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# Cisco Software: License Portability for Smart and Classic Licenses

**Customers and Partners** 

Agenda



### License Portability - Overview



License Portability is available for Cisco ONE license suites.

#### What is License Portability?

- License portability is a flow that allows you to move your software license suites from one device to another.
- This allows leveraging the existing investment in Cisco software without having to purchase licenses when doing a hardware refresh.
- You can select which suites to port and the old licenses will be replaced with the new licenses.

#### License Portability What is License Portability?

License Portability is available for Cisco ONE license suites.

License portability entitles customers to move their software licenses to a new device.

This allows you to leverage your existing investment in Cisco software without the need to repurchase your licenses when doing a hardware refresh.

Now you can select which licenses to port and then the old licenses will be replaced with new licenses.

For Smart Licenses, requests will be filled via Smart Software Manager (SSM)

For Classic Licenses requests will be filled via License Registration Portal (LRP)

If the license is RTU (Right-to-Use), there is no license transfer process. You can immediately start using the license functionalities on a new device.

Note: The contract management activities will remain manual.

For Smart Licenses, the Cisco Support Team will deactivate the PAK and activate the Smart License entitlement in the Smart Account.

For Classic Licenses, the Cisco Support Team will activate the new Product Activation Key (PAK) and deactivate the old PAK. An email will be sent to contract management to de-link/terminate the old license, add the new line, and close the case.



The table here below lists the Tier definitions according to the **Software Licensing Tool**. Porting your licenses can happen in SSM and LRP. We will discuss the SSM scenario first, then transition to LRP.

Tier Definition Name	License SKU	User Defined Entitlement Name	Suite SKU(s)	Hardware PIDs	Tier#
Cisco ONE	SL-19-IPB-K9	ISR 1900 IP Base	CFPISR1900/K	CISCO1901/K9	0
Cisco ONE	SL-29-IPB-K9	ISR 2911 IP	CFPISR2900/K	CISCO2911/K9	1
Cisco ONE	SL-29-IPB-K9	ISR 2900 IP Base	CFPISR2900/K9	CISCO2901/K9	1
Cisco ONE	SL-39-IPB-K9	ISR 3900 IP Base	CFPISR3900/K9	CISCO3921/K9	2

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- 1 In **SSM**, on the main **Inventory** page, navigate to the **Licenses** tab.
- If you have licenses that are able to be ported, you will see a drop down menu named Actions. Select
   Port from the and the license exchange will begin.

erts Inventory Conve	rt to Smart Licensing   Reports   Pi	references On-Prem Acco	ounts Activity			
tual Account: VA_Port -	oduct Instances					Hide Alerts
Available Actions -	Manage License Tags	servation	Show License	Fransactions	Search by License	By Name By Tag
License	Billing	Purchased	In Use	Balance	Alerts	Advanced Search ~
BAT_Restricted	Prepaid	10	0	+ 10		Actions 👻
-	Prepaid	10	0	+ 10		2 Actions -
➔ ISR_4321_Security				. 40		

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- 3 Another way to Port a License is to click on the actual License in the Licenses tab.
- The License information page will appear. At the bottom of the page, you can click on the Actions menu and click Port.



5 A Port Licenses dialog box will appear.

**Note**: If you have reserved or upgraded licenses, these licenses won't be included in the Quantity available to port.

The license tags assigned to the current licenses are not automatically assigned to the ported licenses.

Choose the Licenses to	) Port
* Port From:	-
* Quantity:	
* Port To:	•
* In Virtual Account:	VA_Port
* Covered By:	-
	A contract that authorizes this action.
The tags assigned	d to the current licenses are not automatically assigned to the
ported licenses.	

- 6 Within the Port Licenses dialog box, there are options to fill in. These include Port From, Quantity, Port To, In Virtual Account, and Covered By.
- 7 Within Port From, there are different options for the user to choose from. They can come from different SKUs and can be perpetual or term. You have the option to select the specific entitlement corresponding to the quantity, SKU, and offer type that the user chooses from.
- Bepending on what option you chose in the Port From menu, the available quantity will change. In this example, you have the option to port a maximum of 4 licenses. The system will not allow you to choose more than 4 licenses and the licenses must be ported in multiples of 2 (based on the SKU mapping).



- 9 Here you can choose the options for Port To. The options available in the drop down menu are based on the tier definition table. You will only display the options to port to licenses that have the same or lower tier based on license mapping in the Software Licensing Tool.
- 10 You can select which **Virtual Account** to port the licenses to.

Port Licenses			×
Choose the Licen	ses to Port		
Port From:	3900-Alpha-Lorem-Ipsum (Per	petual) 💌	
* Quantity:	4 Availabl	e: 4	
	Must be ported in multiples of 2		
* Port To:			
In Virtual Account:	2800-Alpha-Lorem-Ipsum		
Covered By:	2900-Alpha-Lorem-Ipsum (SKL 2900-Alpha-Lorem-Ipsum (SKL	I: C2900-IPSERV-SRE/K9) I: C2900-IPSERV-PSRE/K9)	
	Port Licenses Choose the Lice	nses to Port	×
	* Port From:	3900-Alpha-Lorem-Ipsum (Perpetual)	•
	<sup>a</sup> Quantity:	4 Available: 4	
	Port To: 10	1900-Alpha-Lorem-Ipsum	•
	* In Virtual Account	Accounting	
	* Covered By:	Development Finance	
		Legal	OK Cancel



Finally, you need to select a contract that the ported license will be covered by. The contracts displayed are based on the Entitlement Base service and the Port From value selected.

- 11 Select a contract and click OK. All of the contracts based on the CCO ID and the Suite SKU will be returned by the Entitlement Base service.
- 12 If there are no errors, you will see a success message.

Port Licenses				×
Choose the Licen:	ses to Port			
Port From:	3900-Alpha-Lorem-Ipsum (Perpetual)	٠		
• Quantity:	4 Available: 4			
	Must be ported in multiples of 2			
* Port To:	1900-Alpha-Lorem-Ipsum	•		
* In Virtual Account:	Accounting	•		
Covered By:	<i>b</i>			
		Search		
	Contract 86625249 Expires: 3-Jun-2018 (17 days) Available: 10 GUID: Acme Corp.		ОК	Cancel
	Contract 85682524 Expires: 4-Jul-2018 (48 days) Available: 8 GUID: Acme Corp.			
	Contract 88763553 Expires: 10-Sep-2020 (2 years, 51 days) Available: 25 GUID: Beta Corp.			



4 licenses have been successfully ported

13 You will also be able to see the successful porting in the **Event Log**.

	Protection	-			Contract of the		
eneral Licenses	Product Instances	Event Log					
ŀ				Sosrch Vi	tual Account, License or Produ	bor	0
Message					Time	User	
5 new "3900 - Universal" license upgrade, 5 existin	perpetual licenses and 5 new a "3900 - Lorem Ipsum" perce	"3900 - Consectetur" perpetua itual licenses and 10 existing "	licenses were added to the Virtual Account "Reservation Exan 3900 - Dolor Est" perpetual licenses were replaced.	nple" via a	2015-Jan-24 10:50	pgriffin	
5 "3900 - Universal" term	licenses in Virtual Account "D	EFAULT" were ported to 5 *190	0 - Universal" term licenses in Virtual Account "DEFAULT".	Þ	2015-Jan-24 10:25	pgriffin	
5 "Lorem losum Dolor Est	" term upgrade licenses were	added to Virtual Account "DEE	AULT". These licenses will become available when the upgrad				
completed by identifying t	he current licenses to be repla	iced by the upgrade licenses.		B 15	2015-Jan-24 10:25	pgriffin	
completed by identifying t 10 *1900-DATA* term licen	he current licenses to be repla ses in the Virtual Account *DE	FAULT" have reached their sta	rt date and can now be used.	8 15	2015-Jan-24 10:25 2014-Jan-24 09:54	pgriffin System	
completed by identifying 1 10 *1900-DATA* term licen 10 *1900-DATA* term licen	he current licenses to be repla ses in the Virtual Account "DE ses associated with Subscript	iced by the upgrade licenses. FAULT* have reached their station ID *8675309* were remove	rt date and can now be used. d from the Virtual Account "DEFAULT".	8 15	2015-Jan-24 10:25 2014-Jan-24 09:54 2014-Jan-24 09:54	pgriffin System System	
completed by identifying t 10 *1900-DATA* term licen 10 *1900-DATA* term licen 10 *1900-DATA* term licen	he current licenses to be repla ses in the Virtual Account "DE ses associated with Subscript ses have been added in the V	FAULT* have reached their station ID *8675309* were remove	rt date and can now be used. d from the Virtual Account "DEFAULT". cannot be used until they reach their start date of Apr 13, 2015	B 15	2015-Jan-24 10:25 2014-Jan-24 09:54 2014-Jan-24 09:54 2014-Jan-24 09:54	pgriffin System System System	
completed by identifying 1 10 *1900-DATA* term licen 10 *1900-DATA* term licen 10 *1900-DATA* term licen 10 *1900-DATA* term licen their start date of Apr 13, 2	he current licenses to be repla ses in the Virtual Account "DE ses associated with Subscript ses have been added in the V ses associated with Subscript 015.	Inced by the upgrade licenses. FAULT* have reached their station ID *8675309* were remove Intual Account *DEFAULT* but ion ID *8675309*have been ad	rt date and can now be used. d from the Virtual Account "DEFAULT". cannot be used until they reach their start date of Apr 13, 2015 ded in the Virtual Account "DEFAULT" but cannot be used until	, they reach	2015-Jan-24 10:25 2014-Jan-24 09:54 2014-Jan-24 09:54 2014-Jan-24 09:54 2014-Jan-24 09:54	pgriffin System System System System	

14 An email is sent to CPS (Customer Service) for them to take the action to update the contract based on the ported licenses.

mart Software Manag	er - License Port A	ctivity		
Account Details				
Account Domain Identifier:	acme.com			
Account Name:	Acme Corporation			
Virtual Account:	Accounting			
CCO ID:	pgriffin			
Activity Details				
Covered By:	Contract 883736354			
Expiration Date:	03-Jul-2018			
Global Ultimate ID:	Acme Corp			
Source System:	Smart Software Man	ager		
Source License	Quantity	Destination License	Quantity	
License SKU: sku-3900-lorem- Suite SKU: C1F13900	ipsum 10	License SKU: sku-1900-lorem-ipsum Suite SKU: C1F11900	10	
License SKU: sku-3900-dolor-est Suite SKU: C1F13900		License SKU: sku-1900-dolor-est		
License SKU: sku-3900-lan-ips Suite SKU: sku-3900-lan-lpsun	ium 10	Suite SKU: C1F11900	15	
		License SKU: sku-1900-at-erat-elit	10	

### Inventory – Errors in License Portability in SSM

- 1 If there is a system error while trying to port licenses, you will see a message asking to cancel and try to port again in a few minutes. If it does not work the second time, you may open a support case.
- 2 If there are no contracts found to cover the licenses that you are trying to port, you will see a different message pop up explaining that you can manage contracts in Cisco Commerce (CCW). You may open CCW or open up a support case.

Please click If you see t	ze, but a system error I k Cancel, and try again his message again, ple	nas occurred. in a few minutes. ase open a support case.	Open a su	oport case	
Choose the License	D				
* Port From:	Port Licenses				
Quantity:	Elicensee subscrip No contr You can the Cisc	s can imply be ported to another tier if a contract or tion authorizes this capability. act was found that covers the licenses to be ported. manage the contracts associated with your account us o Commerce Workspace.	ing	Open Cisco Comm Open a support cas	erce Workspac e
Port To:	Choose the Licen	ses to Port			
In Virtual Account:	Part From:	2000 Alaba Latam Insum (Damatual)			
Covered By:	"Quantity:	Available: 4      Must be ended in multiples of 2			
	Port To:	1900-Alpha-Lorem-Ipsum			
	In Virtual Account:	Accounting	•		
	* Covered By:	Contract 86625249	•		

### License Portability in the License Registration Portal (LRP)

#### License Portability in LRP Overview



License Portability is available for Cisco ONE license suites.

License Portability is a rehost flow which allows Customers to move their licenses from one device to another.

The table on the right lists the scenarios for which license portability may take place.		Sub-Scenario	Description
		a) 1:1 Refresh within same tier of devices	Device refresh with another device in the same tier (e.g., ISR 2901 to 2911)
<ul> <li>Navigating Portability:</li> <li>✓ For Smart Licenses, requests will be filled via Smart Software Manager (SSM)</li> <li>✓ For Classic Licenses requests will be filled via License Registration Portal (LRP)</li> <li>✓ If the license is RTU (Right-to-Use), there is no License transfer process. You can immediately</li> </ul>		b) 1:1 Upgrade to higher-tier of device family	Device refresh with another device in a higher tier (e.g., ISR 1921 to 2911)
		c) 1:1 Downgrade to lower-tier of device family	Device refresh with another device in a lower tier (e.g., ISR 2901 to 1921)
start using the license functionalities on a new device.		d) 1:1 Move to next- generation of device families	Device refresh to a comparable family in the next generation offering (e.g., ISR 19xx to 432x)

#### License Portability in LRP Devices Tab

- 1 Within the Cisco License Registration Portal (LRP), Click the Devices tab.
- 2 Locate the device to port and hover your cursor above the blue arrow to display the drop-down menu.
- Other the second sec



Step 1: Select Devices – Move Licenses from the Source Device.

This window shows the source device that has the licenses to be moved.

 Specify whether you are returning the device: Choose Yes for an RMA. Choose No for a rehost or license portability.

5 Click **Next**.

				Worldwide [cha	nge] Welcome,	Account   Log Out	My Cisco
cisco	Products & Services	Support	How to Buy	Training & Events	Partners		O,
Tools & Resources						L Hello	April Marcal
Product L	icense Regis	tration				Help	Settings
Show: All Licens	es for	-					
Nove Licens	ses Between Dev	ICes					
						-	
S	тер 1		STEP	2		STEP 3	
Se	lect Devices		Select Lice	enses		Review	
Move Licenses	from this Source De	evice					
Source Device							
UDI Version ID:	CISCO2025/K0						
UDI Serial Numbe	013003923/K9						
Family:	ISR G2						
Smart Account:	Unassigned						
Virtual Account:	Yes						
Returning Device	e: <u>VNo</u>						
	Using a Return Material A	uthorization (RMA)					
	5	A NULLEO					
Cancel	Next						

**Step 1: Select Devices – Move Licenses to the Destination Device.** 

6 Click the **Port to another device tier** link.

				Worldwide	change] Welcome	, Account	Log Out	My Cisco
cisco	Products & Services	Support	How to Buy	Training & Events	Partners			Sea
Tools & Resource	S						L Hello	
Product	License Regist	ration					Help	✿ Settings
Show: All Lice	nses for	-						
Move Lice	nses Between Devic	es						
	STEP 1		STEP 2			STEP 3		
	Select Devices		Select License	es		Revie	ew	
Move Licens	ses to this Destination	Device						
Select the de	vice the licenses will be	e moved to.						
UDI Product ID:*		Port to an	other device tier					
UDI Serial Number:*								
Smart Account	Select one	•						
Virtual Account	Select one	¥						
Cancel	Back Next							



This window lists all possible destination devices for porting the licenses.

**7** Choose the destination device by clicking the respective radio button and **8** click **OK**.

Move Licenses Between	n Devices	
STEP <b>1</b> Select Devices	Port to Another Device Tier x The licenses can be ported to these device tiers:	STEP <b>3</b> Review
Move Licenses to this C Select the device the lice	CISCO2921/K9 CISCO3925/K9 CISCO2911/K9 CISCO3945/K9	
UDI Product ID:* UDI Serial Number:*		
Smart Account     Select one       Virtual Account     Select one		
Cancel Back	You must have a contract or subscription that authorizes porting licenses. These can be managed in the Cisco Commerce Workspace	

The UDI Product ID field will populate.

- 9 Enter the **UDI Serial Number**.
- 10 You may also choose a **Smart Account** and **Virtual Account** (optional).

11 Click Next.

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				Worldwide [c	hange] Welcome,	Account   Log Out	My Cisc
cisco	Products & Services	Support	How to Buy	Training & Events	Partners		S
Tools & Resource	S					L Hello	
Product	License Regis	tration				Help	🌣 Settin
Show: All Lice	nses for	-					
Move Licer	nses Between Dev	ices					
	STEP		STEP 2			STEP 3	
:	Select Devices		Select Lice	nses		Review	
Move Licens	ses to this Destination	on Device					
Select the de	vice the licenses will	be moved to.					
UDI Product ID:*	CISCO2911/K9	Port to a	nother device tier				
UDI Serial Number:*							
Smart Account	Select one	•	]				
Virtual Account	Select one	*	]				
Cancel	Back Next	)	-				

12 Step 2: Select Licenses – Select the Licenses to be Moved. This window gives you two license options:

- Choose Individual Licenses for a rehost.
- Choose Suites for license portability.

**Please note:** You must have a valid Cisco contract in order to use the portability feature. If there is no contract, the portability option will not be visible in the drop-down menu.



- 13 Choose the number of licenses to port by clicking the **Quantity to Port** drop-down menu.
- Choose the contract authorization by clicking the Covered By drop-down menu.

Product License Registration						
Show: All Licenses for	-					
Move Licenses Between Devices						
STEP 1 V Select Devices	STEP <b>2</b> Select Licenses	STEP 3 Review				
Move Licenses to this Destination Device						
Select the Licenses to be Moved						
* Licenses: Suites	<b>.</b>					
Cisco ONE Advanced App Services Perpetual						
Source Suite: Cisco ONE Advanced App Services Perpetual Quantity to Port : • Covered By: Destination Suite: Cisco ONE Advanced App Services Perpetual Features:	Cisco ONE Advanced App Services Perpetual  Source Suite: Cisco ONE Advanced App Services Perpetual  Quantity to Port: Covered By: Covered By: Cisco ONE Advanced App Services Perpetual  Cisco ONE Advanced App Services Perpetual					
Source Suite Destination Suite						
securityk9 datak9 Quantity: 1 Quantity: 1						
datak9securityk9Quantity: 1Quantity: 1						
Cancel Back Next						

15 Each suite on the source device will have its own tab. Be sure to choose the quantity of licenses to port and the contract authorization coverage for each tab.

16 Click **Next**.

	STEP 1 ✓ Select Devices	STEP <b>2</b> Select Licenses	STEP 3 Review
Licenses:	Suites	•	
Cisco ONE Fo	undation Perpetual ISR Cisco ON	E Advanced App Services Perpetual	
Source Suite:			
Cisco ONE /	Advanced App Services Perpetual		
Quantity to	Port: 1 🔻		
Quantity to Covered B	Port : 1 • y: 93757905 (07-Feb-2019 (-40 Days))	•	
Quantity to Covered B Destination Sui	Port : 1 ▼ y: 93757905 (07-Feb-2019 (-40 Days)) te:	•	
Quantity to Covered B Destination Sui Cisco ONE /	Port : 1 • y: 93757905 (07-Feb-2019 (-40 Days)) te: Advanced App Services Perpetual	T	
Quantity to Covered B Destination Sui Cisco ONE # Features:	Port : 1 • y: 93757905 (07-Feb-2019 (-40 Days)) te: Advanced App Services Perpetual	•	
Quantity to Covered B Destination Sui Cisco ONE / Features:	Port : 1 • y: 93757905 (07-Feb-2019 (-40 Days)) te: Advanced App Services Perpetual	V	

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Step 3: Review the Licenses to be Moved.

This window displays the details for the source device(s) and destination device, including the respective Product IDs, Serial Numbers, Licenses Being Moved, along with the user name and email address.

17 Review the details and click Submit.

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The portability transaction will be processed and the selected contract and suites will be credited/debited to reflect the correct target suites and quantities and support coverage.



### Customer Support



#### Customer Support Submitting Cases

**Software Licensing Support:** 

If you have support questions about Software Licensing, open a case via **Support Case Manager** (SCM).

To learn more on how to open a case in SCM, click here.

**Product Support: Technical Assistance Center (TAC)** For Technical Support questions, please contact Cisco TAC: <u>Worldwide Support Contacts</u>

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# Version History (April 2019)

Slide #	Details	Release
4	Updated description/introduction to the License Portability topic	April 2019
19 - 27	License Portability in LRP for Cisco ONE	April 2019

# Version History (July 2019)

Slide #	Details	Release
8, 9,	Updated Cisco Software Central page layout (updated screenshots)	July 1st, 2019

# Version History (October 2019)

Slide #	Details	Release
8, 9,	Renaming of the Satellite tab to On-Prem Accounts (in SSM)	September 27th

# Version History (December 2019)

Slide #	Details	Release
8, 9,	Screenshot updates due to the new layout of the Virtual Chat Assistant	December 13th

### Version History (May 2020)

Slide #	Details	Release
5, 29	Modified Support slide and other slides to include Support Case Manager	May 2020