



# Software Licensing Central: Activation, Entitlements, Rehost and Regeneration Guide

August 2019

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## Abstract

This guide explains how to activate your license, view entitlements, rehost a machine and regenerate a key for Dell EMC products. Additional topics covered: conversions, activation as a group, activating multiple Product Serial Number Tags (PSNTs) and product hierarchy.

## Help Guide

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# Content Overview

This document contains information relating to the topics below. To see other information about Software Licensing Central (SLC) and its functions see ***Software Licensing Central: Reporting, Alerts and Help Guide***.

## Standard Activation Process

Step by step process on how to activate your License Activation Code (LAC) using the Activation Wizard. This process can be used for standard orders, software subscriptions or SaaS (Software as a Service) subscriptions. You can activate multiple products at the same time however, you can only activate software products or hardware products in a single transaction – not a combination of both. During the Activation process, the “Select Available Products to Activate” page will display an icon next to each product description, the icon indicates if the item is a software  or hardware  based product.

## Activate-by-File

This activation process involves uploading an activation file, which you must first generate from your Dell EMC product (follow the instructions provided in your application to generate an XML-formatted activation file from your device). Then you can access the Activate-by-File Wizard in Software Licensing Central to activate your software.

**Isilon Note:** If you previously purchased Gen5 hardware and you have upgraded to OneFS version 8.1 or above or are entitled to an upgrade – see “Conversion of Gen5” in this chapter.

## Activate Software Tied to Hardware

These steps describe the process of activating software that is tied to hardware. You can use the standard activation process, but this process is much simpler. It is important to realize you must activate all entitlements and quantities when using this process, no partial activation is allowed.

## Viewing Entitlements

An entitlement is an electronic record which is comprised of the product title, the type, the quantity, the status, and many other characteristics of your acquired software. For many Dell EMC software products, when an entitlement is activated, a license key is generated.

## Viewing Certificates

The certificate for a machine is a record of the installed Dell EMC products. The certificate allows you to manage the installed products by retrieving keys, rehosting, regenerating, or converting licenses. It displays all activity that has occurred on the machine.

## Rehosting Process

Step by Step instructions on how to complete the rehost process using the Rehost Wizard. The rehost process is used to move activated entitlements from one device or machine to another. A rehost may be partial (moving a portion of the entitlements) or full (moving everything on the device or machine).

**Note:** Not all products support the rehost process.

## Regenerate a Key Process

Regenerating the license keys for Dell EMC products installed on a machine allows for any missing or out-of-sync keys to be recreated.

## Tools & Tips

This section discusses various tools and tips available on Software Licensing Central (SLC), including: activation as a group, activating multiple PSNT license files and viewing product hierarchy.

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# Chapter 1 Standard Activation Process

**Note:** At any point before the last step, you can click the **BACK** button to return to a prior step and make changes. Alternatively, you can click **CANCEL** or **Start Over** to return all the way back to the product search page.

## Before You Begin:

To start the activation process— locate the LAC letter/email and click on the **highlighted link**. This will take you to the Software Licensing Central (SLC) website. Remember you may activate multiple products at once but they must all be either software products or hardware products – not a combination.

**DELL EMC SOFTWARE LICENSING CENTRAL**

Site Name: \_\_\_\_\_

To view this letter in other languages, go to the bottom of this message for more information. [\(Japanese日本語\)](#) [\(Chinese中国語\)](#) [\(Korean한국어\)](#)

Dear Dell EMC Customer,

Thank you for choosing Dell EMC software. Your Dell EMC Software License Authorization Code (LAC) is **12QZQYYW0Z7DNC76RST7**. You must redeem this LAC for license keys to activate your software. Protect your LAC like you would any other license key to prevent anyone from improperly activating your software.

**Activating Your Software**

1. [Click here](#) or copy and paste the following URL ([https://licensing-tstui.emc.com/deepink/12QZQYYW0Z7DNC76RST7?TARGET\\_TAGS=](https://licensing-tstui.emc.com/deepink/12QZQYYW0Z7DNC76RST7?TARGET_TAGS=)) into a web browser to activate your entitlements.
2. You will be prompted to log in. (New users should follow the new member registration steps).
3. Follow the on-screen instructions.

**Downloading Your Software**

1. [Click here](#) or copy and paste the following URL (<https://ngtest-ci1.emc.com/downloads/>) into a web browser to download your software.
2. You will be prompted to log into Dell EMC's Online Download Service Center (New users should follow the new member registration steps).
3. Enter the product name in the search field to find the software you wish to download.

**Authorization Code:** 12QZQYYW0Z7DNC76RST7

## Steps:

1. Depending on the product the first step can vary slightly. Either **A) Software Activation** or **B) Hardware Activation**
  - A. **Software Activation:** You should see your company's information and the LAC details. Select the products you want to activate and then click **START THE ACTIVATION PROCESS**.
  - B. **Hardware Activation:** You should be taken directly to the Review step. The Review step will be Step#2 for hardware products. Typically, hardware products are activated as a whole, meaning the entire LAC will be activated entirely and the products are pre-selected and cannot be changed.

**STEP 1: SELECT AVAILABLE PRODUCTS TO ACTIVATE**

18 product(s) found View by **LAC** PRODUCT LINE Show Product Hierarchy

LAC: 67XBYXLBZ98TCY11PQDH  
Site: 4289380 ISABELS DELL 123 S MAIN ST BETHESDA OH US 43719

Select All	Products	Total	Available
<input checked="" type="checkbox"/>	File Level Retention VSA-IC Product # SJ-456-000-930	5	5
<input type="checkbox"/>	UnityVSA SDR STORAGE CAP EXPANSION-IC Product # SJ-456-000-335	5	5
<input type="checkbox"/>	UnityVSA REMOTE REPLICATION-IC Product # SJ-456-000-309	5	5
<input type="checkbox"/>	UnityVSA FAST VP-IC Product # SJ-456-000-335	5	5
<input type="checkbox"/>	Unity VSA Adapter-IC Product # SJ-456-000-330	5	5
<input type="checkbox"/>	File System Events Publishing Product # SJ-456-000-395	5	5

**START THE ACTIVATION PROCESS >**



4. Enter the quantities you wish to activate (it must be less than or equal to the “Available” quantity) along with any prompted details about the machine, then click **NEXT: REVIEW**.

**Note:** The machine details (previously known as “Locking ID’s”) are dynamic and will only request information related to the products being activated. To learn more about what to enter in the “ENTER MACHINE DETAILS” section use the [Machine Details FAQ](#) link.

**STEP 4: ENTER PRODUCT QUANTITIES & MACHINE DETAILS**

Products	Installed	Available	Quantity to Activate ?
<b>PRODUCT LINE: EMC Unity VSA</b>			
File Level Retention VSA=IC Product # SU-456-000-930	0	5	1

**ENTER MACHINE DETAILS** [Machine Details FAQ](#)

\* = field is required

Machine Name: MAYSWAT2016 | [View Summary](#) | [Change Machine](#)

\*System UUID: 11a1111a-aaaa-1a11-a111-aa

[BACK](#) [CANCEL](#) [NEXT: REVIEW >](#)

5. Review your selections and return to any previous steps to make necessary changes. You can add additional email addresses to receive the license key(s) and-or save notes about the transaction. Once you have reviewed the information click **ACTIVATE**.

**Note:** Review your selections thoroughly, once you click the **ACTIVATE** button, the system generates the license key(s).

**STEP 5: REVIEW YOUR SELECTIONS**

The following product(s) will be activated on Machine **MAYSWAT2016** at Site: 4289380 ISABELS DELI 123 S MAIN ST BETHESDA OH US 43719 (License Site Number: 132249908).

[Change Products](#) | [Change Machine](#) | [Change Quantities](#)

Products	Total	Quantity to Activate
<b>PRODUCT LINE: EMC Unity VSA</b>		
File Level Retention VSA=IC Product # SU-456-000-930	5	1

License key files will be emailed to Shannon.Migliaccio@emc.com.

[+ Email to more people](#)

[+ Add notes to this transaction](#)

[BACK](#) [CANCEL](#) [ACTIVATE >](#)



6. This page summarizes your transaction, you can click **HOME** to return to the SLC home page or **ACTIVATE MORE PRODUCTS** to activate other product(s).

**Note:** You must apply the license keys in your environment for the software to be fully licensed for use.

**STEP 6: ACTIVATION COMPLETE**

You must install all license keys to enable use of your product(s).

1 product(s) have been activated on Machine **MAYSWAT2016**.  
License key files have been emailed to Shannon.Migliaccio@emc.com

[PRINT CERTIFICATE](#) [VIEW CERTIFICATE](#)

YOUR NEW KEY FILE(S) ARE LISTED BELOW:

PRODUCT LINE	SOFTWARE ID	License Details
EMC Unity VSA	ELMEUV051623VV	##### # EMC License File # Activation Date: Jun 13, 2019 12:28:53 PM # Activated By: xxSystem xxAdmin # Type:UNSERVED #####

[SAVE TO FILE](#) Unity VSA PE

[HOME](#) [ACTIVATE MORE PRODUCTS](#)

Here you can download, view and save the license keys, however some license keys are generated in an offline process and are not immediately available. You can also view or print the certificate for the machine as long as you have a PDF viewer installed and the pop-up blocker on your web browser is turned off.

# Chapter 2 Activate-by-File

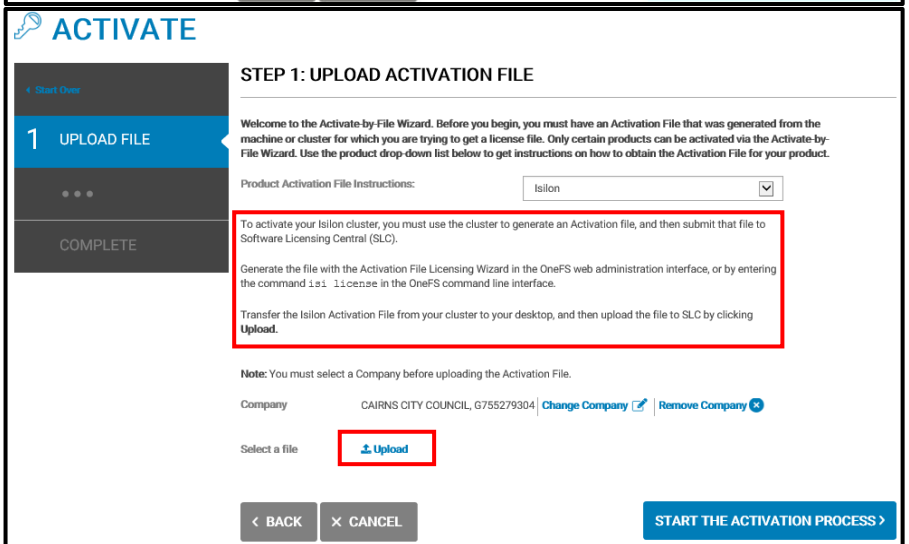
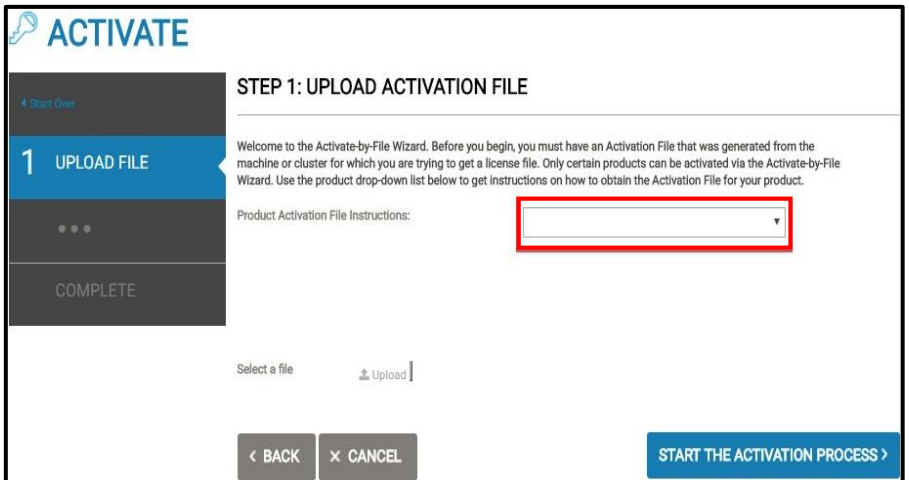
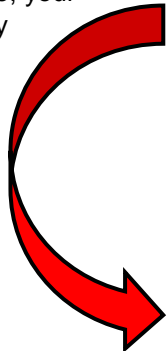
## Before You Begin:

On the SLC home page click **ACTIVATE** in the Main Navigation Menu (the top grey bar) and then **Activate by File**.

**Note:** Only certain products support the Activate by File process – see the Product Activation File Instructions dropdown box for details.



Select your product from the drop-down list. Corresponding instructions will then appear explaining how to obtain an Activation File for your product. Internal Dell users and partners will need to select a company otherwise, your company should automatically default. Once a company has been selected the **Upload** button will become active.



**Note:** Depending on the status of your LAC(s), the menu will become either a three-step or four-step process. This chapter covers the full four-step process, and in both cases Step #2 is optional.

## Steps:

1. Upload your activation file (**\*For Dell EMC partners or employees – you must also provide a company name\***):
  - 1.1 Click **Select a Company**, search and select your company.
  - 1.2 Click **Upload**.
  - 1.3 Navigate to and select your file then click **Open**. The file name appears next to “**Select a file**”. If you selected the wrong file, click **Replace File** and select the correct file.
  - 1.4 Click **START THE ACTIVATION PROCESS**.

The system will verify that your activation file is an XML file and in the proper XML format. If the file fails to meet either of these criteria, then you will be returned to the upload page and an error message displays. Otherwise, the system will proceed to the next step

**ACTIVATE**

← Start Over

**1** UPLOAD FILE

...

COMPLETE

### STEP 1: UPLOAD ACTIVATION FILE

Welcome to the Activate-by-File Wizard. Before you begin, you must have an Activation File that was generated from the machine or cluster for which you are trying to get a license file. Only certain products can be activated via the Activate-by-File Wizard. Use the product drop-down list below to get instructions on how to obtain the Activation File for your product.

Product Activation File Instructions:

To activate your Isilon cluster, you must use the cluster to generate an Activation file, and then submit that file to Software Licensing Central (SLC).

Generate the file with the Activation File Licensing Wizard in the OneFS web administration interface, or by entering the command `isi license` in the OneFS command line interface.

Transfer the Isilon Activation File from your cluster to your desktop, and then upload the file to SLC by clicking **Upload**.

**Note:** You must select a Company before uploading the Activation File.

Company: CAIRNS CITY COUNCIL, G755279304 | [Change Company](#) | [Remove Company](#)

Select a file: activation\_Test.xml | [Replace File](#)

< BACK    X CANCEL    **START THE ACTIVATION PROCESS >**

The following Step 2- Apply LAC, may not appear. If the system can automatically fulfill your request then you will be directed to the review page. However, if the activation quantity cannot be automatically fulfilled, then you will be directed to the Apply LAC(s) page.

- Search and Apply the necessary LAC(s) until the “Quantity Needed to Fulfill Transaction” column contains all zeros. The warning icon ⚠ alerts you that an entitlement(s) is needed. Once a green check mark ✓ replaces the warning sign, this is an indication that you have all the entitlements available to complete your transaction. You may complete the transaction without applying all the entitlements, but you will receive a license key file that is not compliant. Click **NEXT: REVIEW** to continue.

To search for LACs and/or apply the entitlements associated with LACs to your request

This dynamic table allows you to see the status of your request(s) in real time. As you apply a LAC, the table updates

**ACTIVATE**

STEP 2: APPLY LAC

SELECTED LAC(s)

The following products in the activation file could not be matched automatically by the system. There may be additional available entitlements/TLA (Transformational License Agreement) LAC that can be applied to this transaction. Enter a TLA LAC and apply it.

Enter TLA LAC

APPLY

To remove a LAC, hover over the LAC you want to remove. The to the right will turn red click on the red .

No LACs have been selected

**MISSING PRODUCT & QUANTITIES SUMMARY**

This is a summary of the products and quantities were unable to be fulfilled automatically by the system. As you apply LACs, the quantity remaining will be decremented.

WARNING ⚠ To resolve a warning, APPLY TLA LACs.

To continue, click on **NEXT:REVIEW>**

Products	Activation Quantity Requested	Quantity that System cannot Fulfill	Quantity from Selected LAC(s)	Quantity Needed to Fulfill Transaction
ANTIVIRUS	1	1	0	⚠ 1

< BACK    X CANCEL    **NEXT: REVIEW >**

- You can review both tabular summaries (**Transaction Summary** and **Node Details**) of important information and then click **ACTIVATE**.

**ACTIVATE**

STEP 3: REVIEW YOUR SELECTIONS

The following products will be activated on Cluster **00604850b040868ed95c19107c64fd5a555** unless otherwise noted.  
10735796 CAIRNS REGIONAL COUNCIL PO BOX 359 CAIRNS QLD AU 4870 (License Site Number: 134944981)

TRANSACTION SUMMARY    NODE DETAIL

This is a summary of the products and the quantities that are requested in the activation file and quantities that are applied through additional LAC(s) if any

Products	Activation Quantity Requested	Quantity that System cannot Fulfill	Quantity from Selected LAC(s)	Quantity Needed to Fulfill Transaction
ISILON SMARTCONNECT ADVANCED CAPACITY TIER 3	240	0	0	✓ 0
ISILON SMARTQUOTAS TIER 3	4	0	0	✓ 0
ISILON SMARTQUOTAS CAPACITY TIER 3	240	0	0	✓ 0

License key files will be emailed to Shannon.Migliaccio@emc.com.

+ Email to more people

+ Add notes to this transaction

< BACK    X CANCEL    **ACTIVATE >**

4. This last step confirms your acceptance of the Activate-by-File transactions. You can click **HOME** to return to the SLC home page or **ACTIVATE MORE PRODUCTS** to start another activation.

**Note:** The message displayed explains that you will receive a confirmation email that includes a new license file (you must apply this license file to your device) and details of any error or warning messages.

**ACTIVATE**

4 Activate More Products

✓ UPLOAD FILE

✓ APPLY LAC

✓ REVIEW

**4 COMPLETE**

### STEP 4: ACTIVATION COMPLETE

Your Activation File has been accepted and activation processing will be performed offline, as a background job. The file processing will take several minutes. The Transaction ID (**82798**) has been generated as a reference in case you require assistance with this transaction.

Upon completion of the processing of your file, an email will be sent to the following email addresses: [Shannon.Migliaccio@emc.com](mailto:Shannon.Migliaccio@emc.com). The Activation Complete email will include a new license file. You must apply this file to your Isilon Cluster. The email will also include the details of any errors or warnings.

#### TRANSACTION DETAILS

Transaction Id	82798
Activation File Name	activation_Test.xml
Cluster Name	00604850b040868ed95c19107c64fd5a555
User Name	Shannon Migliaccio
Company Name	CAIRNS CITY COUNCIL
Date/Time	2019-07-11 16:09:46

**HOME** **ACTIVATE MORE PRODUCTS**

## Conversions of Gen5:

If you previously purchased Gen5 hardware and you have upgraded to OneFS version 8.1 or above, then you are entitled to a conversion. Configure your cluster via the OneFS administration interface and use the Activate-by-File process to retrieve and activate your license.

Follow the steps above excluding Step #2 Apply LAC. After uploading your file, you should be taken to the Step #3 – Review followed by Step #4 – Completion.

**Note:** Entitlements will be created in the SLC portal upon the successful completion of the activation. *This may take several minutes to appear in the SLC portal.*

# Chapter 3 Activating Software Tied to Hardware

**Note:** This process is only to activate software products that represent a capacity upgrade made after the initial purchase or software products tied to a hardware product.

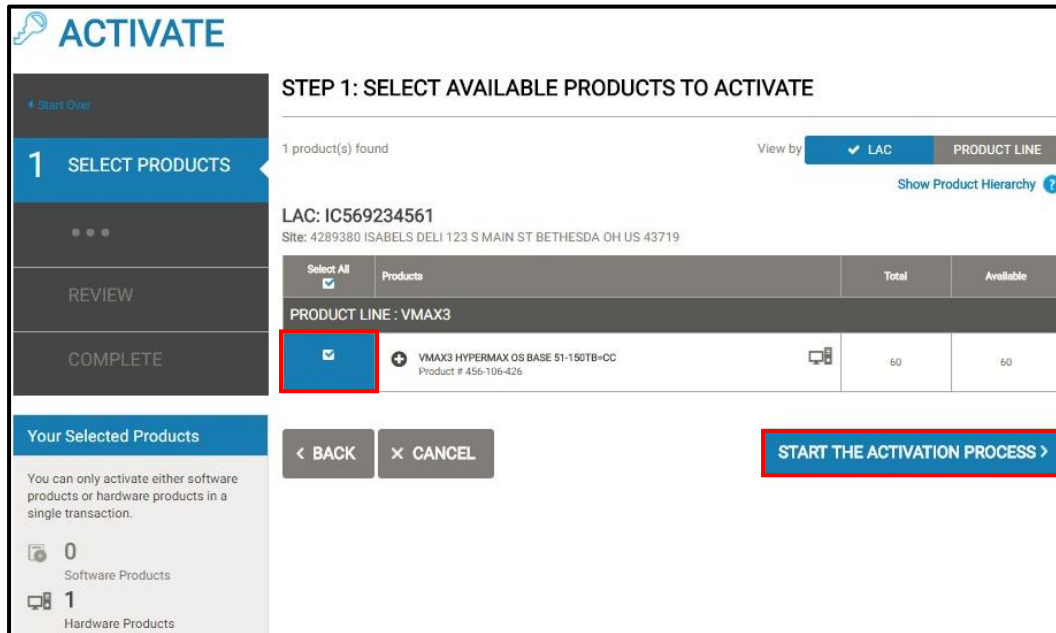
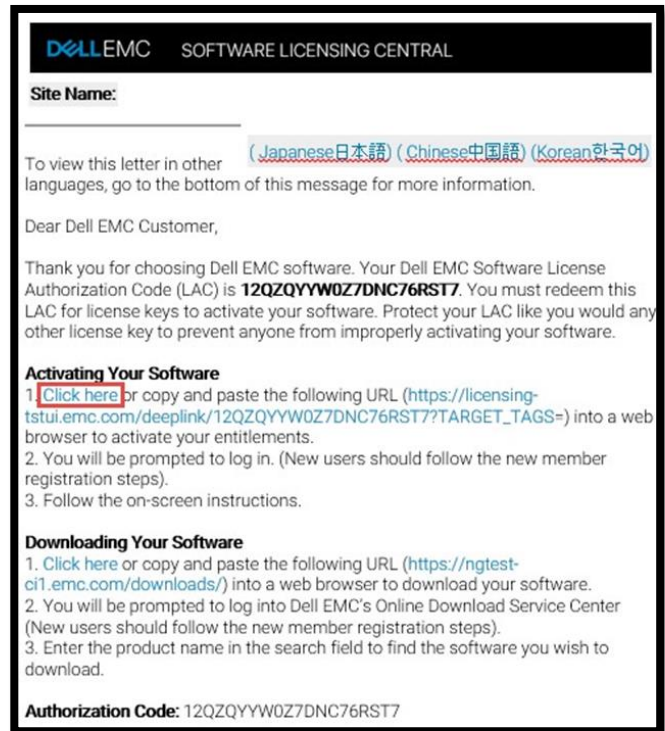
## Before You Begin:

Locate the LAC letter/email and click on the **highlighted link**. This will take you to the Software Licensing Central website.

## Steps:

1. Select the products you want to activate and then click **START THE ACTIVATION PROCESS**.

**Note:** When activating Software tied to Hardware, you are typically required to activate all of the listed products. Therefore, if you try to select just one product, then all of them become automatically selected.



- Review and confirm that the products listed are ones you wish to activate and that the email you want the license key(s) sent to is correct. You may add additional emails to send the license key(s) to and/or record notes about the transaction. Once you have finished reviewing this information click **ACTIVATE**.

**ACTIVATE**

STEP 2: REVIEW YOUR SELECTIONS

The License Authorization Code (LAC) IC569234561 is used as the machine name and product serial number.

The following product(s) will be activated on Machine IC569234561 at Site: 4289380 ISABELS DELI 123 S MAIN ST BETHESDA OH US 43719 (License Site Number: 132249908).

Products	Total	Quantity to Activate
<b>PRODUCT LINE: VMAX3</b>		
VMAX3 HYPERMAX OS BASE 51-150TB=CC Product # 456-106-426	60	60

License key files will be emailed to customer@demo.com.

[+ Email to more people](#)

[+ Add notes to this transaction](#)

[< BACK](#) [X CANCEL](#) [ACTIVATE >](#)

- This page confirms that your license key(s) was generated and instructs you to install your new license key(s). Click **HOME** to return to the SLC home page or **ACTIVATE MORE PRODUCTS** to begin another activation.

**Note:** You can view or save the license key by clicking on [View License Key](#) or **SAVE TO FILE**.

**ACTIVATE**

STEP 3: ACTIVATION COMPLETE

You must install all license keys to enable use of your product(s).

1 product(s) have been activated on Machine IC569234561.  
License key files have been emailed to customer@demo.com

[PRINT CERTIFICATE](#) [VIEW CERTIFICATE](#)

YOUR NEW KEY FILE(S) ARE LISTED BELOW:

<b>PRODUCT LINE: VMAX3</b>	
<a href="#">SAVE TO FILE</a> VMAX V3	<a href="#">View License Key</a>

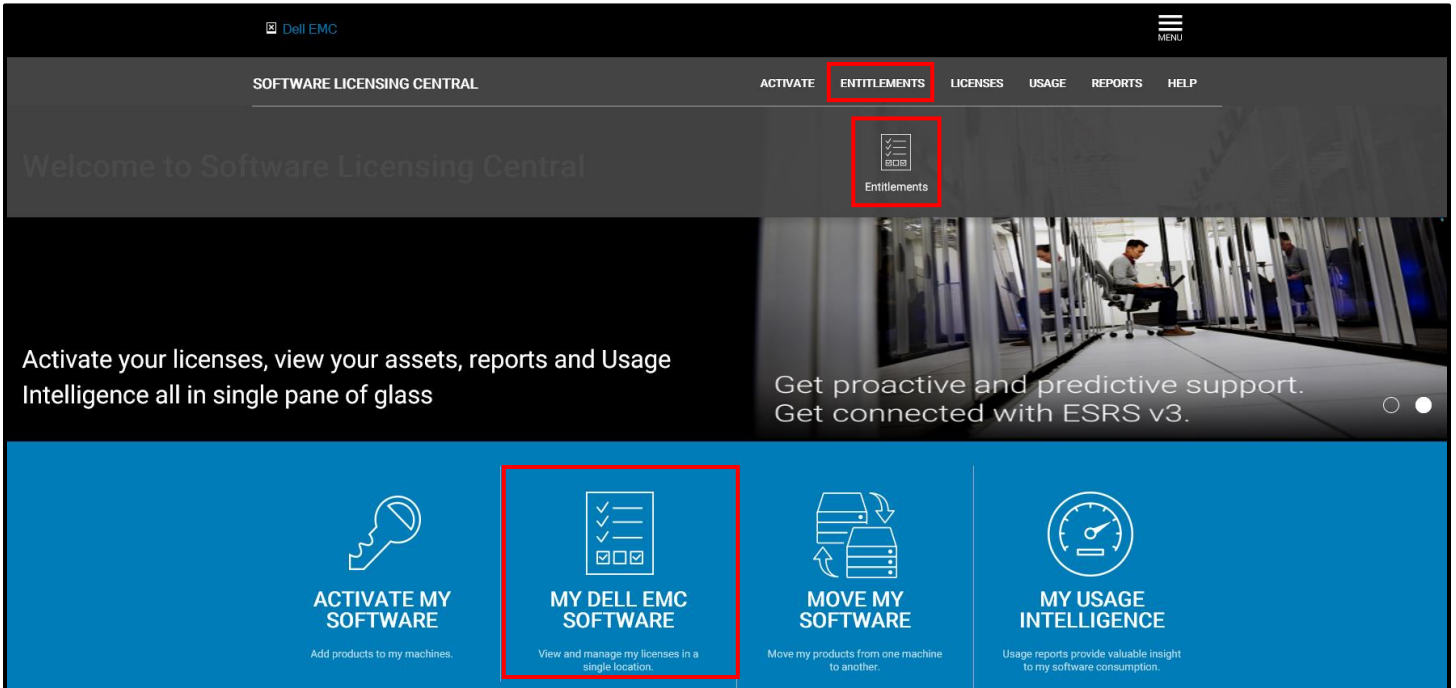
[HOME](#) [ACTIVATE MORE PRODUCTS](#)



# Chapter 4 Viewing Entitlements

## Before You Begin:

Access the SLC home page and click on **Entitlements** in the Main Navigation Menu or **MY DELL EMC SOFTWARE** icon in the bottom blue bar.



## Steps:

1. To view an entitlement, you first need to complete a search. Fill out any of the search criteria and click **SEARCH** or click **VIEW ALL ENTITLEMENTS** to search all entitlements.

**Note:** Only Dell EMC employees and Partners will have the ability to search by company.




2. Click **View** on the entitlement you wish to look at in detail.

You can download up to the first 1,000 entitlements into a CSV formatted file

You can sort the columns by clicking on the arrow icons next to the headers. Additionally, you can go straight to the activation process if available.

VIEW AN ENTITLEMENT					
1-30 of 1000 entitlements		<a href="#">Export</a>	<a href="#">Show Product Hierarchy ?</a>		<a href="#">«</a> <a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a> <a href="#">...</a> <a href="#">»</a>
Entitlement	LAC	Product	Status	Available of Total	Company & Site
13879524 <a href="#">VIEW</a>	ZXFSL53V3R3KFH5MTMHJ	456-004-603: NW AUTOCH SOFTWARE 1-9 SLOTS=IA	Active	0 of 1	ISABELS DELI 15112849 ISABELS BISTRO 123 CENTER ST PLEASANTON CA US 94566
15386167 <a href="#">VIEW</a> <a href="#">ACTIVATE</a>	ZSH8YWHHQ1RGCY6KPYQP	456-110-658: VMAX3 ZDP FOR MF 0-50TB=CA	Available	10 of 10	ISABELS DELI 15112849 ISABELS BISTRO 123 CENTER ST PLEASANTON CA US 94566
17612125 <a href="#">VIEW</a>	ZR.JW2ZWFT5X9X4XFRRZQ	ZTEST_MANUAL: Test Manual Product	Active	0 of 5	ISABELS DELI 4289380 ISABELS DELI 123 S MAIN ST BETHESDA OH US 43719
17612126 <a href="#">VIEW</a>	ZR.JW2ZWFT5X9X4XFRRZQ	ZTEST_AVMR: AVAMAR 1 TB INCR CAPACITY LICENSE	Active	0 of 3	ISABELS DELI 4289380 ISABELS DELI 123 S MAIN ST BETHESDA OH US 43719

3. Here you can view details of the entitlement by clicking on the three table headings, **ENTITLEMENT DETAILS**, **OWNERSHIP** and **ACTIVITY**. The table below shows the information that can be found in each table.

Table Heading	Information Displayed
<b>ENTITLEMENT DETAILS</b>	<ul style="list-style-type: none"> <li>- Additional entitlement details</li> <li>- A list of all machines associated with the entitlement</li> <li>- Ability to view the entitlement's certificate</li> <li>- Under <b>Additional Information</b>, if applicable: Enterprise Agreements, Subscriptions and Product Hierarchy</li> </ul>
<b>OWNERSHIP</b>	<ul style="list-style-type: none"> <li>- Company information</li> <li>- The site and registered user</li> <li>- Coordinators for the entitlement</li> </ul>
<b>ACTIVITY</b>	<ul style="list-style-type: none"> <li>- All transactions associated with the entitlement</li> <li>- To filter the Date field, click on the  icon</li> </ul>

**ENTITLEMENT - 13879524**

NW AUTOCH SOFTWARE 1-9 SLOTS=IA **Active** 1 0  
 Product Name Status Total Amount Entitled Available For Activation

ENTITLEMENT DETAILS OWNERSHIP ACTIVITY

Entitlement Category Software  
 Product Line NetWorker Product # 456-004-603  
 Start Date 2015-08-28 11:56:28.0  
 License Authorization Code (LAC) ZXFSLS3V3R3KFH5MTMHJ

+ Additional Information

**CERTIFICATES ASSOCIATED WITH THIS ENTITLEMENT**

1-1 of 1 certificates

Machine Name	Locking IDs	Qty
SWATSC28	aedec55	1

Clicking VIEW will take you to the View Certificate page and clicking on the machine name will display a pop-up window of the machine details.

**Note:** The following page shows what is displayed when the **OWNERSHIP** and **ACTIVITY** tables are selected, respectively.

## ENTITLEMENT – 13879524

**NW AUTOCH SOFTWARE 1-9**  
**SLOTS=IA**  
 Product Name

**Active**  
 Status

**1**  
 Total Amount Entitled

**0**  
 Available For Activation

ENTITLEMENT DETAILS OWNERSHIP **ACTIVITY**

### COMPANY INFORMATION

**End Company**  
 ISABELS DELI  
 P4289380  
 123 MAIN ST  
 BETHESDA, 20884  
 United States

**Dealer Company**

**Sold To Company**  
 SWAT DISTI COMPANY  
 E00000144  
 123 DISTI DRIVE  
 SANTA CLARA, 95054  
 United States

### REGISTERED USER

189296.1 189296.1  
 123 MAIN ST  
 BETHESDA, 20884 USA  
 United States  
[aw19.1@gmail.com](mailto:aw19.1@gmail.com)

### SITE

15112849 ISABELS BISTRO  
 - 137277265  
 123 CENTER ST  
 PLEASANTON, CA 94566  
 United States

### COORDINATORS

1 - 20 of 63 coordinators

Name	Coordinator Type	Contact
189296.1 189296.1	Site Coordinator	123 MAIN ST BETHESDA, 20884 USA United States <a href="mailto:aw19.1@gmail.com">aw19.1@gmail.com</a>
Basel cust 11 - 50 character first name01234567890 Swat - 50 character last name012345678901234567890	Site Coordinator	123 MAIN ST BETHESDA, 20884 USA United States <a href="mailto:basswacust11@gmail.com">basswacust11@gmail.com</a>

## ENTITLEMENT – 13879524

**NW AUTOCH SOFTWARE 1-9**  
**SLOTS=IA**  
 Product Name

**Active**  
 Status

**1**  
 Total Amount Entitled

**0**  
 Available For Activation

ENTITLEMENT DETAILS OWNERSHIP **ACTIVITY**

### ACTIVITY ASSOCIATED WITH THIS ENTITLEMENT

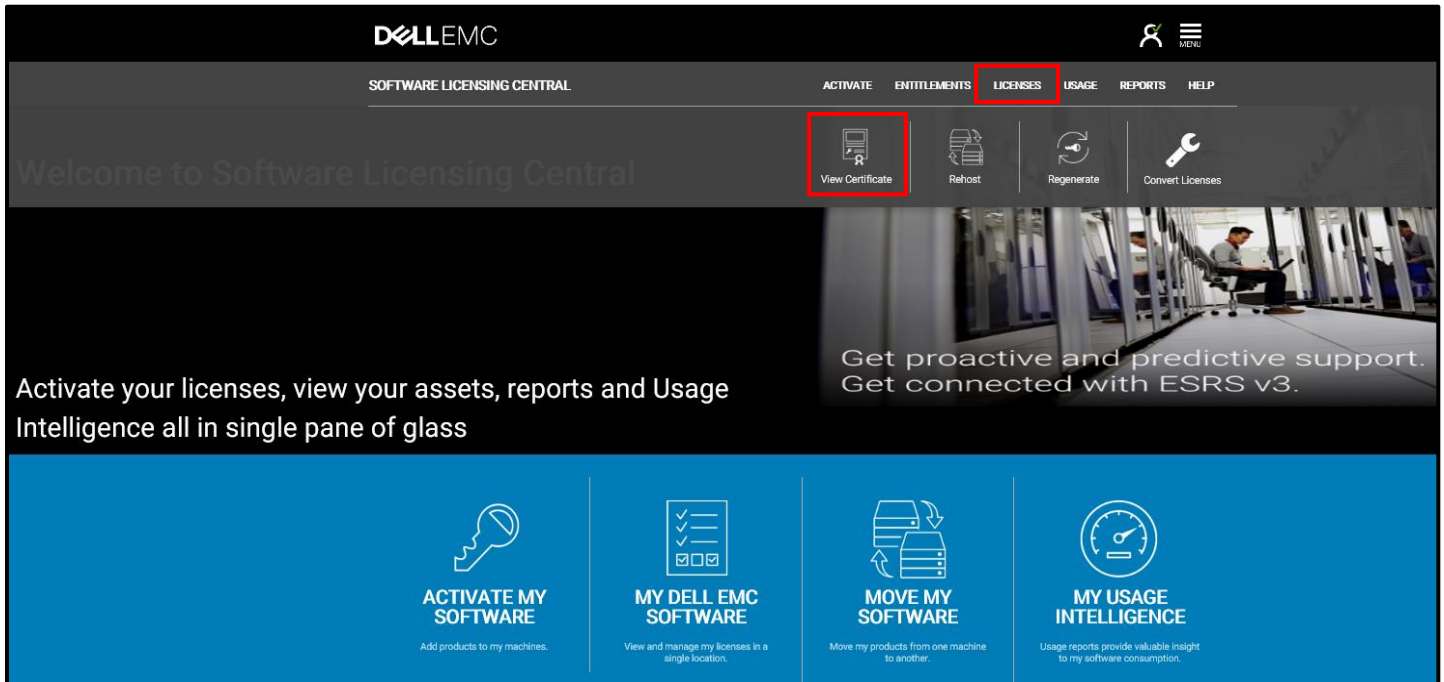
1 - 7 of 7 transactions

Date	Action	Previous Value	Current Value	Update By	Notes
2015-08-29 02:31:24.0	Activation	0	1	Slic cust 01 Swat	
2015-08-29 02:31:24.0	Modified	UNASS	AVAIL	System Admin	
2015-08-29 02:31:24.0	Modified		189296.1 189296.1	System Admin	
2015-08-29 02:31:24.0	Modified		ISABELS DELI	System Admin	
2015-08-29 02:31:24.0	Activation	25979167 SWAT DISTI COMPANY 123 DISTI DRIVE SANTA CLARA CA US 95054-139016844	15112849 ISABELS BISTRO 123 CENTER ST PLEASANTON CA US 94566-137277265	System Admin	
2015-08-28 11:56:28.0	LAC Generation			Bruce Horn	
2015-08-28 11:56:28.0	Creation			Bruce Horn	

# Chapter 5 Viewing Certificates

## Before You Begin:

Access the SLC home page and click on **LICENSE** and then **View Certificate** in the Main Navigation Menu.



## Steps:

1. Search for a certificate using any of the listed search criteria and then click **SEARCH**. **\*Only Dell EMC employees and Partners have the ability to search by company\***. (In this example the LAC was used as the search criteria)

### SEARCH FOR CERTIFICATES [? Search Tips](#)

The certificate for a machine is a record of the installed Dell EMC products. The certificate allows you to manage the installed products (e.g., retrieve keys, rehost, regenerate) and displays all activity that has occurred on the machine.

**All fields are optional**  
% = supports partial search criteria

**License Authorization Code (LAC)**  ?

**Transformational License Agreement ID (TLA ID)**  ?

**Company** [Select a Company](#)

**Machine Name**

**Locking ID**

**Software ID**  ?

[+ Advanced Search](#)

- Find the certificate you are looking for and then click **View**.

**VIEW A CERTIFICATE**

1-30 of 1124 certificates << 1 2 3 4 5 ... >>

Certificate	Machine Name	Locking IDs	Product Lines
<b>VIEW</b> <small>Select an action</small>	<b>(RFC # CHG0134862-2</b> <small>Edit</small>	APM00113456789	EMC Unity
<b>VIEW</b> <small>Select an action</small>	<b>00-24-A4-19-88-27</b> <small>Edit</small>	00-24-A4-19-88-27, 49a4271f-edab-9b14-a798-001c23bb36a5, a1-b1-c1-a2-b2-c2, abcd1223, smoketesting01	Neutrino, PowerPath, PowerPath/VE
<b>VIEW</b> <small>Select an action</small>	<b>0007433277d070674159cd185d9b398db5d5</b> <small>Edit</small>	ECSAD123456704	Elastic Cloud Storage, Isilon
<b>VIEW</b> <small>Select an action</small>	<b>00074336cb103669dd58520556d8b63dcd8a</b> <small>Edit</small>	sadsd, sasad	AlphaStor, Isilon

If applicable, you can also begin other actions like Rehost and Regenerate Keys. Additionally you can view machine details and edit the machine's name.

- While viewing the certificate you can **PRINT CERTIFICATE** and/or **EMAIL CERTIFICATE**. Click on the five table headings (**KEYS**, **PRODUCTS**, **SOFTWARE IDS**, **OWNERSHIP** and **ACTIVITY**) to see additional information associated with the certificate.

**CERTIFICATE – 00-24-A4-19-88-27**

REHOST | REGENERATE  PRINT CERTIFICATE EMAIL CERTIFICATE

**KEYS** | PRODUCTS | SOFTWARE IDS | OWNERSHIP | ACTIVITY

**MACHINE NAME**  
00-24-A4-19-88-27

**LOCKING IDS**

<b>Host ID</b> abcd1223	<b>ESX Unique System ID</b> 49a4271f-edab-9b14-a798-001c23bb36a5
<b>Kaizeon MAC Address</b> a1-b1-c1-a2-b2-c2	<b>MAC Address</b> 00-24-A4-19-88-27
<b>Kaizeon System ID</b> smoketesting01	



---

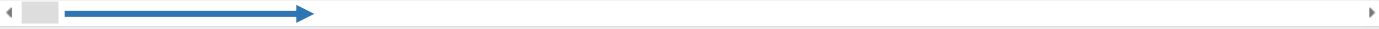



**KEYS ASSOCIATED WITH THIS CERTIFICATE**

	Activation Details	Key
<b>SAVE TO FILE</b>	Activated Product Line PowerPath/VE 2019/05/18   <a href="#">More details</a> PowerPath/VE	<a href="#">View license key</a>
<b>SAVE TO FILE</b>	Activated Product Line PowerPath/VE 2019/01/19   <a href="#">More details</a> PowerPath/VE	<a href="#">View license key</a>
<b>SAVE TO FILE</b>	Activated Product Line PowerPath/VE 2019/01/19   <a href="#">More details</a> PowerPath	<a href="#">View license key</a>
<b>SAVE TO FILE</b>	Activated Product Line Neutrino Sub SW-Cores 2019/01/19   <a href="#">More details</a> Neutrino	<a href="#">View license key</a>

[Back to Top](#)

Table Heading	Information Displayed
<b>KEYS</b>	<ul style="list-style-type: none"> <li>- The machine name and locking IDS of all products on the machine</li> <li>- All license keys associated with the machine</li> <li>- Click <a href="#">More Details</a> to see the activation type and associated locking ID</li> </ul>
<b>PRODUCTS</b>	<ul style="list-style-type: none"> <li>- Summary of all products and quantities activated on the machine</li> <li>- By clicking the link in the "Product Family" column you can view the entitlement level details</li> </ul>
<b>SOFTWARE IDS</b>	<ul style="list-style-type: none"> <li>- Displays software IDs that have been generated for each product on the machine</li> <li>- <b>NOTE:</b> Not all Dell EMC products have a software ID</li> </ul>
<b>OWNERSHIP</b>	<ul style="list-style-type: none"> <li>- The company, sites and users associated with the machine</li> </ul>
<b>ACTIVITY</b>	<ul style="list-style-type: none"> <li>- All transactions that have occurred on the machine</li> <li>- (See below for additional details in this table)</li> </ul>

In the **ACTIVITY** tab, slide the bar to the right to view additional details associated with each transaction. You can sort and filter certain columns by clicking on  and .

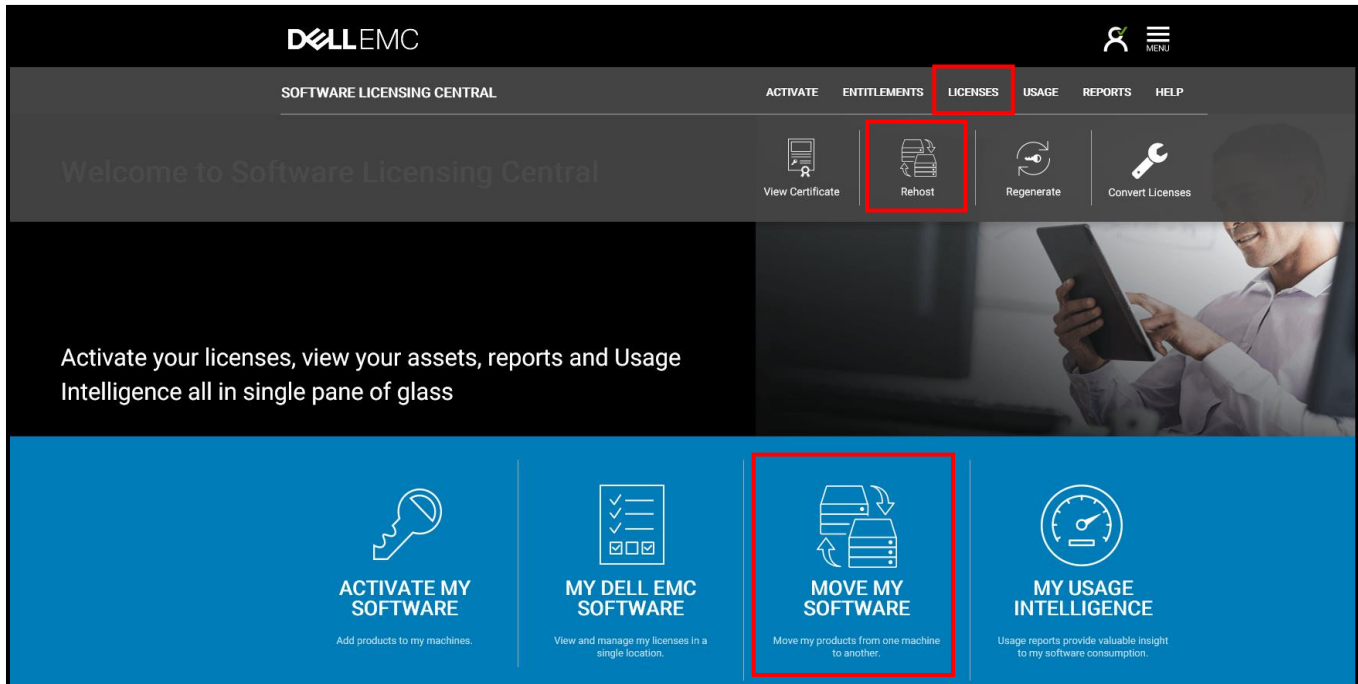
KEYS	PRODUCTS	SOFTWARE IDS	OWNERSHIP	ACTIVITY	
1 - 30 of 77 activities on this certificate					
					
Date	Product Line	Product Family	Product Number	Action	Detail
 					
2019-05-18 07:52:40	PowerPath/VE	PowerPath/VE	456-110-456_B	Activated	Quantity
2019-01-19 07:45:48				Keys regenerated for machine	Key
2019-01-19 07:45:48				Keys regenerated for machine	Locking ID

## Chapter 6 Rehosting Process

**Note:** The Rehost process is not available for all Dell EMC products. At any point before the final step you can click the **BACK** button to return to a prior step and make changes. Alternatively, you can click **CANCEL** or **Start Over** to return all the way back to the product search page.

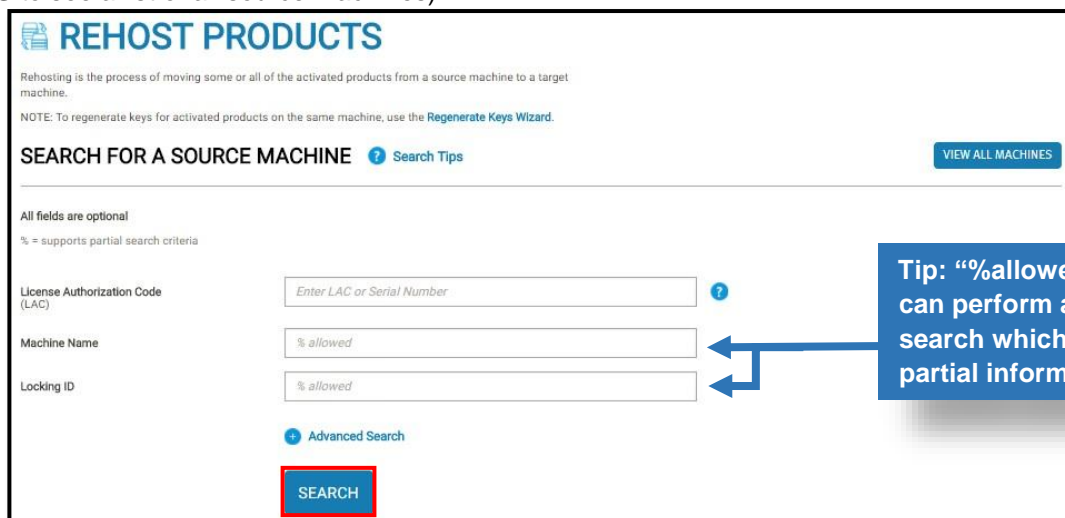
### Before You Begin:

On the Software Licensing Central home page, click on either **MOVE MY SOFTWARE** in the bottom blue bar or, **LICENSES** and then **Rehost** in the Main Navigation Menu.



### Steps:

1. Use the search engine to pull up a list of possible source machines (the machine you wish to pull the activated entitlement(s) from). Fill out some or all the search criteria and then click **SEARCH** (otherwise click **VIEW ALL MACHINES** to see a list of all source machines).



**REHOST PRODUCTS**

Rehosting is the process of moving some or all of the activated products from a source machine to a target machine.

NOTE: To regenerate keys for activated products on the same machine, use the [Regenerate Keys Wizard](#).

**SEARCH FOR A SOURCE MACHINE** [? Search Tips](#) [VIEW ALL MACHINES](#)

All fields are optional  
% = supports partial search criteria

License Authorization Code (LAC)  [?](#)

Machine Name

Locking ID

[+ Advanced Search](#)

**SEARCH**

**Tip: “%allowed” means you can perform a wildcard search which only requires partial information**





- Enter the quantity you want to rehost (must be less than or equal to the “Available from Source” column) and any prompted machine details, then click **NEXT: REVIEW**. Otherwise, you can select “Rehost All” to automatically prepopulate all the quantities.

**Note:** The machine details are dynamic and will only request information related to the products being rehosted.

**REHOST PRODUCTS**

**STEP 3: ENTER REHOST DETAILS**

REGISTERED COMPANY: ISABELS DELI - P4289380, 123 MAIN ST, BETHESDA, 20884, United States

SOURCE MACHINE: 10.66.14.149, Change Source Machine

Products	Installed on Target	Available from Source	Quantity to Rehost
<b>PRODUCT LINE: PowerPath/VE</b>			
PowerPath VE Unserviced Licenses, VMWare Product # 456-110-456_B	0	1	1 UNSERVED: License fixed ...
PowerPath VE Unserviced Licenses, VMWare Product # 456-110-457_B	0	1	1 UNSERVED: License fixed ...

ENTER TARGET MACHINE DETAILS Machine Details FAQ

\* = field is required

Machine Name: 00-24-A4-19-88-27 | View Summary | Change Target Machine

\*ESX Unique System ID: 49a4271f-edab-9b14-a798-0

BACK CANCEL **NEXT: REVIEW**

- After reviewing the details, you must agree to the **Terms & Conditions** and click **NEXT: REHOST PRODUCTS**.

**Note:** Be sure to review your selections thoroughly. Once you click **NEXT: REHOST PRODUCTS** the system generates the license keys.

**STEP 4: REVIEW REHOST DETAILS**

SOURCE: 10.66.14.149, Change Source Machine

TARGET: 00-24-A4-19-88-27, Change Target Machine

Product	Available from Source	Quantity to Rehost
<b>PRODUCT LINE: POWERPATH/VE</b>		
PowerPath VE Unserviced Licenses, VMWare Product # 456-110-456_B	1	1
PowerPath VE Unserviced Licenses, VMWare Product # 456-110-457_B	1	1

The licenses will be emailed to q3ewtoust31@gmail.com.

Email to more people Add notes to this transaction

Terms & Conditions

As a registered user for your company, by checking the box below you represent that you are currently authorized to act on behalf of your company and that your company (1) is currently in compliance with all of the terms and conditions applicable to the software that your company wishes to move (also called "Rehost") from the item(s) of hardware on which the software is currently installed (collectively called the "Source Machine") to a different item(s) of hardware (collectively called the "Target Machine"); (2) owns, leases or operates the Source Machine and Target Machine; (3) will promptly de-install and/or discontinue use of the software on the Source Machine upon installation of the software on the Target Machine; (4) agrees that the terms and conditions that governed use of the software on the Source Machine shall similarly apply to use

I Accept the Terms & Conditions

If needed you can change the source and-or target machine, return to previous steps, provide additional emails to send the license keys to and enter notes about the transaction.

5. Here in the final Rehost step you can [PRINT CERTIFICATE](#) or [VIEW CERTIFICATE](#) for each machine (must have a PDF viewer installed) as well as download the license keys that were created for the target machine by clicking **SAVE TO FILE**. The certificate is a record of all installed Dell EMC products and shows all activity that has occurred on the machine. This page confirms that the Rehost process is complete, click **HOME** to return to SLC home page or **REHOST ANOTHER MACHINE** to rehost another machine.

**Note:** Some license keys may be generated in an offline process and will not be immediately available.

**REHOST PRODUCTS**

**STEP 5: REHOST COMPLETE**

2 product(s) have been rehosted.  
License key files have been emailed to q3swatcust31@gmail.com.

SOURCE MACHINE 10.66.14.149

All active products have been moved to the target machine, below. You must remove any remaining license keys as they are no longer valid.

[PRINT CERTIFICATE](#) [VIEW CERTIFICATE](#)

TARGET MACHINE 00-24-A4-19-88-27

You must install all target machine license keys to enable use of your product(s).

[PRINT CERTIFICATE](#) [VIEW CERTIFICATE](#)

PRODUCT LINE: PowerPath/VE | SOFTWARE ID : ELMQLY1GR1RYDY

[SAVE TO FILE](#) PowerPath/VE [View License Key](#)

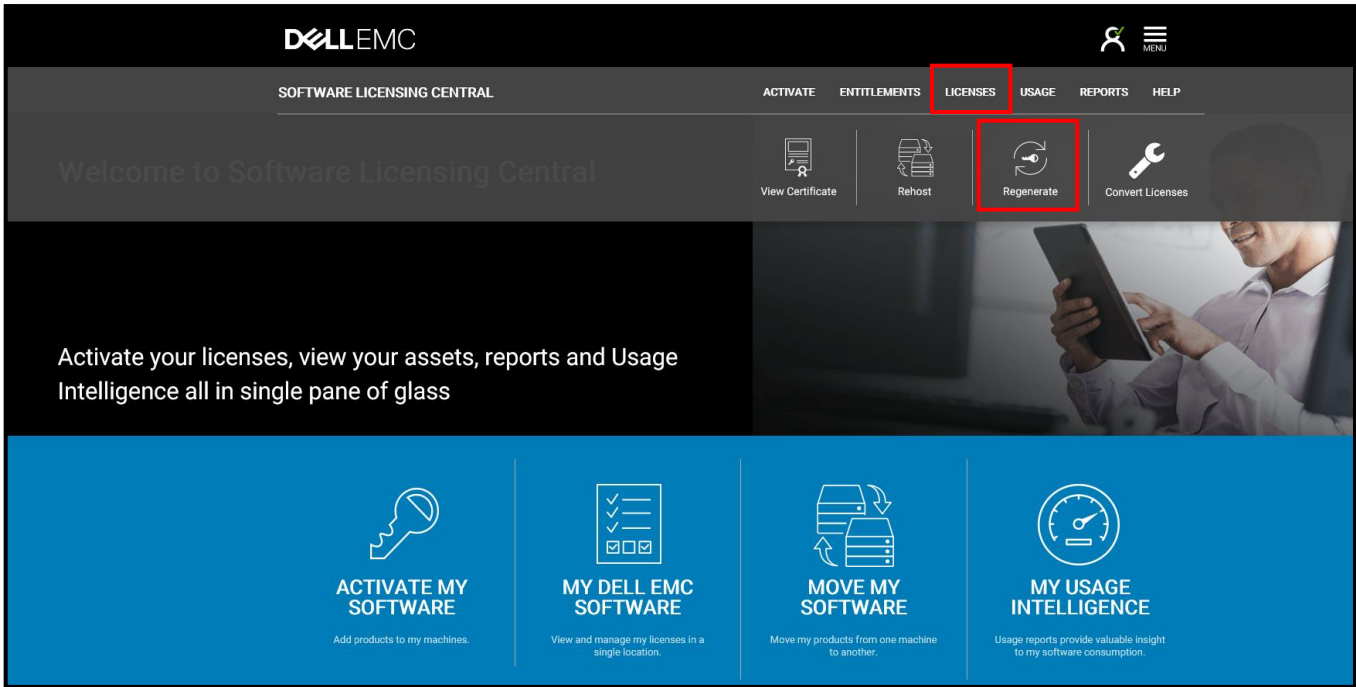
[HOME](#) [REHOST ANOTHER MACHINE](#)

**Note:** Remember to remove any remaining license keys of rehosted products from the source machine, as they are no longer valid. Additionally, you must install all target machine license keys in order for the software to be fully licensed for use.

# Chapter 7 Regenerate a Key Process

## Before You Begin:

Access the SLC home page and click on **LICENSES** and then click **Regenerate** in the Main Navigation Menu.



Search for a machine to regenerate by filling out any of the listed search criteria and then click **SEARCH**. **\*Only Dell EMC employees and Partners have the ability to search by company\***.

### REGENERATE KEYS

The Regenerate Keys Wizard allows you to regenerate the keys for Dell EMC products installed on a machine. Regenerating the keys allows any missing or out-of-sync keys to be recreated.

NOTE: If you would like to move activated products to a different machine, use the [Rehost Product Wizard](#).

#### SEARCH FOR A MACHINE TO REGENERATE [? Search Tips](#)

% = supports partial search criteria

License Authorization Code (LAC)	<input type="text" value="Enter LAC or Serial Number"/>	<a href="#">?</a>
Transformational License Agreement ID (TLA ID)	<input type="text" value="Enter TLA ID"/>	<a href="#">?</a>
Company	<a href="#">Select a Company &gt;</a>	
Machine Name	<input type="text" value="% allowed"/>	
Locking ID	<input type="text" value="APM00121101901"/>	

[+ Advanced Search](#)

**SEARCH**

## Steps:

1. Select the machine associated with the key(s) that needs to be regenerated and then click **NEXT: VERIFY MACHINE DETAILS**.

The screenshot shows the 'REGENERATE KEYS' interface. On the left is a vertical navigation menu with four steps: 1. SELECT A MACHINE (highlighted in blue), 2. VERIFY MACHINE DETAILS, 3. REVIEW, and 4. COMPLETE. The main content area is titled 'STEP 1: SELECT A MACHINE TO REGENERATE'. Below the title, it says '1-1 of 1 machines'. A table lists the machine details:

Machine Name	Locking IDs	Product Lines
APM00121101901	APM00121101901	AppSync, VNXe, RecoverPoint

At the bottom, there are buttons for '< BACK', 'X CANCEL', and 'NEXT: VERIFY MACHINE DETAILS >' (highlighted in red).

2. Verify the machine details, and in some cases, you may be asked to enter some of the machine's details. Once you have looked over this information click **NEXT: REVIEW**.

The screenshot shows the 'STEP 2: VERIFY MACHINE DETAILS' interface. The left navigation menu now highlights '2. VERIFY MACHINE DETAILS'. The main content area displays the following information:

**Registered Company**  
ISABELS DELI - P4289380  
123 MAIN ST  
BETHESDA, 20884  
United States

**MACHINE DETAILS** [Machine Details FAQ](#)

\* = field is required

Machine Name: APM00121101901 | [View Summary](#) | [Change Machine](#)

\*UNITY or VNX Serial Number:

\*Product Serial Number:

\*UNITY or VNX Serial Number:

Below this is a table of installed products:

Products	Installed
<b>PRODUCT LINE: AppSync</b>	
APPSYNC: VNXS100-IC Product # 456-104-236	1
<b>PRODUCT LINE: VNXe</b>	
APPLICATION PROTECTION STE FOR VNXE3150 Product # 456-104-063	1
SECURITY AND COMPLIANCE STE FOR VNXE3150 Product # 456-104-060	1
REMOTE PROTECTION SUITE FOR VNXE3150 Product # 456-104-062	1

At the bottom, there are buttons for '< BACK', 'X CANCEL', and 'NEXT: REVIEW >' (highlighted in red).

You can also change the machine or pull up additional details about the machine.

3. You are provided with a preview of the keys that will be regenerated for the products on the machine. If desired you can add emails to which the regenerated license keys will be sent and/or enter notes about the transaction, otherwise click **RENGENRATE KEYS** and the system will regenerate the license keys.

**REGENERATE KEYS**

STEP 3: REVIEW

All keys will be regenerated for the following products on Machine **SWAT WR 386661**.

Product	Installed
<b>PRODUCT LINE: AppSync</b>	
APPSYNC 5 TB X-Brick-ID Product # 456-106-905	1

The licenses will be emailed to q3swatcust31@gmail.com.

+ Email to more people

+ Add notes to this transaction

< BACK X CANCEL REGENERATE KEYS >

4. Here you can **PRINT CERTIFICATE** or **VIEW CERTIFICATE** for the machine, as well as view and download (click **SAVE TO FILE**) the license keys that were just generated. Click **HOME** to return to SLC home page or **REGENERATE ANOTHER MACHINE** to start another regeneration process.

**Note:** Some keys may be regenerated in an offline process and will not be immediately available.

**REGENERATE KEYS**

STEP 4: REGENERATION COMPLETE

You must reinstall all license keys to enable use of your product(s).

1 product(s) have been regenerated for Machine **SWAT WR 386661**.  
License key files have been emailed to q3swatcust31@gmail.com.

PRINT CERTIFICATE VIEW CERTIFICATE

YOUR NEW KEY FILE(S) ARE LISTED BELOW:

PRODUCT LINE: AppSync   SOFTWARE ID: VC8SZPP63NWK41	View License Key
AppSync	View License Key

SAVE TO FILE

HOME REGENERATE ANOTHER MACHINE

# Chapter 8 Tools & Tips

## Activation as a Group

Activation as a group means there are certain products that are grouped together so they need to be activated together. Additionally, each product in the group needs to activate the same quantity of licenses.

You perform activation as a group during Step #4 - Enter Details, in the Standard Activation Process. In the “Quantity to Activate” column, enter the number of licenses you want to activate. As an example, we have a kit with five available licenses associated with each entitlement. If we enter two, as shown below, then a quantity of two licenses will be activated for each entitlement.

**ACTIVATE**

STEP 4: ENTER PRODUCT QUANTITIES & MACHINE DETAILS

Products	Installed	Available	Quantity to Activate
<b>ACTIVATE AS A GROUP</b>			
SRMSUITE HDS BASE =IC Product # 457-101-387	0	5	2
VIPR SRM VNX TIER 1=IC Product # 456-105-282	0	5	2

ENTER MACHINE DETAILS [Machine Details FAQ](#)

\* = field is required

Machine Name Demo | [Change Machine](#)

You can see the results in Step #5 - Review, in the “Quantity to Activate” column you can see two licenses for each kit.

**ACTIVATE**

STEP 5: REVIEW YOUR SELECTIONS

The following product(s) will be activated on Machine **Demo** at Site:  
Swat Q3 lite 21 (License Site Number: PTA29Aug201580610).

[Change Products](#) | [Change Machine](#) | [Change Quantities](#)

Products	Total	Quantity to Activate
<b>PRODUCT LINE: VIPR SRM</b>		
SRMSUITE HDS BASE =IC Product # 457-101-387	10	2
VIPR SRM VNX TIER 1=IC Product # 456-105-282	10	2

License key files will be emailed to Elizabeth.Kenyon@emc.com.

[Email to more people](#)

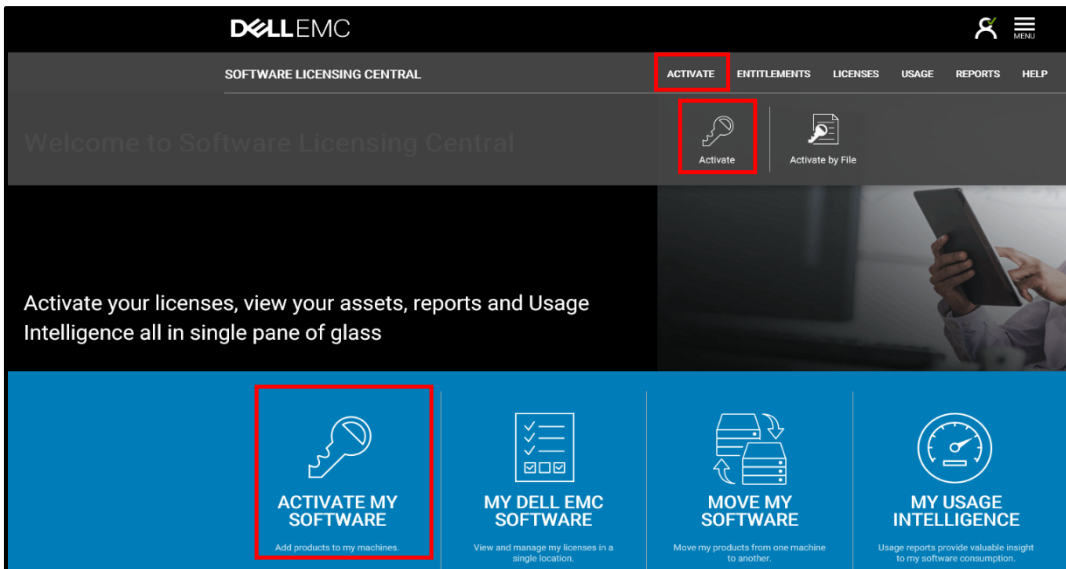
[Add notes to this transaction](#)

## Multiple PSNT License Files

There is one **Product Serial Number Tag (PSNT)** for each **License Authorization Code (LAC)**. Typically, you can only activate one PSNT onto a device at a time. However, with **Elastic Cloud Storage (ECS)** products you can activate up to 17 PSNTs at once. Activating multiple PSNTs (therefore activating multiple LACs) at one time creates a *cluster*. Once activated the license file for a cluster will contain a separate section for each PSNT.

**Note:** Not all Dell EMC products support activating multiple PSNTs at once, currently ECS and Trident support this ability.

Activating multiple PSNTs is almost identical to the Standard Activation process. To begin click on the deep link in your LAC letter or on the SLC home page, click **ACTIVATE** then **Activate** in the Main Navigation Menu, or **ACTIVATE MY SOFTWARE** in the bottom blue bar.



Enter the LACs you want to activate and separate each LAC with a comma and no space.

For Example: "LAC1,LAC2,LAC3".

Once entered, click **SEARCH**.

**Note:** Entering multiple LACs is a unique capability different from the Standard Activation process. **\*Only Dell EMC employees and Partners will see the Company field\***

For the rest of the activation, follow the Standard Activation process.

**ACTIVATE**

Before you start: The Software Activation Wizard allows you to activate your product(s) to a machine. Note that products are activated to one machine per transaction. Therefore, if you would like to activate to more than one machine, then you must complete the Activation Wizard separately for each machine.

**SEARCH FOR PRODUCTS** [? Search Tips](#)

License Authorization Code (LACs)  [?](#)

Company [Select a Company](#)

Sales Order #

Product Line


[+ Advanced Search](#)

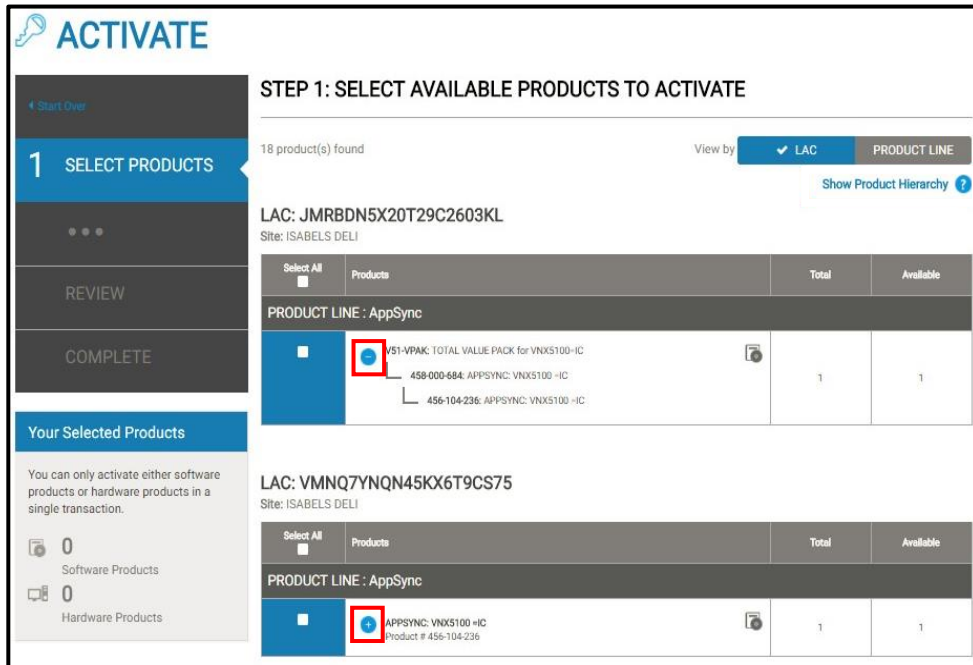
**SEARCH**



# Product Hierarchy

Product hierarchy provides a way for you to view how your licensed features in SLC map back to how you originally ordered your Dell EMC products. You can view product hierarchy during the activation process or when you search and view an entitlement.

During the Step 1 of the activation process you can select the icon  next to the product description to open and close the product hierarchy.




**ACTIVATE**


**STEP 1: SELECT AVAILABLE PRODUCTS TO ACTIVATE**

18 product(s) found View by **LAC** PRODUCT LINE [Show Product Hierarchy](#)

LAC: JMRBDN5X20T29C2603KL  
Site: ISABELS DELI

Select All	Products	Total	Available
PRODUCT LINE : AppSync			
<input type="checkbox"/>	 V51-VPAK: TOTAL VALUE PACK for VNXS100-IC 458-000-684: APPSYNC: VNXS100-IC 456-104-236: APPSYNC: VNXS100-IC	1	1

LAC: VMNQ7YNQN45KX6T9CS75  
Site: ISABELS DELI

Select All	Products	Total	Available
PRODUCT LINE : AppSync			
<input type="checkbox"/>	 APPSYNC: VNXS100-IC Product # 456-104-236	1	1

**Your Selected Products**

You can only activate either software products or hardware products in a single transaction.

- 0 Software Products
- 0 Hardware Products