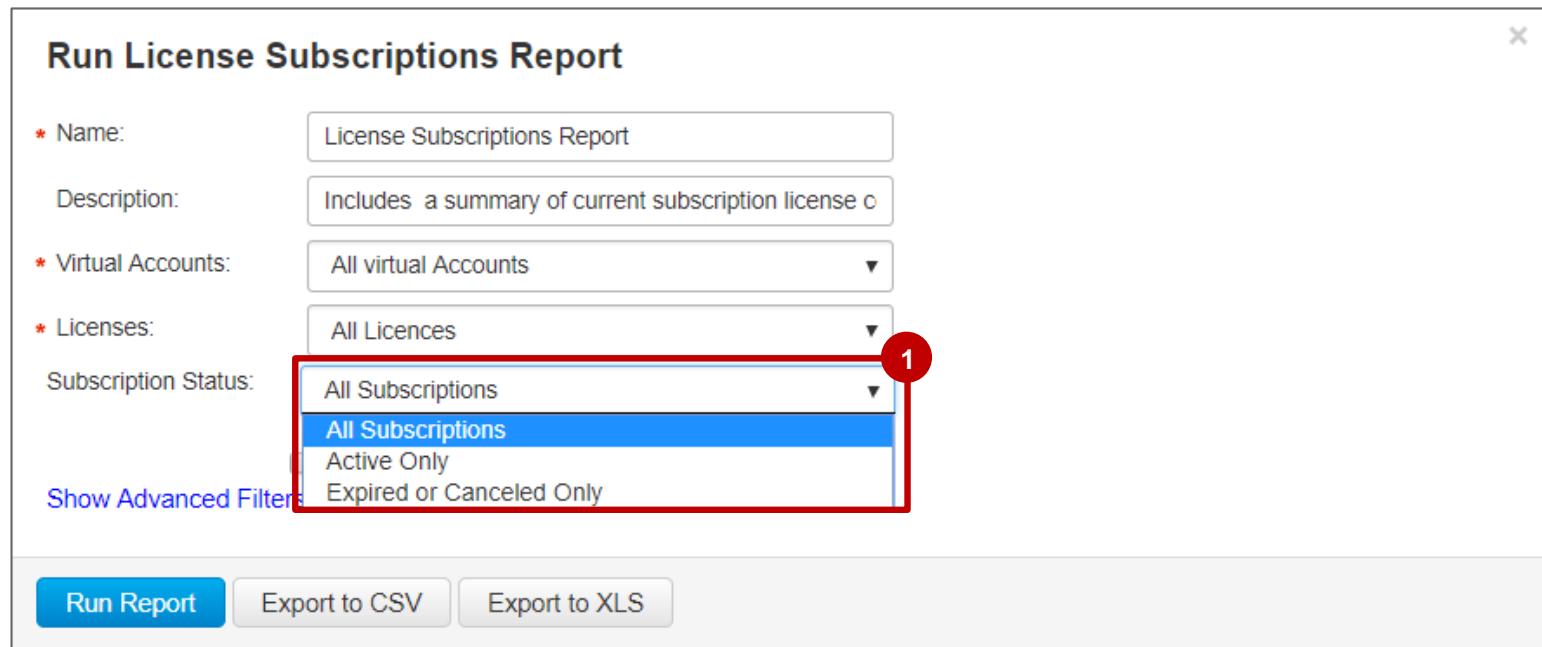
报告

许可订阅报告

在“许可证订阅报告”下，您还可以选择“虚拟帐户和许可证”。

1 对于许可订阅报告，您可以选择订阅状态：

- 所有订用
- 仅有效订用
- 仅已到期或已取消的订用



Run License Subscriptions Report

* Name: License Subscriptions Report

Description: Includes a summary of current subscription license c

* Virtual Accounts: All virtual Accounts

* Licenses: All Licenses

Subscription Status: All Subscriptions

Show Advanced Filters

Run Report Export to CSV Export to XLS

报告

产品实例报告

- 1 在产品实例报告下，还可以选择虚拟账户。
- 2 此外，您还可以选择产品类型。

Product Type Report

* Name: Product Instance Report

Description: Product Instance by Virtual Account and Type

* Virtual Accounts: 55 selected

* Product Type: 14 selected

Enter keywords

Check all | Uncheck all

- UCL
- ASAHIGH
- 4300ISR
- 800BB
- UWLO

Export to XLS

报告

高级过滤器

除了虚拟账户、许可证和订用状态过滤器，您还可以添加高级过滤器。

2 在高级过滤器部分，您可以按以下条件过滤来源（下拉选项如下所示）、客户、订单编号、采购订单编号、收货方国家/地区、产品系列、SKU、设备、PAK 和到期日期。

Hide Advanced Filters

Source:

Customer:

Order Number:

Purchase Order:

Shipt to country:

Run Report Exp

Run License Report

* Name:

Description:

* Virtual Accounts:

* Licences:

Show license transactions in report

[Hide Advanced Filters](#)

2

Source: Product Family:

Customer:

SKU:

Order Number:

Device:

Purchase Order:

PAK:

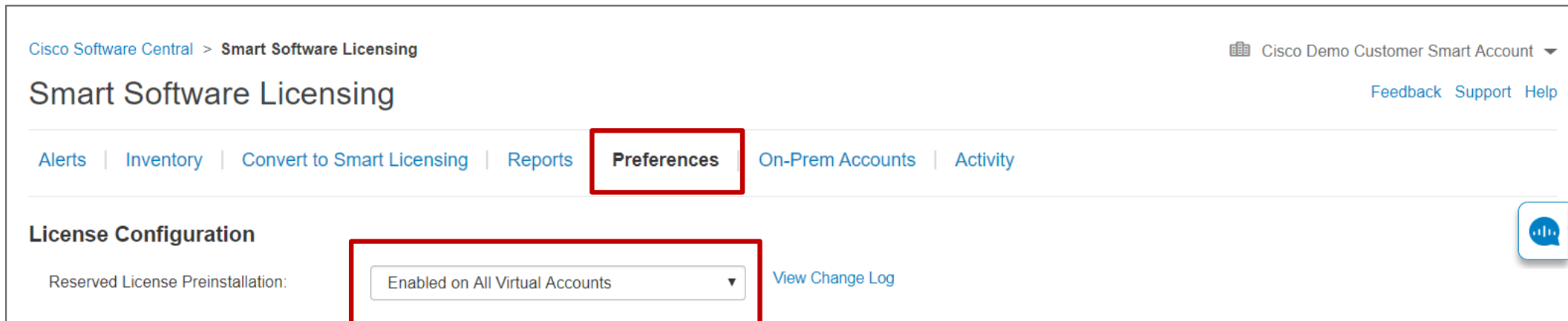
Shipt to country: Expiration:

Run Report Export to CSV Export to XLS

偏好设置

许可证配置

- 1 在首选项选项卡中，智能账户管理员可以查看许可证配置部分。
 - 如果智能账户中已启用“特定许可证预留”，智能账户管理员可以选择启用“预安装预留的许可证”。



特定许可证预留 (SLR) 是高度安全的网络中使用的功能。

如果需要启用 SLR，可以在 [Support Case Manager \(SCM\)](#) 开一个case
启用 SLR 后，智能账户管理员可以选择启用“预安装预留的许可证”

- 有关更多详细信息，请查阅此[快速参考指南](#)

注意：现在，智能账户管理器中提供“特定许可证预留”功能，但是使用此功能的首批产品从 2018 年 7 月才开始供应。

偏好设置

选择通知

邮箱通知设置现已纳入“首选项”选项卡，位于许可证配置部分下面

1 在此处，可以选择您希望接收的邮件通知。

2 点击保存，然后再转到新的页面。

Cisco Software Central > Smart Software Licensing Cisco Demo Customer Smart Account

Smart Software Licensing

[Alerts](#) | [Inventory](#) | [Convert to Smart Licensing](#) | [Reports](#) | **Preferences** | [On-Prem Accounts](#) | [Activity](#)

License Configuration

Specific License Reservation: Enabled [View Change Log](#)

Email Notification

Daily Event Summary

Receive a daily email summary containing the events selected below

Email Address: askocka@cisco.com

Alert Events:

- Insufficient Licenses - Usage in account exceeds available licenses
- Licenses Expiring - Warning that term-limited licenses will be expiring. Sent 90, 60, 30, 14, 7, 3 and 1 day prior to expiration.
- Licenses Expired - Term-limited licenses have expired. Only displayed if Licenses Expiring warning have not been dismissed.
- Product Instance Failed to Connect - Product has not successfully connected during its renewal period
- Product Instance Failed to Renew - Product did not successfully connect within its maximum allowed renewal period.
- Satellite Synchronization Overdue - Satellite has not synchronized within the expected time period.
- Satellite Unregistered and Removed - Satellite failed to synchronize in 90 days and has been removed.
- Licenses Not Converted - One or more traditional licenses were not automatically converted to Smart during Product Instance Registration.

Informational Events:

- New Licenses - An order has been processed and new licenses have been added to the account
- New Product Instance - A new product instance has successfully registered with the account
- Licenses Reserved - A product instance has reserved licenses in the account

Status Notification

Receive an email when a Satellite synchronization file has finished processing by Smart Software Manager

Save

本地账户

SSM本地账户（离线连接器）

如果客户对安全的要求非常高，不希望使用直接的互联网连接来管理已安装的思科设备，则在客户端安装本地智能软件管理器，并提供思科 SSM 功能的子集。

- 1 在本地账户主页，您将看到列出的所有本地账户，并能创建新本地账户。

Cisco Software Central > Smart Software Licensing Cisco Demo Customer Smart Account

Smart Software Licensing

[Alerts](#) | [Inventory](#) | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | **On-Prem Accounts** | [Activity](#)

On-Prem Accounts 98 Major | Hide AI

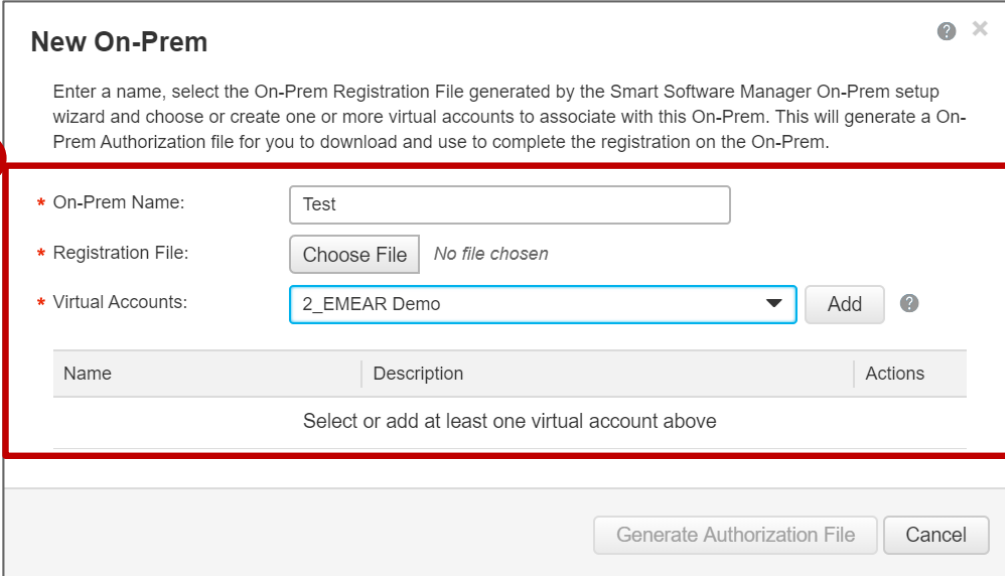
1 New On-Prem... +

Name	Product Instances	Last Synchronization	Synchronization Due	Version	Alerts	Actions
0sat-1	0	2018-Nov-05 15:16:22	2018-Dec-05 15:16:22	5.0.1	✘ Synchronization Overdue	Actions
99_WLSN	1	2018-Nov-23 10:58:26	2018-Dec-23 10:58:26	6.0.0	✘ Synchronization Overdue	Actions
account_name	0	2019-Feb-08 07:14:24	2019-Mar-10 07:14:24	6.1.0	✘ Synchronization Overdue	Actions
amod	0			6.2.0	✘ Synchronization Overdue	Actions
berlab-ssms	1	2019-Mar-25 16:18:37	2019-Apr-24 16:18:37	6.2.0	✘ Synchronization Overdue	Actions
BTS-test-sat-2-7-26	0	2018-Jul-26 21:51:40	2018-Aug-25 21:51:40	3.0.0	✘ Synchronization Overdue	Actions
CDCSA Sat	0	2018-Aug-16 20:51:55	2018-Sep-15 20:51:55	3.0.0	✘ Synchronization Overdue	Actions

本地账户

SSM On-Prem（离线连接器）

- 2 选择新本地账户时，系统将会显示一个弹出窗口，提示您输入以下信息：本地账户名称、注册文件、虚拟帐户。
- 3 点击生成授权文件时，系统将会显示一个弹出窗口，您可以在该窗口中通过点击“下载授权文件”下载授权文件。



New On-Prem

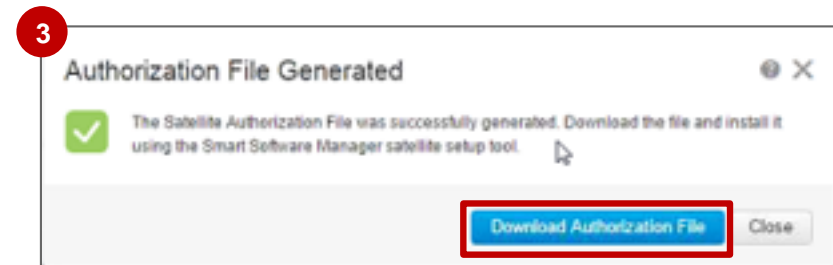
Enter a name, select the On-Prem Registration File generated by the Smart Software Manager On-Prem setup wizard and choose or create one or more virtual accounts to associate with this On-Prem. This will generate a On-Prem Authorization file for you to download and use to complete the registration on the On-Prem.

* On-Prem Name:

* Registration File: No file chosen

* Virtual Accounts:

Name	Description	Actions
Select or add at least one virtual account above		



有关SSM内部部署的更多信息，请参考[SSMCisco.com](https://www.cisco.com/SSM)页面。您还将找到以下文件

- SSM本地概述演示文稿，用户指南，安装指南，数据表，概述，常见问题解答。

此外，“SSM本地概述”演示文稿很好地总结了SSM本地部署模型，系统要求，功能，网络同步等。

- [SSM On-Prem Enhanced Edition](#)

活动

全面了解许可证事务

- 1 在“活动”页面的“交易历史记录”选项卡中，查看许可证交易和其他详细信息。
- 2 您可以点击“交易日期”链接查看交易详细信息和期限详细信息。

Cisco Software Central > Smart Software Licensing

Cisco Demo Customer Smart Account

Smart Software Licensing

Feedback Support Help

Alerts | Inventory | Convert to Smart Licensing | Reports | Preferences | On-Prem Accounts | **Activity**

Activity

License Transactions | Event Log

Search by License SKU, License or by Virtual Account

Transaction Date	License SKU	License	Quantity	License Expiration	Virtual Account	Source
2019-Jul-02 13:23:12	L-CSR-2.5G-AX-S=	CSR 1KV AX ..	5	2019-Aug-01 (Demo)	jonm	Manual Entry
2019-Jul-02 06:11:18	C9300-DNA-E-24	C9300 DNA E..	1	2019-Aug-02 (Demo)	skaw	Manual Entry
2019-Jul-02 06:03:06	L-CSR-5G-APP-S=	CSR 1KV APP..	-1	2019-Aug-31 (Demo)	kkuw	TRANSFER
2019-Jul-02 03:04:02	L-CSR-5G-APP-S=	CSR 1KV APP..	1	2019-Aug-31 (Demo)	kkuwa	Manual Entry
2019-Jul-02 03:04:02	L-CSR-5G-APP-S=	CSR 1KV APP..	1	2019-Aug-31 (Demo)	kkuwab	Manual Entry

Transaction : 2019-Jul-02 13:23:12

Transaction Details

Transaction Date: 2019-Jul-02 13:23:12
License SKU: L-CSR-2.5G-AX-S=
License: CSR 1KV AX 2.5G
Quantity: 5
License Type: Demo
Virtual Account: jonmarsh
Source: Manual Entry

Term Details

Subscription ID: -
Subscription Status: -
Start Date: 2019-Jul-02
Expiration Date: 2019-Aug-01

Close

反馈和支持

其他链接

1 所有页面上都有一些链接，用于提供反馈、提出支持请求和寻求工具内的帮助。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. At the top, the breadcrumb navigation reads "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing". In the top right corner, the user is logged in as "Cisco Demo Customer Smart Account". A red box highlights the navigation links "Feedback Support Help" with a red circle containing the number "1".

Two forms are overlaid on the page:

- Smart Software Manager Feedback:** This form is titled "Smart Software Manager Feedback" and includes the instruction "Please use this form only to provide Smart Software Manager feedback." It features a dropdown menu for "Select a Category for Your Feedback", a text area for "Enter your feedback here", and a checkbox for "Send anonymously (otherwise your Cisco.com User Name is included)". The form has "Send Feedback" and "Cancel" buttons.
- Smart Software Manager Support:** This form is titled "Smart Software Manager Support" and includes the instruction "Use this form to request support for Smart Software Manager or issues related to licenses in your Smart Account. Once the request has been sent, you will receive a response within 48 hours." It has a text area for "Enter details about the issue here." and pre-filled information: "Smart Account: Cisco Demo Customer Smart Account (demo.cisco.com)", "Reported By: Anna Skocka (askocka@cisco.com)", "Preferred Contact Method: Email", "Contact Email Address: john.doe@cisco.com", "Contact Phone Number: 123456789", and "Time Zone: GMT-06:00, America/Denver (MDT)". The form has "Send" and "Cancel" buttons.


A third window is overlaid on the bottom right, showing a "Contents" index for "Introduction to Smart Software Manager". The index includes links for "Introduction to Smart Software Manager", "Alerts", "Inventory: General Tab", "Inventory: License Tab", "Inventory: Virtual Account Event Log Tab", "Inventory: Product Instances Tab", "Convert to Smart Licensing", "Reports", "Preferences", "Satellites", "Activity", "Smart Accounts Info & Selection", "Feedback and Support", and "Web Browsers and Release Notes". The main content area shows the "Introduction to Smart Software Manager" page with a list of links: "Overview of Smart Software Manager", "Smart Account Management", "Licenses", "Product Instances", "Registration Tokens", and "Virtual Accounts".

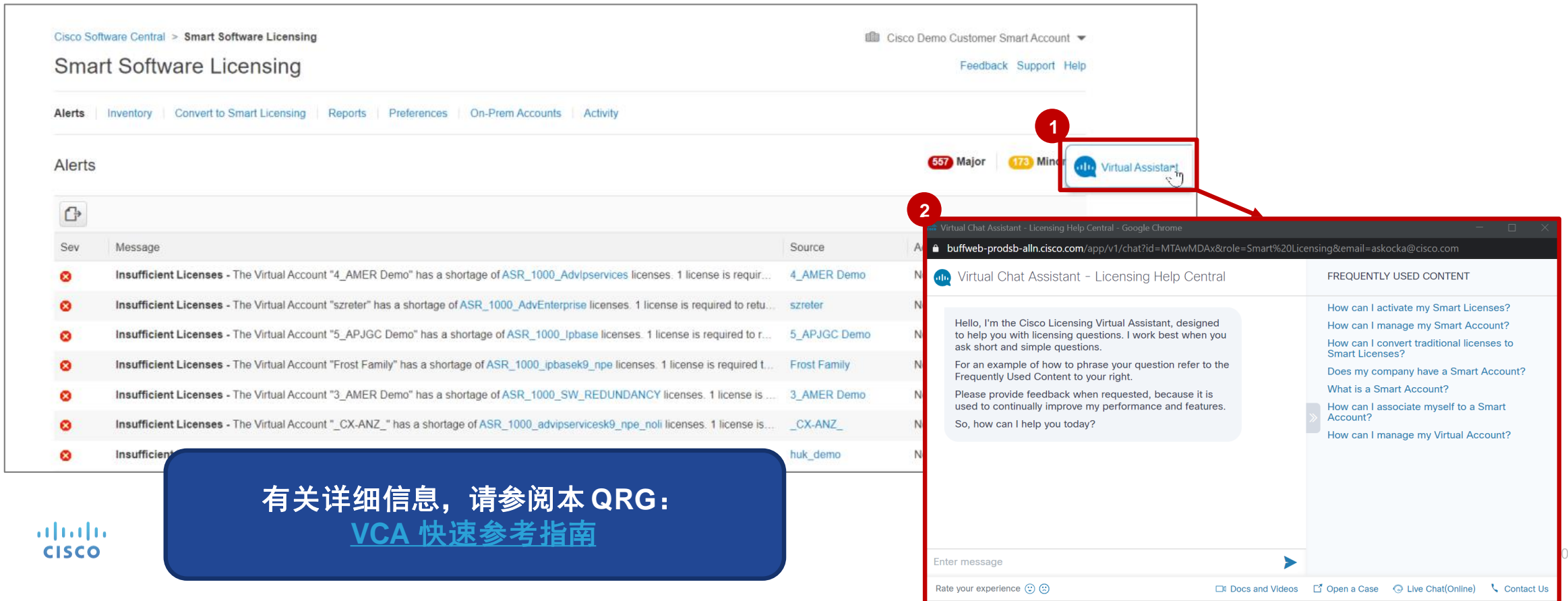
The Cisco logo is visible in the bottom left corner.

虚拟聊天助理

SSM 中的虚拟助理

现在，您可以从智能软件管理器访问虚拟聊天助理 (VCA)。虚拟聊天助手将在SSM的右上角显示为蓝色图标。

- 1 点击虚拟助理图标可打开 VCA。
- 2 系统会显示许可虚拟助理页面，您可以在这里输入您的问题。



The screenshot shows the Cisco Smart Software Licensing (SSM) interface. In the top right corner, there is a 'Virtual Assistant' icon (a blue speech bubble with a white chat icon) which is highlighted with a red box and a red circle containing the number '1'. A red arrow points from this icon to a separate window showing the Virtual Chat Assistant interface. This window is also highlighted with a red box and a red circle containing the number '2'. The chat window displays a greeting: 'Hello, I'm the Cisco Licensing Virtual Assistant, designed to help you with licensing questions. I work best when you ask short and simple questions. For an example of how to phrase your question refer to the Frequently Used Content to your right. Please provide feedback when requested, because it is used to continually improve my performance and features. So, how can I help you today?'. To the right of the chat area is a 'FREQUENTLY USED CONTENT' section with several links. At the bottom of the chat window, there is an 'Enter message' input field and a 'Rate your experience' section with smiley face icons. The background of the SSM interface shows a table of alerts with columns for 'Sev', 'Message', and 'Source'. The table contains several rows of 'Insufficient Licenses' alerts for various virtual accounts.

有关详细信息，请参阅本 QRG：
[VCA 快速参考指南](#)

支持和其他资源

服务团队联系方式

开case

软件授权服务团队:

如果您有关于，软件授权的问题，可以在Support case manager， 开一个case。

[Support Case Manager \(SCM\)](#).

更多如何在SCM,开case的方法，请点击 [here](#).

产品服务团队: Technical Assistance Center (TAC)

技术性相关的问题，可以联系思科的TAC中心:

[Worldwide Support Contacts](#)

其他资源

位置	面向群体	说明
http://cisco.com/go/smartaccounts http://cisco.com/go/smartlicensing	全部	思科智能帐户概述 思科智能软件许可概述
软件操作交流页面 培训日程 可订购的智能许可 SKU 列表 常见问题解答	全部	其他软件培训和信息资源
思科软件：功能概述（面向代理商）	代理商/批发商/B2B	
思科软件：智能帐户设置和管理（面向代理商）	代理商/批发商	有关如何在思科软件中心 (CSC) 中创建和管理暂持智能帐户的分步指南
思科软件：使用智能帐户进行 CCW 报价和订购（面向代理商）	代理商/批发商	向代理商和批发商分步骤介绍如何在 CSC 中订购智能许可产品并将智能帐户分配到许可证
思科软件：使用智能帐户进行 B2B 报价和订购（面向代理商）	B2B	分步骤介绍如何通过 B2B 订购来订购智能许可产品并将智能帐户分配到许可证
思科软件：使用智能帐户进行智能许可管理	代理商/客户	智能软件管理器中的智能许可管理
思科软件：使用智能帐户进行传统许可管理	代理商/客户	许可证注册门户中的传统许可管理
思科软件：EA 工作空间 思科软件：EA 工作空间 - 按需视频	客户	EA 工作空间 E2E 培训指南
智能帐户领先操作规范 - 代理商	代理商/批发商/B2B	智能帐户领先操作规范（面向代理商）
申请暂持智能帐户快速参考指南 完成暂持智能帐户设置快速参考指南	代理商/批发商/B2B	有关如何申请暂持智能帐户的快速分步指南 有关如何完成暂持智能帐户设置的快速分步指南
申请客户智能帐户快速参考指南 完成客户智能帐户设置快速参考指南	代理商/批发商/B2B/最终客户	有关如何申请暂持智能帐户的快速分步指南 此快速分步指南介绍如何完成客户智能帐户的设置
申请访问现有智能帐户	销售/代理商/批发商/B2B/最终客户	有关如何申请对现有智能帐户的访问权限的快速分步指南
协助客户设置智能帐户快速参考指南	代理商/批发商/B2B	此快速分步指南介绍代理商如何协助客户设置智能帐户
指定代理商代表您管理帐户快速参考指南	代理商/批发商/B2B/最终客户	此快速分步指南介绍客户如何指定代理商管理其智能帐户
智能软件许可：特定许可保留	代理商/批发商/B2B/最终客户	智能软件管理器中的特定许可保留（SLR）快速指南。

后端通信通道和端口

授权后端



思科智能软件管理 (SSM) (cisco.com)

HTTPS: tools.cisco.com (Port 443)



SSM On-Prem

用户界面: HTTPS (Port 8443)

产品注册: HTTPS (Port 443), HTTP (Port 80)

SSM: HTTPS (tools.cisco.com, api.cisco.com, cloudsso.cisco.com) (Port 443)

有什么问题？





附录：设备主导型转换

设备主导型转换

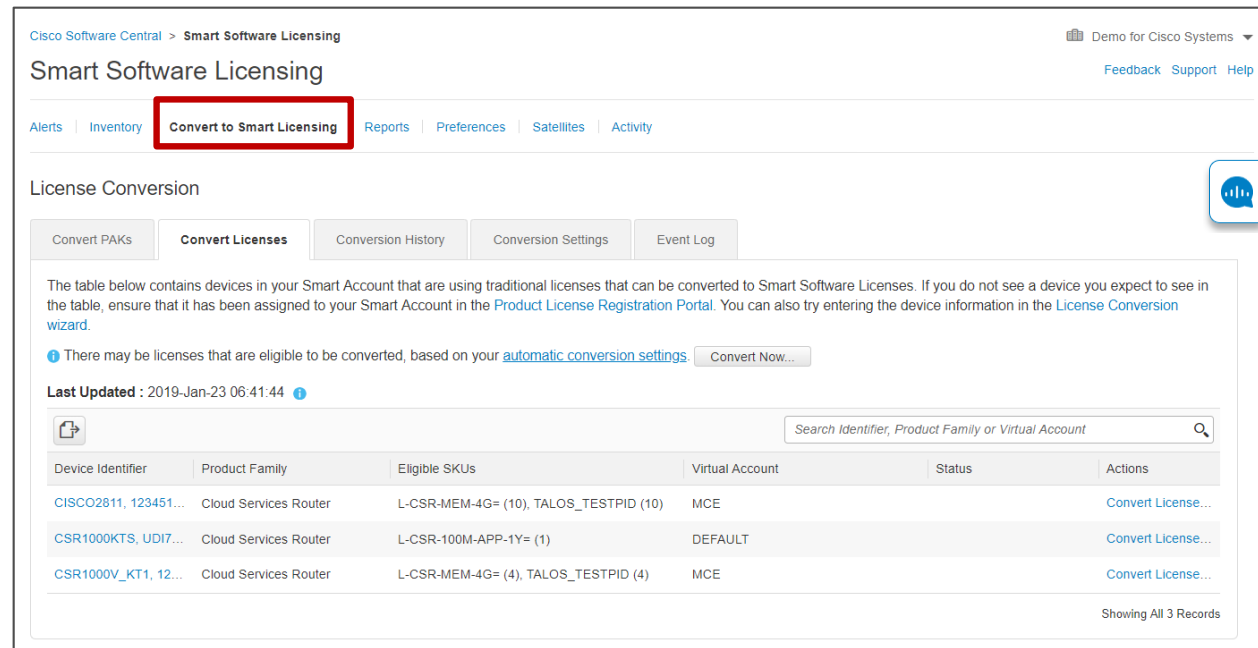
转换检查

如果某台设备从未触发过设备主导型转换，系统将通过几项检查来确认其是否需进行转换。

在以下场景中，设备会进行转换：

- ✓ 如果设备已成功注册，而该设备从未进行过许可证迁移，且客户未禁用自动迁移。
- ✓ 如果高可用性 (HA) 关系中的主用设备触发迁移，则所有与此设备存在高可用性关系的设备都将迁移。
- ✓ 如果有新设备被添加至现有的 HA 配置，则会自动触发该设备的迁移。
- ✓ 如果某设备从备用状态转至主用状态，系统将启动自动迁移状态。如果该设备尚未执行过自动迁移，系统将启动自动迁移。

在得到批准后，与该设备关联的传统许可证和 RTU 许可证将转换为智能授权。



Cisco Software Central > Smart Software Licensing Demo for Cisco Systems

Smart Software Licensing

[Alerts](#) | [Inventory](#) | **Convert to Smart Licensing** | [Reports](#) | [Preferences](#) | [Satellites](#) | [Activity](#)

License Conversion

[Convert PAKs](#) | **Convert Licenses** | [Conversion History](#) | [Conversion Settings](#) | [Event Log](#)

The table below contains devices in your Smart Account that are using traditional licenses that can be converted to Smart Software Licenses. If you do not see a device you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#). You can also try entering the device information in the [License Conversion wizard](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2019-Jan-23 06:41:44

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status	Actions
CISCO2811, 123451...	Cloud Services Router	L-CSR-MEM-4G= (10), TALOS_TESTPID (10)	MCE		Convert License...
CSR1000KTS, UDI7...	Cloud Services Router	L-CSR-100M-APP-1Y= (1)	DEFAULT		Convert License...
CSR1000V_KT1, 12...	Cloud Services Router	L-CSR-MEM-4G= (4), TALOS_TESTPID (4)	MCE		Convert License...

Showing All 3 Records

设备主导型转换

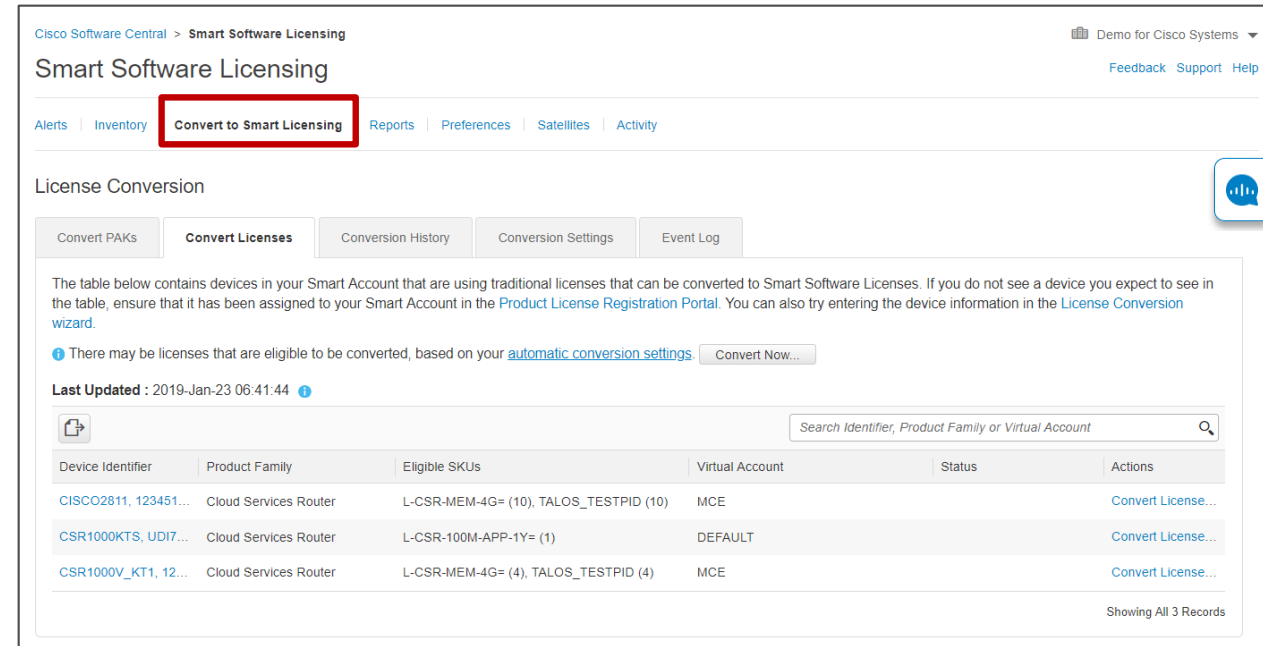
转换检查

在以下场景中，设备不会进行自动转换：

- ✓ 如果设备已执行过迁移，则不会出现自动转换，并且用户会看到设备显示错误消息“已转换”。
- ✓ 如果设备已注册，但是在尚未执行迁移的情况下重新加载（重启）。

在以下场景中，手动转换不会被触发：

- ✓ 如果设备已执行过转换，则不会触发手动转换，并且用户会看到设备显示错误消息“已转换”。
- ✓ 如果客户在执行迁移后禁用智能许可，并安装了其他许可证文件，当重新启用并执行迁移时，系统不会迁移后来添加的许可证，因为已执行过一次迁移。
- ✓ 如果在当前迁移处于等待状态时触发第二次手动迁移尝试，则该尝试不会成功。



Cisco Software Central > Smart Software Licensing Demo for Cisco Systems

Smart Software Licensing

[Alerts](#) | [Inventory](#) | **Convert to Smart Licensing** | [Reports](#) | [Preferences](#) | [Satellites](#) | [Activity](#) [Feedback](#) [Support](#) [Help](#)

License Conversion

[Convert PAKs](#) | **Convert Licenses** | [Conversion History](#) | [Conversion Settings](#) | [Event Log](#)

The table below contains devices in your Smart Account that are using traditional licenses that can be converted to Smart Software Licenses. If you do not see a device you expect to see in the table, ensure that it has been assigned to your Smart Account in the [Product License Registration Portal](#). You can also try entering the device information in the [License Conversion wizard](#).

There may be licenses that are eligible to be converted, based on your [automatic conversion settings](#). [Convert Now...](#)

Last Updated : 2019-Jan-23 06:41:44

Device Identifier	Product Family	Eligible SKUs	Virtual Account	Status	Actions
CISCO2811, 123451...	Cloud Services Router	L-CSR-MEM-4G= (10), TALOS_TESTPID (10)	MCE		Convert License...
CSR1000KTS, UDI7...	Cloud Services Router	L-CSR-100M-APP-1Y= (1)	DEFAULT		Convert License...
CSR1000V_KT1, 12...	Cloud Services Router	L-CSR-MEM-4G= (4), TALOS_TESTPID (4)	MCE		Convert License...

Showing All 3 Records

设备主导型转换

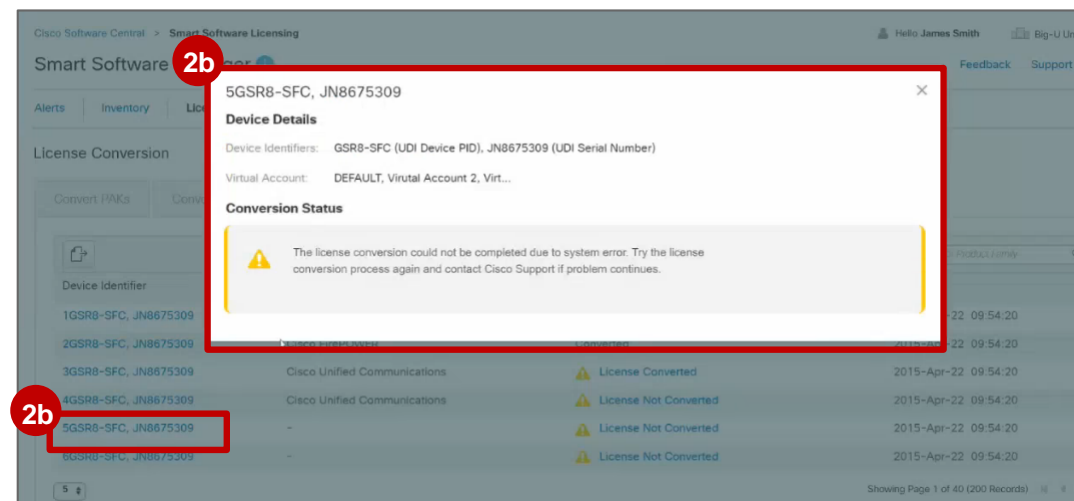
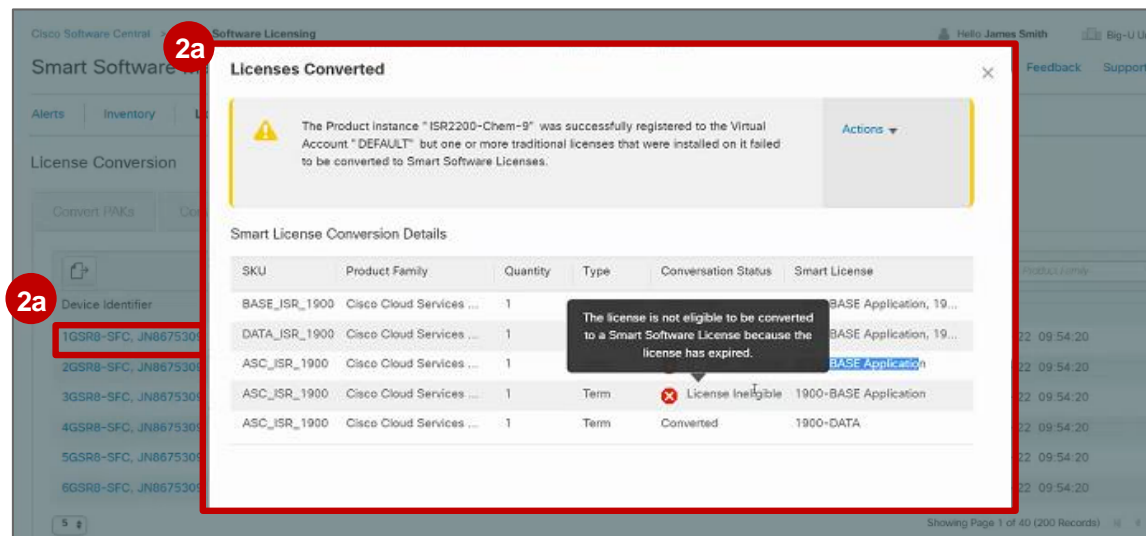
转换历史记录选项卡

2 点击设备标识符列下面的数据可查看特定设备的更多详情。系统会弹出一个窗口显示有关设备和转换状态的更多详细信息。

2a 示例 1：当设备的状态为已转换时，系统显示的设备更多详情示例。在本例中，更多详情还包括以下信息：关于设备的传统/RTU 许可证和相关智能许可证的信息；许可证是否已成功转换；未成功转换的原因（如果适用）。许可证未成功转换是因为该许可证已过期或者没有对应的智能许可证。

2b 示例 2：当设备的转换状态为许可证未转换时，系统显示的设备更多详情示例。在本例中，更多详情还包括以下信息：关于设备的传统许可证和相关智能许可证的信息；许可证是否已成功转换；未成功转换的原因（如果适用）。

注意：某个许可证不合格并不会影响其他许可证的转换。



设备主导型转换

转换历史记录选项卡

2c 示例 3：当设备的转换状态为许可证未转换时，系统显示的设备更多详情示例。由于有一个或多个许可证不合格，整个转换过程未完成。

2d 示例 4：当设备的转换状态为许可证未转换时，系统显示设备更多详情示例。由于无法建立通信，整个转换过程未完成。

注意：系统会检查 Swift 中的标记是否标注为需要对应的智能许可证。

- 如果需要对应的智能许可证，则系统会阻止设备主导型转换。
- 如果不需要对应的智能许可证，则系统不会阻止其他许可证的设备主导型转换。

2c


GSR8-SFC, JN8675309

Device Details




Device Identifiers: GSR8-SFC (UDI Device PID), JN8675309 (UDI Serial Number)

Virtual Account: DEFAULT, Virtual Account 2, Virt...

Conversion Status


 The Product Instance "ISR2200-Chem-9" was successfully registered to the Virtual Account "DEFAULT" however an eligible Smart Software License could not be identified to for the conversion of one or more licenses. Please contact Cisco Support for conversion assistance.

Conversion initiated 2015-Apr-22 09:54:20 by System

SKU	Product Family	Quantity	Type	Conversion Status	Smart License
BASE_ISR_1900	Cisco Cloud Services...	1	Perpetual	 Not Converted	1900-BASE Application
DATA_ISR_1900	Cisco Cloud Services...	2	Perpetual	 Not Converted	1900-BASE Application
ASC_ISR_1900	Cisco Cloud Services...	1	Perpetual	 License Ineligible	1900-BASE Application

2d

Licenses Not Converted

 The product instance "ISR2200-Chem-9" was unable to establish a connection due to communication error. Try the license conversion process again and contact Cisco Support if problem continues.

[Actions](#)

附录：许可证升级

资产 - 许可证升级

概述

许可升级功能允许您看到SSM中，您的证书有哪些可用升级。这一功能可以帮您识别您想使用的证书及其所在虚拟账号。

购买了现存许可的升级功能之后，理想情况下，它会在SSM中替换掉现存许可。然而，目前还没有这样的设置。结果，现存和升级许可都会出现在同一个资产列表中，并且可以被多个实例使用。当用户购买了升级SKU，升级SKU里的授权会被存放到智能账户中，状态显示为“等待升级”。用户可以根据基于升级SKU可用的多个选项中，选择一种。用户选择升级路径，而授权会被存放到许可证资产中。不论从哪种授权升级而来，都会被从许可证资产和虚拟账户中移除。

哪些证书升级会发生的例子有：

- Collab 用户购买升级从“基础”到“增强”
- Catalyst 9K用户购买升级从“基础网络”到“高级网络”

资产 - 许可证升级

- 1 在这里，您可以看到通过升级SKU添加权利的示例。
在此示例中，0是从非升级SKU配置的，20是通过升级SKU配置的。换句话说，有20个许可证正在等待升级，因此不能被产品实例使用。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The page title is "Smart Software Licensing" and the virtual account is "VA_Upgrade". The "Licenses" tab is active, showing a table of license records. The table has columns for License, Billing, Purchased, In Use, Balance, Alerts, and Actions. The first row shows a license with 0 purchased and 0 in use, with a balance of 0 and an "Upgrade Pending" alert. The other three rows show licenses with 20 purchased and 0 in use, with a balance of +20. The interface also includes navigation links, a search bar, and a "Show License Transactions" checkbox.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
BAT_Upgrade1	Prepaid	0 (+20 pending)	0	0	Upgrade Pending	Actions
ISR G2 1921 NES	Prepaid	20	0	+ 20		Actions
Testonly_q2fy14_smart_desc	Prepaid	20	0	+ 20		Actions
Testonly_q2fy14_smart_desc	Prepaid	20	0	+ 20		Actions

资产 - 许可升级

- 2 把等待升级的许可添加到虚拟账号中，就会产生一个事件。您可以通过资产选项卡下的事件日志选项卡来查看。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The page title is "Smart Software Licensing" and the virtual account is "VA_Upgrade". The "Event Log" tab is selected, showing a table of events. A red circle with the number "2" highlights a specific event in the table. A modal window titled "Message" is open over this event, displaying the following text: "5 new 'BAT_Upgrade1' perpetual upgrade licenses were added to the Virtual Account 'VA_Upgrade'. These licenses will become available when the upgrade is completed by identifying the current licenses to be replaced by the upgrade licenses." Below the message, it says "Press ctrl + c to copy selected text to clipboard." The table has columns for "Message", "Time", and "User". The "User" column for all events is "Cisco Support".

Message	Time	User
10 new "ISR_G2 1921 NES" perpetual licenses were added to the Virtual Account "VA_Upgrade"	2018-Aug-22 19:55:49	Cisco Support
10 new "Test"	2018-Aug-22 19:55:49	Cisco Support
10 new "Test"	2018-Aug-22 19:55:49	Cisco Support
10 new "ISR_G2 1921 NES" perpetual licenses were added to the Virtual Account "VA_Upgrade". These licenses will become available when the upgrade is completed by identifying the current licenses to be replaced by the upgrade licenses.	2018-Aug-22 19:55:33	Cisco Support
10 new "Test"	2018-Aug-22 19:55:33	Cisco Support
10 new "Test"	2018-Aug-22 19:55:33	Cisco Support
5 new "BAT_Upgrade1" perpetual upgrade licenses were added to the Virtual Account "VA_Upgrade". These licenses will be...	2018-Aug-22 19:55:18	Cisco Support
5 new "BAT_Upgrade1" term upgrade licenses were added to the Virtual Account "VA_Upgrade". These licenses will become...	2018-Aug-22 19:55:01	Cisco Support
10 new "BAT_Upgrade1" term upgrade licenses were added to the Virtual Account "VA_Upgrade". These licenses will becom...	2018-Aug-22 19:54:34	Cisco Support

库存 - 许可证升级

- 3 您将看到许可证等待升级的参考消息。
您可以通过三种方式打开“升级许可证”向导：
 - 3a 使用“警报”列中的“升级挂起”链接
 - 3b 从“操作”列的“操作”下拉列表中选择“完全升级”选项
 - 3c 单击许可证清单中的许可证名称后，单击该模型中的“操作”下拉列表，单击“完成升级”

The screenshot shows the 'Licenses' tab for a virtual account named 'VA_Upgrade'. The interface includes a table of licenses and several action buttons. Annotations are placed on the interface as follows:

- 3a**: Points to the 'Upgrade Pending' link in the 'Alerts' column of the license table.
- 3b**: Points to the 'Complete Upgrade...' option in the 'Actions' dropdown menu for a license.
- 3c**: Points to the license name 'BAT_Upgrade1' in the first column of the table.

License	Billing	Alerts	Actions
BAT_Upgrade1	Prepaid	Upgrade Pending	Transfer... Complete Upgrade...
ISR G2 1921 NES	Prepaid		Actions
Testonly_q2fy14_smart_desc	Prepaid	20	0 + 20
Testonly_q2fy14_smart_desc	Prepaid	20	0 + 20

库存 - 许可证升级

4 接下来，将打开“升级许可证”向导。

升级到显示挂起升级权利的值。在此示例中，BAT_Upgrade1是挂起的升级权利。

在“数量”文本框中，您可以输入一个值，指示要为BAT_Upgrade1升级的程度。

使用“到虚拟帐户”下拉列表，您还可以将升级待处理权限转移到其他虚拟帐户。升级将在目标虚拟帐户中进行，并且权限升级也将从此目标虚拟帐户中删除。默认情况下，它显示触发此升级操作的虚拟帐户。

Upgrade Licenses

STEP 1 Select Licenses | STEP 2 Review

Choose the quantity of upgrade licenses, and the current licenses to be replaced:

Upgrade To: BAT_Upgrade1

Quantity:

Available: 20

To Virtual Account:

4

4 The tags assigned to the current licenses are not automatically assigned to the upgrade licenses.



分配给当前许可证的任何标签都不会自动分配给升级许可证。

资产 - 许可证升级

5 在数量文本框输入值，点击应用按钮。在本示例中，系统会基于升级匹配，向用户显示不同的可用升级路径选项。比如，截图中显示5个Feature A可以升级到5个Feature B。根据升级匹配，情况也会不同。如果虚拟账户发生了改变，那么升级路径也会随之更新。

注意：只有基于升级匹配的各种不同情况才会显示可用的数量。升级路径可以是永久对永久，也可以是期限对期限，但绝不会是两者的结合。

STEP 1 Select Licenses

STEP 2 Review

Choose the quantity of upgrade licenses, and the current licenses to be replaced:

Upgrade To: Feature A

Quantity: 5

Available: 100

To Virtual Account: Accounting

Option	Upgrade To	Replaces Current (In Virtual Account "Accounting")
<input type="radio"/>	Feature A Quantity: 5 Expires: - never -	Feature B Quantity: 5 Expires: - never -
<input type="radio"/>	Feature A Quantity: 5 Expires: 6/20/19 (1 year, 34 days) see all dates	Feature B Quantity: 10 First expires: 6/4/18 (21 days) see all dates
<input type="radio"/>	Feature A Quantity: 6 (Must be upgraded in increments of 2) Expires: 6/20/19 (1 year, 34 days)	Feature C Quantity: 10 Expires: 6/7/18 (24 days)
		Feature D Quantity: 10 Expires: 6/7/18 (24 days)
		Feature G

资产- 许可证升级

5a 如果输入的数量不可用，系统将发出错误，要求您减少数量。

5a 屏幕截图突出显示了上述方案中收到的错误。

6 仅当选择了有效的升级路径时，才可以单击“下一步”按钮。

Upgrade Licenses

STEP 1 Select Licenses | STEP 2 Review

Choose the quantity of upgrade licenses, and the current licenses to be replaced:

Upgrade To: BAT_Upgrade1

Quantity:
Must be between 1 and 20
Available: 20

To Virtual Account:

Option	Upgrade To	Replaces Current (In Virtual Account "VA_Upgrade")
<input checked="" type="radio"/>	BAT_Upgrade1 Quantity: 15 First Expires: 2018-Nov-30 (3 months and 2 days) see all dates	Testonly_q2fy14_smart_desc Quantity: 15 First Expires: 2019-Feb-18 (5 months and 21 days) see all dates

i The tags assigned to the current licenses are not automatically assigned to the upgrade licenses.

资产 - 许可升级

7 在步骤2：检查中，系统将显示向导页面。

8 核查信息，然后点击提交按钮。

Upgrade Licenses

STEP 1 ✓ Select Licenses | STEP 2 Review

Confirm the licenses to be upgraded and replaced

In Virtual Account: Accounting

Upgrade To:

3900 - Universal	Quantity: 9
	Quantity: 4 Expires: 6/4/18 (1 year, 17 days)
	Quantity: 5 Expires: 6/14/18 (1 year, 27 days)
3900 - Vitus Clampus	Quantity: 10
	Expires: 6/4/18 (1 year, 17 days)

Licenses Replaced:

These will be removed from your inventory

3900 - Adipiscing Eilt	Quantity: 5
	Expires: 6/4/17 (8 days)
3900 - Consectetur	Quantity: 10
	Quantity: 1 Expires: 6/4/17 (7 days)
	Quantity: 4 Expires: 6/14/17 (32 days)
	Quantity: 5 Expires: 6/14/17 (1 month, 4 days)
3900 - Dolor Est	Quantity: 25
	Expires: 6/4/17 (32 days)
3900 - Fetic Mochie	Quantity: 25

Cancel Back **Submit**

资产 - 许可升级

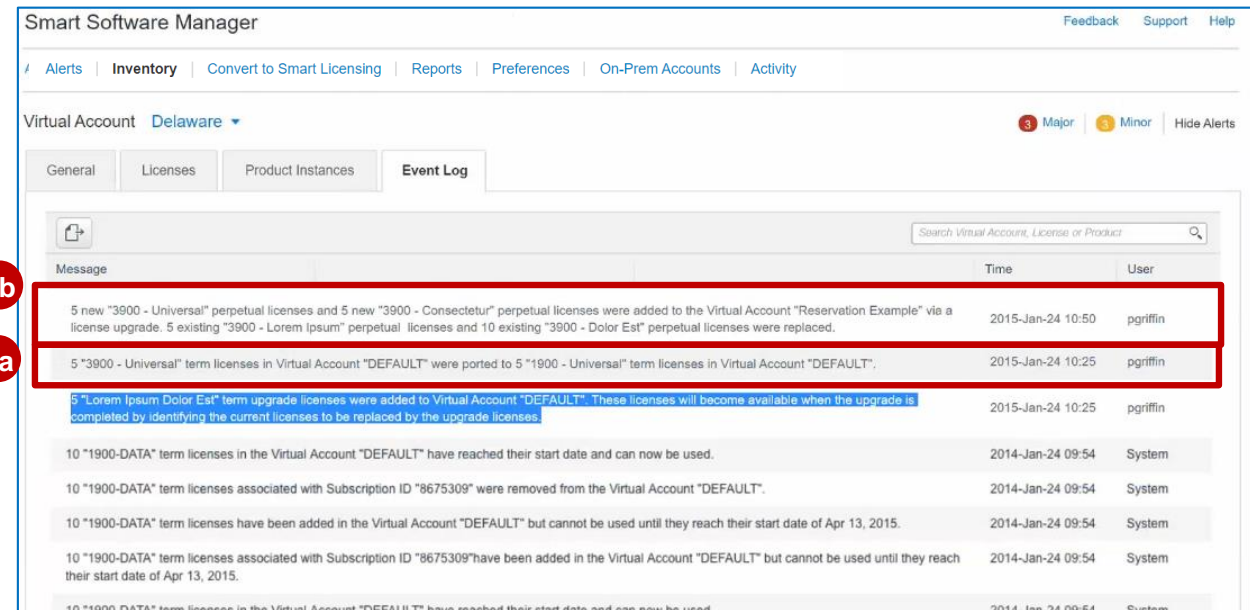
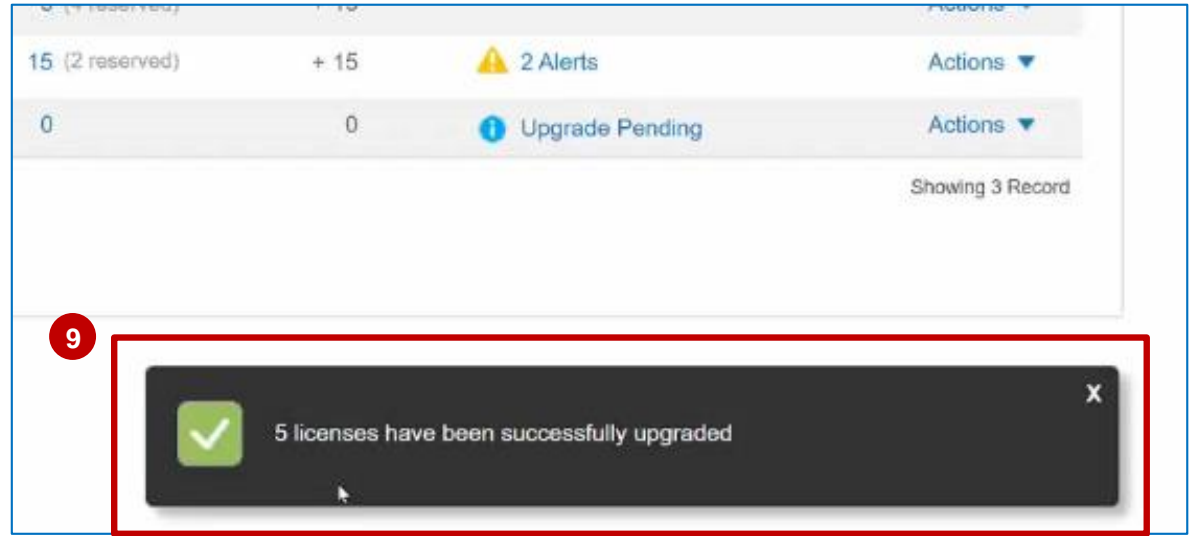
9 成功完成升级过程，您会看到截图显示的信息。

根据您选择的升级路径，授权会被存放到许可证资产中。不论从哪种授权升级而来，都会被从许可证资产和虚拟账户中移除。

另外，事件日志选项卡会生成一个事件。

9a 如果您在这一过程中改变了虚拟账户，那么这会被添加到事件日志中。

9b 当许可证通过更新添加到虚拟账号的时候，也会有一个事件产生。



资产 - 许可升级

10 当您查看信息的时候，会注意到有些实例没有数量。这是由于多个用户同时升级造成的。

这种情况，您点击**提交**按钮，会有错误提示信息。截图展示的就是这一信息。

您需要点击**重新开始**链接，以从头开始这个流程。

The screenshot shows a web interface for upgrading licenses. At the top, there are two steps: 'STEP 1 Select Licenses' (completed) and 'STEP 2 Review' (current step). A red box highlights an error message: 'The license upgrade failed because the number of licenses available in your account has changed. This usually occurs when a recent transaction changes the number of available licenses. Click the Start Over link to see the current list of available licenses.' Below the error message, there is a section titled 'Confirm the licenses to be upgraded and replaced'. This section contains two main parts: 'Upgrade To:' and 'Licenses Replaced:'. The 'Upgrade To:' part lists two license types: '3900 - Universal' with a total quantity of 9 (broken down into 4 and 5) and '3900 - Vitus Clampus' with a quantity of 10. The 'Licenses Replaced:' part lists two license types: '3900 - Adipiscing Elit' with a quantity of 5 and '3900 - Consectetur' with a quantity of 10 (broken down into 1, 4, and 5).

Upgrade To:	
3900 - Universal	Quantity: 9 Quantity: 4 Expires: 6/4/18 (1 year, 17 days) Quantity: 5 Expires: 6/14/18 (1 year, 27 days)
3900 - Vitus Clampus	Quantity: 10 Expires: 6/4/18 (1 year, 17 days)

Licenses Replaced:	
These will be removed from your inventory	
3900 - Adipiscing Elit	Quantity: 5 Expires: 6/4/17 (8 days)
3900 - Consectetur	Quantity: 10 Quantity: 1 Expires: 6/4/17 (7 days) Quantity: 4 Expires: 6/14/17 (32 days) Quantity: 5 Expires: 6/14/17 (1 month, 4 days)

附录：仅报告许可证

库存 - 仅报告许可证

仅报告许可证

- ✓ **仅报告许可证**是与硬件捆绑在一起的零美元基本许可证，这些许可证不是通过商业交易单独购买的。
- ✓ **仅报告许可证**可是软件的“基础”组件，包含在硬件的价格中，因此不能单独货币化或产品化。
- ✓ 当用户购买映射到其的仅报告许可证的设备时，在订单完成后，**仅报告许可证**将不会自动流入SSM中的库存池。
- ✓ 只有当用户在SSM中注册产品实例（设备）时，用户才会在设备注册的智能帐户/虚拟帐户中看到库存中消耗的**仅报告许可证**。
- ✓ 删除产品实例将导致永久删除许可证清单中的**仅报告许可证**。
- ✓ **仅报告**如果删除了产品实例，则不会将许可证释放回池中。

库存 - 仅报告许可证

仅报告许可证

1 注册产品实例时，“仅报告”许可证将显示在虚拟帐户的“许可证”选项卡中。

2 在SSM中创建一个条目，因此购买的数量和使用完全相同；永远不会出现盈余或短缺。

The screenshot displays the Cisco Software Central interface for Smart Software Licensing. The breadcrumb trail is "Cisco Software Central > Smart Software Licensing". The page title is "Smart Software Licensing". There are navigation links for "Alerts", "Inventory", "Convert to Smart Licensing", "Reports", "Preferences", "On-Prem Accounts", and "Activity". The virtual account is "Reporting 1". The "Licenses" tab is selected, showing a table of licenses. The table has columns for License, Billing, Purchased, In Use, Balance, Alerts, and Actions. Two licenses are listed: "BAT_Reporting1" and "FP8130-TAMC-LIC=". The "BAT_Reporting1" license has 11 purchased and 11 in use licenses, with a balance of 0. The "FP8130-TAMC-LIC=" license has 20 purchased and 0 in use licenses, with a balance of +20. Red boxes highlight the "Licenses" tab, the "BAT_Reporting1" license row, and the "Purchased" and "In Use" columns for the "BAT_Reporting1" license. A red circle with the number "1" is next to the "Licenses" tab, and a red circle with the number "2" is next to the "BAT_Reporting1" license row.

License	Billing	Purchased	In Use	Balance	Alerts	Actions
BAT_Reporting1	Prepaid	11	11 (11 Reserved)	0		Actions
FP8130-TAMC-LIC=	Prepaid	20	0	+20		Actions

库存 - 仅报告许可证

仅报告许可证

- 1 当您在SSM的“许可证”选项卡中单击“仅报告许可证的许可证名称”时，将显示一条消息：此许可证包含在某些产品中，并在产品实例注册期间自动添加到您的智能帐户。这些许可证只能与使用它们的产品实例一起传输到其他虚拟帐户。

The screenshot shows the Cisco Software Central interface for Smart Software Licensing. A red circle with the number '1' highlights the 'Inventory' tab. A red box highlights the 'FirePower_Reporting' license in the table below. A red arrow points from this license to a 'Virtual Account Usage' chart. The chart shows a blue circle with the number '4' inside, representing the number of licenses in use. Below the chart, a red box highlights an information message: 'This license is included with certain products and is automatically added to your Smart Account during Product Instance registration. These licenses can only be transferred to other Virtual Accounts along with the Product Instances using them.'

License	Billing	Purchased	In Use	Balance	Alerts	Actions
FirePower_Reporting	Prepaid	4	4	0		Actions
FP8270_lic	Prepaid	8	4	+4		Actions

Virtual Account Usage
Purchased: 4 / In Use: 4 / Balance: 0

In Use
100%

License Types

Count	Type	Reserved	Start Date	Expiration Date	Subscription ID
4	Perpetual	4	-	-	-

库存 - 仅报告许可证

仅报告许可证

- 1 您将无法在虚拟帐户之间传输“仅报告”许可证。如果您尝试这样做，将显示错误消息。

这是因为仅报告许可证已锁定到产品实例，并且只能在传输产品实例时进行传输。

Cisco Software Central > Smart Software Licensing

Virtual Account: AK

License	Billing	Purchased	In Use	Balance	Alerts	Actions
FirePower_Reporting	Prepaid	4	4	0		Actions
FP8270_lic...	Prepaid	8	4	+4		Transfer..

Showing All 2 Records

Cisco Software Central

Smart Software Licensing

Virtual Account: AK

Unable to Transfer

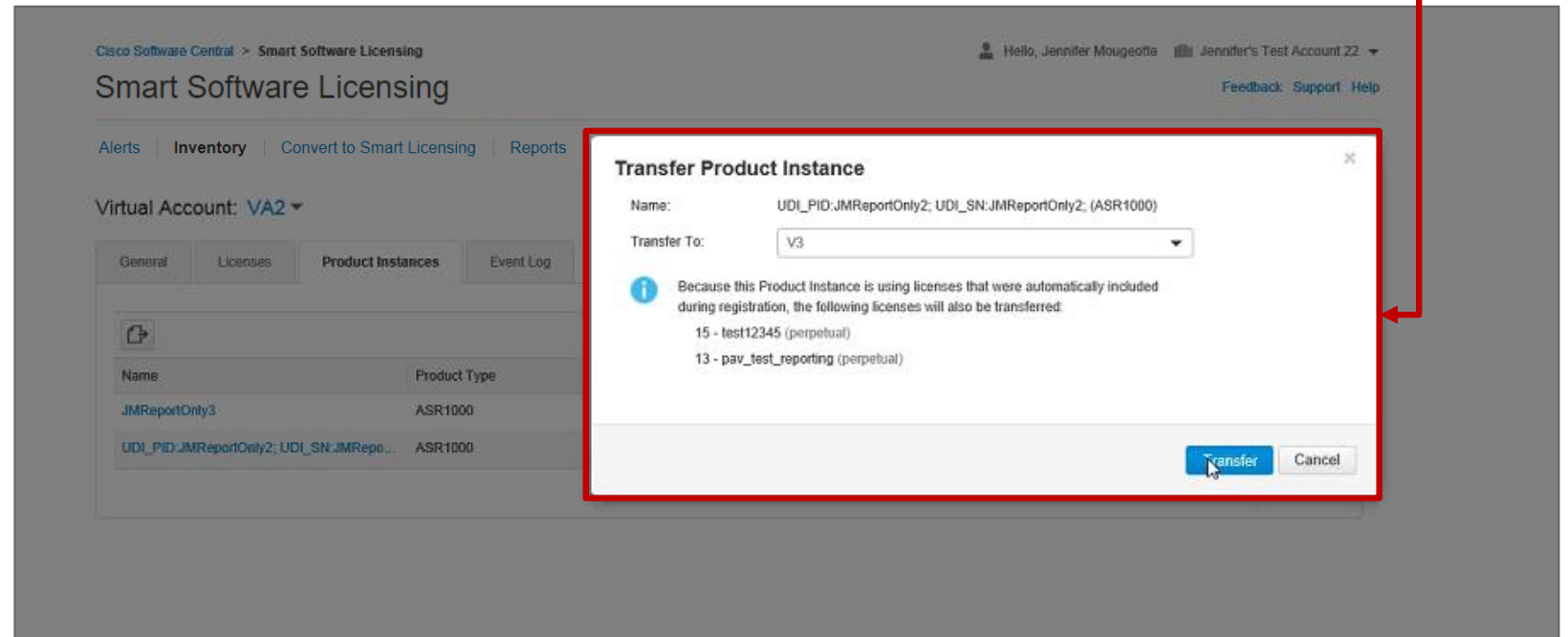
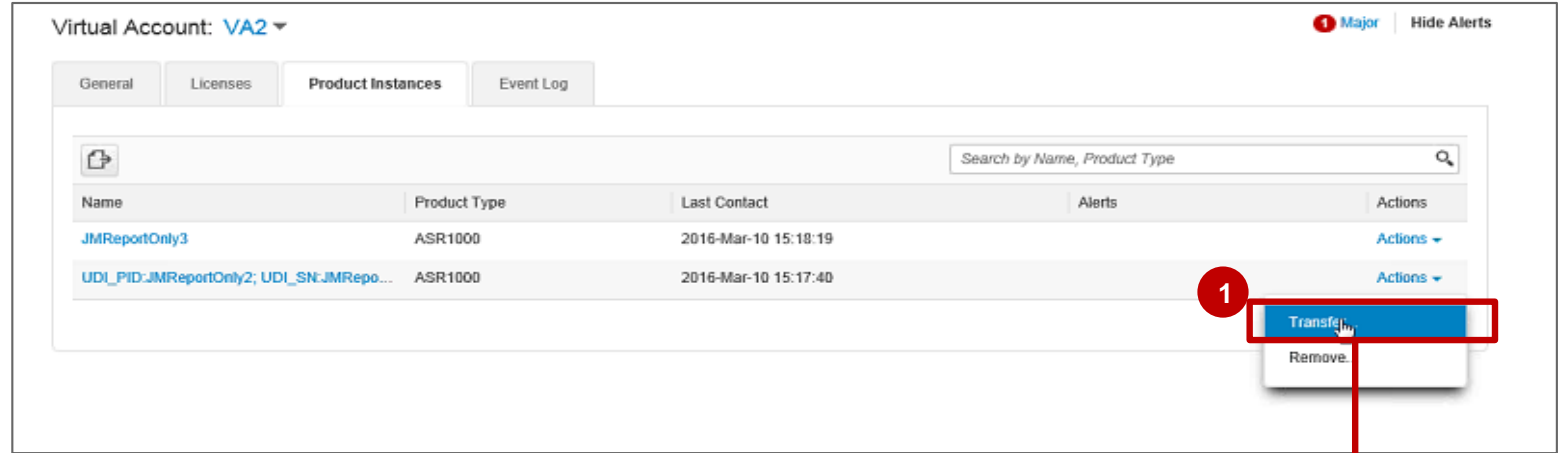
The selected license "FirePower_Reporting" is included with particular product types and can only be transferred with the Product Instances that are using them

OK

库存 - 仅报告许可证

仅报告许可证

- 1 在“产品实例”选项卡中，您可以将产品实例从一个虚拟帐户转移到另一个虚拟帐户，即使它们具有“仅报告”许可证。



版本历史记录(2019年2月)

幻灯片页码	详细信息	Release
52, 54	微小的变化： 您可以向清单添加许可证：您有权在映射到该产品时使用的许可证。	2019年2月

版本历史记录(2019年6月)

幻灯片页码	详细信息	Release
37, 38, 39	关于更改虚拟帐户分配的三个新幻灯片（将许可证订阅从一个VA复制到另一个VA）。	N/A
102	后端通信通道和端口	更新了幻灯片
62 63	SS M许可证层次结构	2019年6月30日

版本历史记录(2019年8月)

幻灯片页码	详细信息	Release
102	更新授权后端	N/A
9, 19, 94, 95	尽可能使用SSM On-Prem替换SSM Satellite	N/A

版本历史记录(2019年12月)

幻灯片 #	详细信息	更新日期
66, 68	许可证转换增强, 设备类型	2019年12月6日
95	小更改, 与SSM中的On-Prem有关	2019年12月
15, 17, 18, 19, 20, 21, 22, 23, 25, 26, 30, 31, 32, 33, 34, 37, 38, 39, 40, 44, 51, 52, 53, 54, 55, 56, 59, 60, 62, 64, 65, 67, 71, 73, 74, 75, 76, 92, 93, 94, 96, 97, 106, 107, 112, 113, 123, 124, 125	虚拟聊天助手更新导致的截图更新	2019年12月13日
98	关于虚拟聊天助手的更新	2019年12月13日
67	设备主导型转换——截图更新	2019年12月13日
72, 73, 74, 75, 76, 77, 78, 79	设备主导型转换——幻灯片更新和添加新的幻灯片	2019年12月13日

版本历史记录(2020年2月)

幻灯片 #	详细信息	更新日期
103	为虚拟聊天助手更新布局（更新的屏幕截图）。	2020年2月14日

版本历史记录(2020年5月)

幻灯片 #	详细信息	更新日期
57, 97, 105	修改了服务支持团队的联系方式	2020年 5月