

# Register a Smart Software License on an RV34x Series Router

## Objective

The objective of this document is to show you how to generate a product instance token and register a Smart Software License on an RV34x Series Router.

At the time of publication, the only Cisco Business license that requires a Smart Account is the Security License. This license uses Intrusion Protection System (IPS) and Antivirus for Web and Application Filtering.

Click if you prefer to use [Cisco Umbrella](#) for your network security.

Click if you are looking for information on [AnyConnect Licensing](#) for your VPN.

## Applicable Devices | Software Version

- RV34x Series | 1.0.03.20

## Introduction

Cisco Smart Software Licensing is used to purchase, deploy, track, and renew Cisco Software. It provides visibility into license ownership and consumption through a single, simple user interface.

A Smart License account is required to establish the authority of you, the user, to represent your organization in respect to license management. In other words, Cisco needs to make sure the person managing the licenses is the appropriate person responsible. That typically applies to the person in charge of the network. Cisco partners may not authorize account creation on behalf of customers.

The creation of a new Smart Account is a one-time event and subsequent management of users is a capability provided through the tool.

The Cisco RV34x Series Router comes with a 90-day license evaluation period that allows you to experience the advanced security features of the router. Once this evaluation period ends, you must purchase a security license if you want to continue to use these security features.

## Create a Cisco Account

If you already have an account, move to the next section of this article.

If you do not have a Cisco Connection Online Identification (CCO ID), go to [Cisco.com](#). Click the **person icon** and then **Create an account**.

1

## Have an account?

- ✓ Personalized content
- ✓ Your products and support

Log In

[Forgot your user ID and/or password?](#)

[Manage account](#)

[My Cisco](#)

## Need an account?

[Create an account](#)

2

[Help](#)

Enter the required details to create the account and click **Register**. Follow the instructions to complete the registration process.



## Create Account

Already have an account? [Sign In](#)

1

Registration form with fields for Email, First Name, and Last Name.

# Create a Smart License Account

When you access your general Cisco account using your CCO ID, you may be greeted by a message to create a Smart License account.

**Important News** ✕

**It's time to sign up for a Smart Account**

Easily view, store, and manage all your licenses.  
Customize your account to match your organization.  
Licenses are automatically added to your account when ordering.  
**Smart Accounts are required to use Smart Licensing.**

[Get a Smart Account](#) [Learn More](#) [Not Now](#)

If you haven't seen this pop-up, you can click to be taken to the [Smart License Account creation page](#). You may need to log in with your CCO ID credentials.

For additional detail on the steps involved in requesting your Smart Account, click [here](#).

Be sure to take note of your account name along with other registration details.

**Quick Tip:** If you are required to enter a domain and you do not have one, you can enter your email address in the form of name@domain.com.

It is very important that you have a CCO ID and a Cisco Smart Account before purchasing the security license.

## Purchase Smart Licenses

When purchasing a smart license for a router, the vendor needs to move the unique license ID to your Smart License account. If you do not have a Cisco vendor, you can locate one [here](#).

Below is a table of the necessary information that will be asked when purchasing the bundles.

Information Required	Locating the information
Cisco.com User ID	Located in your account profile, or you can click <a href="#">here</a> . It is best to have created your smart account prior to purchasing the license.
Smart License Account Name	This should be step 8 of the <a href="#">Smart License Account Creation</a> article.
Smart License SKU	The product identification code for the device. Ex. RV340-K9-NA

There are two different forms of the security license for purchase, the 12 month with renewal and the 12 month flat fee.

- LS-RV34X-SEC-DEV

- LS-RV34X-SEC-1YR

## What if I've purchased the license but it doesn't appear in my account?

If you've purchased a license but it is not appearing in your virtual account, follow up with the Cisco vendor to request they make the transfer.

To make the process as expedient as possible, you will need the credentials in the table above as well as those outlined below.

<b>Information Required</b>	<b>Locating the information</b>
License Invoice	This should be emailed to you after completing the purchase of the licenses.
Cisco Sales Order number	You may need to go back to the reseller to get this.
Screenshot of your Smart Account license page	Taking a screenshot captures the contents of your screen for sharing with our team. If you're unfamiliar with screenshots you can use the below methods.

## Screenshots

Taking a screenshot is a method of capturing an image of the contents of your screen. It provides a "user's POV". The steps involved vary whether you are using a Windows or MAC OS. Mobile devices also have built-in functions for easily creating screenshots.

Given differences in the procedure to capture a screenshot, see below for links specific to your operating system.

- [Windows](#)
- [Mac](#)
- [iPhone/iPad](#)
- [Android](#)

Navigate to your Smart License account page, then click **Smart Software License page > Inventory > Licenses**.


Cisco Software Central > Smart Software Licensing 1

English [ Change ] | Hello, [ User ] | Cisco Demo Customer Smart Account

## Smart Software Licensing


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

Alerts 2 [Inventory](#) | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [Satellites](#) | [Activity](#)


Questions About Licensing?   
[Try our Virtual Assistant](#)

Virtual Account: S [ Account ID ] Hide Alerts

General 3 | Licenses | Product Instances | Event Log

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

By Name | By Tag

License	Billing	Purchased	In Use	Balance	Alerts	Actions
	Prepaid		0			Actions ▾
 RV-Series Security Services License	Prepaid		0			Actions ▾
	Prepaid		0			Actions ▾

Showing All 3 Records

Take a screenshot of this page and keep for reference.


## Generate Token

The registration token links your routing device to your virtual account, acting as a key in unlocking your device's smart license functionality.

Step 1. To generate a token, navigate to your [Smart Software License](#) account. Then click **Inventory > General**. Click on the **New Token...** button.

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Alerts 1 [Inventory](#) | [Convert to Smart Licensing](#) | [Reports](#) | [Preferences](#) | [Satellites](#) | [Activity](#)

Questions About Licensing?   
[Try our Virtual Assistant](#)

Virtual Account: [ Account ID ] Hide Alerts

General 2 | Licenses | Product Instances | Event Log

**Virtual Account**

Description:

Default Virtual Account: No

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**Product Instance Registration Tokens**

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

3 New Token...

Token	Expiration Date	Uses	Export-Controlled	Description	Created By	Actions
ZmE2 [ Token ID ]	2019-Mar-08 19:07:30 (in 8 ...)		Allowed	Test token - rv340	[ User ]	Actions ▾
MTIz [ Token ID ]	2019-Mar-08 17:41:45 (in 8 ...)		Allowed	Test Token 1-2019	[ User ]	Actions ▾
ZDE [ Token ID ]	2020-Feb-06 17:18:54 (in 34...)	1 of 5	Allowed	Token	[ User ]	Actions ▾

The token will be expired when either the expiration or the maximum uses is reached

Showing All 3 Records

Step 2. A *Create Registration Token* window opens. Enter a **Description**, **Expire After**, and **Max. Number of Uses**. Then press the **Create Token** button.

30 days for *Expire After* is recommended. The expiration is a security measure. If a token has too long of an expiration date, any person who knows the token could use it. This would consume licensing from your account. If a license isn't used and the expiration date for the token has passed, a new token can be created and used.

## Create Registration Token



This will create a token that is used to register product instances, so that they can use licenses from this virtual account. Once it's created, go to the Smart Licensing configuration for your products and enter the token, to register them with this virtual account.

Virtual Account:

Description :

1

Test

\* Expire After:

2

30

Days

Between 1 - 365, 30 days recommended

Max. Number of Uses:

3

1

The token will be expired when either the expiration or the maximum uses is reached

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

4

Create Token

Cancel

Step 3. Once the token is generated, you can click the **Token link (blue box with a white arrow)** button to the right of your recently created token.

### Product Instance Registration Tokens

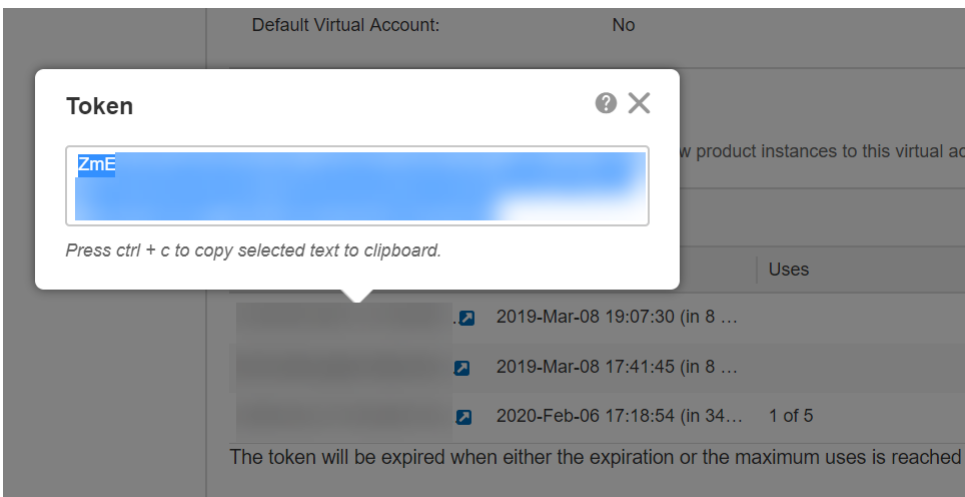
The registration tokens below can be used to register new product instances to this virtual account.

Token	Expiration Date	Uses	Export-Controlled	Description	Created By	Actions
Zm	2019-Mar-08 19:07:30 (in 8 ...)		Allowed	Test token - rv340		Actions ▾
MT	2019-Mar-08 17:41:45 (in 8 ...)		Allowed	Test Token 1-2019		Actions ▾
ZD	2020-Feb-06 17:18:54 (in 34...)	1 of 5	Allowed			Actions ▾

The token will be expired when either the expiration or the maximum uses is reached

Showing All 3 Records

Step 4. A *Token* window should appear with the full token for you to copy. Highlight the token, **right-click** the token and click **Copy** or you can hold down the **ctrl** button on your keyboard and click **c** at the same time to copy the text.



Step 5. Once you have copied your token, you will need to log in to the device and upload the token key in the *License* menu of your device.

Log into the web configuration page of the router.



# Router

cisco

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●●●●●●●●|

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English ▼

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Login

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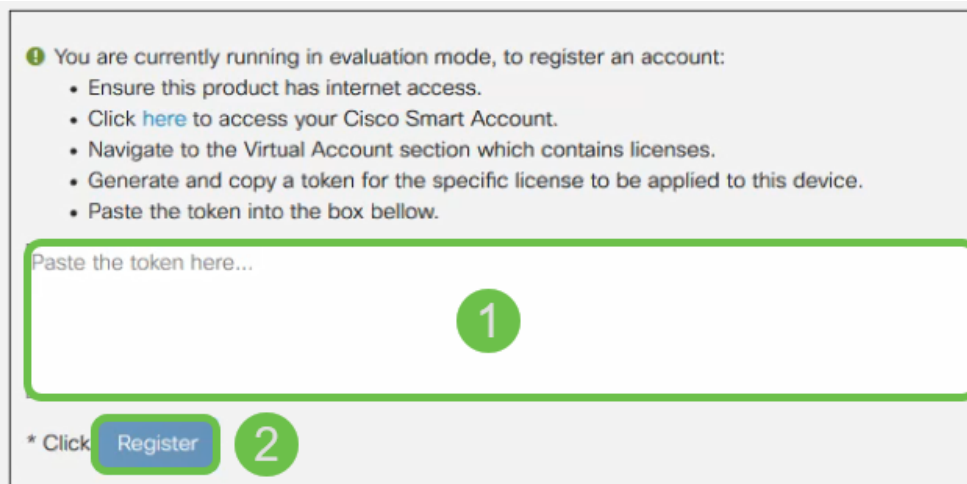
## Step 6. Navigate to **License**.

- Getting Started
- Status and Statistics
- Administration
- System Configuration
- WAN
- LAN
- Routing
- Firewall
- VPN
- Security
- QoS
- Configuration Wizards
- License**

Step 7. If your device is unregistered, your *License Authorization Status* will be listed as

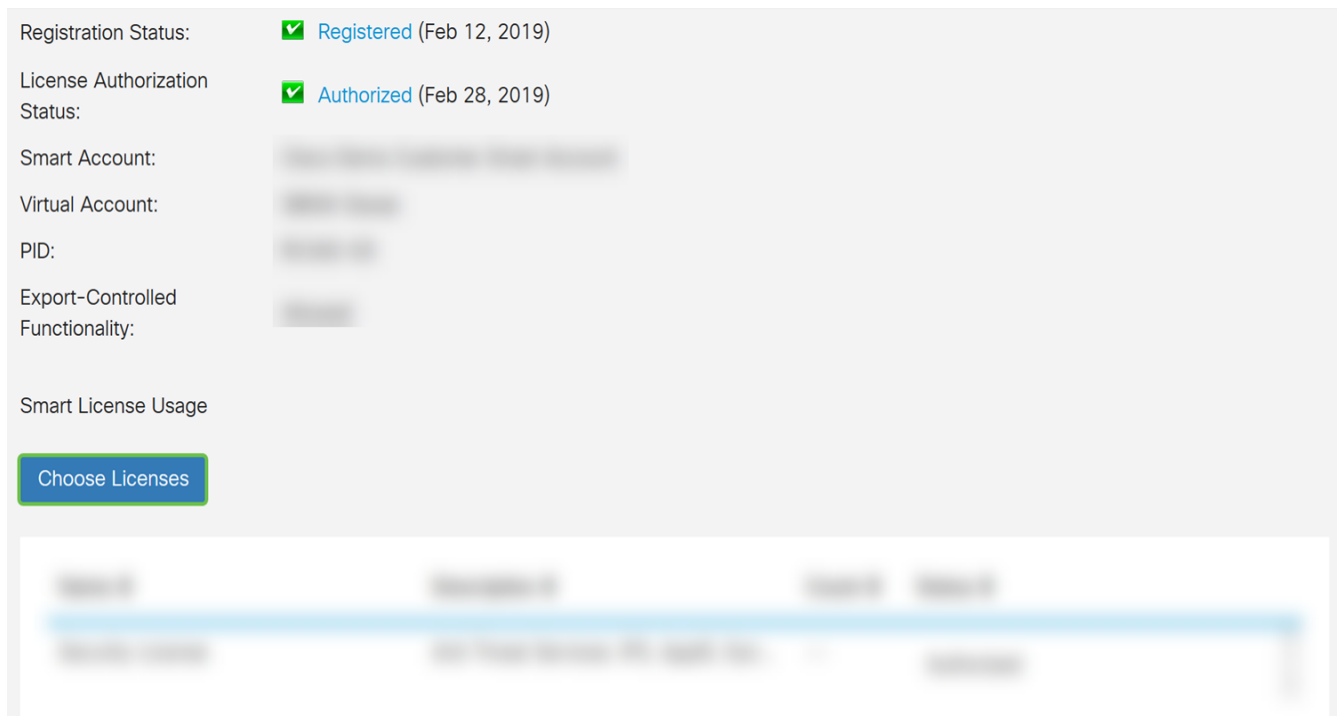
*Evaluation Mode.* Paste the token ([Step 4 of this section](#)) that you have generated from the *Smart Licensing Manager* page. Then click **Register**.

The registration process may take some time, please wait for it to finish.



The screenshot shows a registration interface. At the top, there is an information icon and a message: "You are currently running in evaluation mode, to register an account:". Below this message is a list of five instructions: "Ensure this product has internet access.", "Click here to access your Cisco Smart Account.", "Navigate to the Virtual Account section which contains licenses.", "Generate and copy a token for the specific license to be applied to this device.", and "Paste the token into the box below.". Below the instructions is a large text input field with the placeholder text "Paste the token here...". A green circle with the number "1" is positioned to the right of the input field. Below the input field is a "Register" button, which is highlighted with a green border. A green circle with the number "2" is positioned to the right of the "Register" button. The text "\* Click" is visible to the left of the "Register" button.

Step 8. Once the token is registered, you will need to allocate the license. Click the **Choose Licenses** button.



The screenshot shows the registration status and license usage section. It includes the following information: "Registration Status:  Registered (Feb 12, 2019)", "License Authorization Status:  Authorized (Feb 28, 2019)", "Smart Account:", "Virtual Account:", "PID:", "Export-Controlled Functionality:", and "Smart License Usage". Below this information is a "Choose Licenses" button, which is highlighted with a blue border. Below the button is a table with columns for "License", "Status", "Type", and "Usage". The table contains one row with the following data: "Security-License", "Authorized", "Security-License", and "Usage".

Step 9. The *Choose Smart Licenses* window should appear. Check the license that you have purchased. **Security-License** should be selected. Click **Save and Authorize**.



## Choose Smart Licenses

Choose Smart Licenses to be used by this product. Ensure you have a sufficient number of licenses in the Virtual Account associated with this product, otherwise it will be out of compliance.

Enable	Name (Version)	Description	Count
<input checked="" type="checkbox"/>	Security-License	Anti Threat Services: IPS, ApplID, Dynamic ...	--

2

Save and Authorize Cancel

Step 10. The *Status* of your Security-License should be *Authorized* now.

Name	Description	Count	Status
Security-License	Anti Threat Services: IPS, ApplID, Dyn...	--	Authorized

## Conclusion

You should now have successfully created a smart account, generated a token for your device, and authorized your security license.

If you still have questions, the following article may help: [How to Purchase and Set Up Web Filter Licensing on the RV34x Series Routers](#)

Click the link to watch this video on Smart Accounts: [Cisco Tech Talk: Cisco Zero Touch Deployment Using Smart Accounts](#)

## View a video related to this article...

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