

Licensing.nuance.com User Guide



1

NUANCE TECHNICAL SUPPORT/ Version 4.0.0 EFFECTIVE July 29th, 2019

Table of Contents

Login to licensing.nuance.com	3
Generate License	4
Manage Licenses	9
Merging Licenses	13
Licensing Quorum	
Changing generated license files	17
Changing license file names	
More Information	
Useful Definitions	



Login to licensing.nuance.com

By now, you should have received an email from the Nuance Fulfillment team with a link to download the Nuance products that you purchased and a link to <u>https://licensing.nuance.com</u> to generate the license for your Nuance software. The link to generate your license for the Nuance software should look like:

https://licensing.nuance.com/LAC/LACXXXXX-XXXXXXX

If you click on this link, you will be routed and automatically logged in to https://licensing.nuance.com

Alternatively, from a web browser, you can navigate to https://licensing.nuance.com and manually enter your License Authorization Code (LAC) on the login screen. (LACXXXX-XXXXXXX or ORXXXXX-XXXXXX where X represents the actual digits in your key.)





EFFECTIVE July 29th, 2019

4

Generate License

Once you have populated the LAC in the Login screen, click on the Login button and this will bring you to the "Generate Licenses" screen/tab.

To generate your licenses, check the box of the line item(s) for which you want to generate the license and click on the "Generate" button.

NUANCE									LAC23048-1202689 V
Generate	e Licenses	Manage Licenses							
Gene	erate licer	ises							
Entitlements a	are listed below. Sort by cli	cking a column heading. Select specific entitlem	ents to vi	iew or perform action	ons on them.				
Gei	nerate Tru	isted activate							
【 【 Page	e 1 of 1 ▷ 刘		T	Activation ID	٠	Contains 🔹		Q	Advanced Search
Туре	Product			Version	License T	ype Original cop	ies Available	Total	Duration
C	Nuance Management Stati	on - Perpetual Mode , Version 11.0 Qty/Copy 1		11.0	Runtime	1	1	1	PERMANENT
C	Nuance Recognizer - tier 3	, Version 11.0 Qty/Copy 1		11.0	Runtime	88	88	88	PERMANENT
C	Nuance Vocalizer for Enter	prise - MRCP Integration , Version 7.0 Qty/Copy 1		7.0	Runtime	88	88	88	PERMANENT

This will bring you to the Generate Licenses screen. This screen will look like this example below. Click the "Next" button.





This will bring you to the screen below to enter your Host. Under "Configure Hosts", click on the + icon

NUANCE						LAC23048-1202689 V
Generate Licenses	Manage Licenses	•				
Configure	Hosts					
Please add or select at least on	e host and click Next to configure c	ounts.				
Configure Hosts			Selected L	ine Items		
Server hosts: *	No license hosts selected	*	Activation Id	Product	Expiration Date	
	•	*	LAC23048_5798087	Nuance Recognizer - tier 3 , Version 11.0 Qty/Copy 1	PERMANENT	
Cancel				В	lack	Next

This will pop up a new window like the one below.

Creat Please s	e License Ho elect a license ho	ost st type and enter	an ap	opropriate value.			(
	Server Hosts:	ETHERNET •	÷	111111111111	\$		
_							
	ОК	Cancel					

Under Server Hosts, there are 2 possibilities:

- If this is a time limited license, Server Hosts will be either **ANY** or **Ethernet** depending on the licensing model.
- If this is a Permanent license, Server Hosts will be ETHERNET
 - For ETHERNET, enter the MAC ID of your server that will be running your Nuance License Manager in the "Server Hosts" field
 - If you are using licensing quorum, refer to "Licensing quorum" section below.
 - When entering the MAC ID, enter only the alphanumeric and leave out any colons ":".

Click "OK" once you are done.



HOW-TO RETRIEVE YOUR MAC ID

Windows

- Click on the Start Menu, select Run and type cmd.exe in the text field.
- A terminal window will appear on the screen. Type ipconfig /all and return.
- The Physical Address is your MAC address.

Command Prompt	-	×
C:\>ipconfig /all		î
Windows IP Configuration		
Host Name		
Ethernet adapter		
Media State		, ,

Linux

- In a terminal window type "ifconfig -a" and return.
- You'll see a list of interfaces. The MAC address will be in the field labelled HWaddr.



If the system has more than one network interface, the preferred one is bind0 or eth0.

Click the "Next".





This will bring you to the screen below which allows you to select the quantity for the license you want to generate. Enter a number in the "Quantity to fulfill" field greater than 0 and less than or equal to "Available". Then click on the "Next" button.

NUANCE					LA	023048-1202689 ▼
Generate Licenses	Manage Licenses					
Configure Co	ounts					
Please enter values for the counts an	d click 'Next' to review.					
Configure Counts						
Selected Hosts						
Server Hosts						
➡ 11111111111						
Activation Id	Product		Total	Available	Extra Activations	Quantity to fulfill
LAC23048_5798087	Nuance Recognizer - tier 3 , Version 11.0 Qty/Copy	1	88	88	•	88
Cancel				Back		Next

This will bring you to the final screen displaying both the Host and Quantity to fulfill for the license key you want to generate. Once you confirm that this is correct, you can hit the "Generate" button.

NUANCE			LAC23048-1202689 V						
Generate License	es Manage Lice	nses 🗸							
Generate Licenses - Review									
Please review values an	d click Generate to generate the lice	nse.							
Generate Lic	censes - Review								
Host	Activation ID	Product	Quantity to fulfill						
Generate	Cancel	riuance Recognizer - aer 5., version 11.0 útl/Copy 1	Back						



Your license key is now generated. You can choose either "Save to File" or "Email License" to get a copy of your license key for deployment.

N.	UANCE						L	AC23048-1202689 V
Gen	erat	e Licenses	Manage Licenses					
LiC Please	Cer	the licenses below and	Nary click Complete to return to Manage Entitlements page.					
Lice	ense	e details:						
	Save	e To File	Email license					
I	Гуре	SN	Product	Version	MAC Address	Quantity	Generation Date	Expiration
Image: A start and a start	C	LAC23048:8060458	Nuance Recognizer - tier 3 , Version 11.0 Qty/Copy 1	11.0	11111111111	88	Jul 22, 2019	PERMANENT



NUANCE TECHNICAL SUPPORT/ Version 4.0.0 EFFECTIVE July 29th, 2019

Manage Licenses

The Manage Licenses screen/tab is used mainly for rehosting licenses and also to retrieve old licenses that had been previously generated. There are 4 options when you enter this screen:

- Return
 - This allows you to "Return" a license back to the "Generate" screen to allow for a future "Rehost"
- Rehost
 - This allows you to "Rehost" a previously generated license to a new Host(MAC ID)
- Save to File
 - This allows you to retrieve a previously generated license
- Email License
 - This allows you to retrieve a previously generated license

Rehost is the process you need to go through if you need to move your Nuance software to a new server with a different MAC ID

To rehost your license, go to <u>https://licensing.nuance.com</u> and enter the LAC for the license that you want to rehost. Choose the "Manage Licenses" screen/tab. Now select the license that you want to rehost and hit the "Rehost" button.





You will see the following screen. Click on the "Add New Host" button and follow the procedure to add a new host.

NUANCE				LAC23048-1202689 V
Generate Licenses	Manage Licenses	•		
Rehost Lic	enses			
Rehost Licenses for Fulfillmen	t LAC23048:8060458			
Activation Deta	ails	Shipping Details	5	
Activation ID	LAC23048_5798087	Ship to Email	support_account@nuance.com	
Order ID	12345	Ship to Mail		
Product Name	Nuance Recognizer - tier 3 , Version 11.0 Qty/Copy 1			
Part Number				<i>\$</i>
Start Date	Jul 19, 2019			
Permanent	Yes			
Fulfillment Det	ails			
Original Server Hosts	11111111111			
Server hosts:				
No license hosts selected				* *
-	B			
Fulfill Count	88			
Rehost Count*	88			
Rehost	Cancel			

A new window like the one below will pop up. Enter the MAC ID of your new server that will be running your Nuance License Manager in the "Server Hosts" field. When entering the MAC ID, enter only the alphanumeric and leave out any colons ":".

• If you are using licensing quorum, refer to "Licensing quorum" section below

Create License Host Please select a license host type and enter an appropriate value.	
Server Hosis: ETHERNET • = 11111111111	۵
OK Cancel	



NUANCE TECHNICAL SUPPORT/ Version 4.0.0 EFFECTIVE July 29th, 2019

Click "OK" once you are done. Enter the qty of ports to rehost and click "Rehost".

Generate Licenses	Manage Licenses	•	
Rehost Lic	enses		
Rehost Licenses for Fulfillmen	t LAC23048:8060458		
Activation Deta	ails	Shipping Details	S
Activation ID	LAC23048_5798087	Ship to Email	support_account@nuance.com
Order ID	12345	Ship to Mail	
Product Name	Nuance Recognizer - tier 3 , Version 11.0 Qty/Copy 1		
Part Number			11
Start Date	Jul 19, 2019		
Permanent	Yes		
Fulfillment Det	ails		
Original Server Hosts	111111111111		
Server hosts: 11111111111			
	•		
Fulfill Count	88		
Rehost Count*	88		
Rehost	Cancel		



The final step left is to select the license line you want and choose "Save to File" or "Email License" to obtain a copy of your new license key.

NUANCE					L	AC23048-12026891			
Generate Licenses	Manage Licenses								
License Summary									
Please review the licenses below and cl	ck Complete to return to Manage Licenses page.								
License details:									
Save To File E	mail license								
Type SN	Product	Version	MAC Address	Quantity	Generation Date	Expiration			
C LAC23048:6113420	Nuance Recognizer - tier 3 , Version 11.0 Qty/Copy 1	11.0	11111111111	88	Jul 23, 2019	PERMANENT			



NOTE

You can only return or rehost your licenses through our licensing portal once per 6 months. Trying to return/rehost a license within the 6-months after an initial return/rehost will result in the following error message.

The rehost of the fulfillment is denied by the rehost policy because max rehosts exceeded.

To avoid this, please plan your licensing requirements before generating the licenses.

If you encounter the message above and still want to return/rehost your license, please contact Nuance Technical Support to receive assistance.



EFFECTIVE July 29th, 2019

Merging Licenses

Merging licenses allows you to combine the contents of multiple license files into a single file as long as all the licenses are generated for the same Hostid(s)

The process consists of appending the INCREMENT blocks of all subsequent license files into your first license file

As an example let's consider license A

SERVER this host 111122223333 27000 VENDOR swilmgrd USE SERVER INCREMENT osr swirec swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=ORXXXX:XXXXX SIGN="0A99 1BA6 3D77 6958 0700 00DB A156 7C8F \ C43A EASF E9AE 1CDC DABA 2D41 5024 197D 1947 EFCD 8663 0011 ' 0A52 7AAD 8E5C 05A5 A04E E454 A697 90F8 D829 BF00" SIGN2="1BD8 \ 6D3A 38CB 47FB 58BE 27B5 9E7A DDC7 622A EC06 FBF2 F52F C02E \ 58E7 2EB5 0084 7E91 E559 BE56 13E7 A502 CAE3 9039 79F6 35A3 \ 2368 DCA3 8F36 A7C4 39A7" INCREMENT osr_swiep swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=ORXXXX:XXXXX SIGN="0609 821A 0219 AAA1 B5FF 67A9 E2E4 FC25 \ EC21 F8E4 9898 CA5D B256 5E22 2961 17A9 C136 4DB0 3FCF C5AB F43B 30D8 61AC 027C 141F D5F2 0557 45EF 35EC E7CE" SIGN2="1F42 \ 514B E3F9 7BC7 B734 8089 0EE3 9D96 22FC 916A F6DF 63C8 9E31 BAD6 1C7F 1587 F70B FFC4 F35D 08DA 30D5 EBD2 2DB6 A355 F983 \ 80B4 CF7A 2895 0C3E 28CF" INCREMENT osr_nl_u swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=OPXXXX:XXXXX SIGN="127F EE05 BB19 43BF 8DDB 25D3 2893 B755 \ A735 E001 511B 405D 9111 C29B 9BF7 0BE5 808B 2C3C 9820 2ACB 5D5E CE01 8498 715B 9E83 B4DE C69B A04B B344 4AA0" SIGN2="0B9A \ 964C EF15 26BE 8963 4CC1 ECB6 D52E FFE8 2B6E 7FF4 8EE7 F4FB AEB0 1FBF 1F72 CC9F ADDB A180 0D79 5C13 0F28 A721 4177 00A4 \ 6977 24B1 98B5 D0E3 6CDC" INCREMENT osr_rec_u swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=ORXXXX:XXXXX SIGN="172C BDB7 A61B C69F 3253 2C7A 76BB 41D3 \ D581 A079 F600 FC7A 56EB FB86 F5C3 11E8 ED43 BEF3 9B03 DA4F 1328 668D 23EA 87DC 77B4 66F5 DFD9 C730 C6FE 2574" SIGN2="074D \ DFE3 0420 420B 8610 933C 7DDF 83AA 1DDF 520C 3E7E 61A9 CFB9 \ D539 F107 12A8 917C F34E 57E7 EDF9 84AD D89D 5612 E103 9932 \ 86DD 58A1 8646 85A6 57CD" INCREMENT dtmf swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 🕔 SN=ORXXXX:XXXXX SIGN="0165 2C68 D930 21EB 9E1B 018A 0358 54C2 \ F15C F470 7B5C EC3D 1EAA 2490 83FC 095B 8766 5446 D59F FD0A 3D32 3E72 FFB3 B719 0127 2F2E D9E0 08A6 9C16 FF2D" SIGN2="1ADC \ 7EC9 86D1 C37A A5C0 3290 8472 34A6 D800 F0B5 64F9 48BA A0D5 \ 3214 DEF0 0520 71D6 9840 7868 8FDE 28C4 3AF7 A24F DED1 8EE9 \ CD33 BF9A 5600 3B02 9B2D" INCREMENT rm swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=ORXXXX:XXXXX SIGN="0507 6BB2 3512 1E38 708F 2AD3 37A5 90D9 \ 4660 SABF EBC1 997A 4A29 EBB8 BOD7 1B23 2A03 4497 F183 8181 SCE4 1530 EFC1 EESC C495 5725 F4D6 F4DA 5B3F F1CE" SIGN2="09D4 \ B7EA D924 382D F048 4594 9309 3DD1 5F41 9074 F6A4 9005 227F \ D311 90CF 00F1 D15D 33DD 2D37 58FE 5193 21A1 67B4 D104 33E5 \ 0B6C 7DFB 4B43 992D 7B3E"



This license can be broken down in its SERVER, VENDOR and USE_SERVER lines and its various INCREMENT blocks

Similarly we consider license B



Again we notice in its SERVER, VENDOR and USE_SERVER lines and its own INCREMENT blocks

Now given that licenses A and B have been generated for the same Hostid (111122223333), they can be merged into a single file. To do so, append the INCREMENT blocks from license B into license A. In other words, the SERVER, VENDOR, and USE_SERVER lines from license B do NOT need to be copied over.



Merged license:

SERVER this host 111122223333 27000 VENDOR swillingrd
INCREMENT osr_swirec swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=CRMINX:XXXXX SIGN="0A99 IBA6 3D77 6958 0700 00DB A156 7C8F \ C43A EASF E9AE 1CDC DABA 2D41 5024 197D 1947 EFCD 8663 0011 \ 0A52 7AAD 8E5C 05A5 A04E E454 A697 90F8 D829 BF00" SIGN2="1BD8 \ 6D3A 38CB 47FB 58BE 27B5 9E7A DDC7 622A EC06 FBF2 F52F C02E \ 58E7 2E55 0084 7E91 E559 BE56 13E7 A502 CAE3 9039 79F6 35A3 \
INCREMENT or: swiep swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=ORXXXX:XXXXXX SIGN="0609 821A 0219 AAA1 B5FF 67A9 E2E4 FC25 \ EC21 F8E4 9898 CA5D B256 5E22 2961 17A9 C136 4DB0 3FCF C5AB \ F43B 30D8 61AC 027C 141F D5F2 0557 45EF 35EC E7CE" SIGN2="IF42 \ 514B E3F9 7BC7 B734 8089 0EE3 9D96 22FC 916A F6DF 63C8 9E31 \ BAD6 1C7F 1587 F70B FFC4 F35D 08DA 30D5 EBD2 2DB6 A355 F983 \ 80B4 CF7A 2895 0C3E 28CF"
<pre>INCREMENT osr_nl_u swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=OPXXXX:XXXXX SIGN="127F EE05 BB19 43BF 8DDB 25D3 2893 B755 \ A735 E001 511B 405D 9111 C29B 9BF7 0BE5 808B 2C3C 9220 2ACB \ SD5E CE01 8498 715B 9E83 B4DE C69B A04B B344 4AA0" SIGN2="0B9A \ 964C EF15 26BE 8963 4CC1 ECB6 D52E FFE8 2B6E 7FF4 8EE7 F4FB \ AEB0 1F5F 1F72 CC9F ADDB A180 0D79 SC13 0F28 A721 4177 00A4 \ 6977 24B1 98B5 D0E3 6CDC"</pre>
<pre>INCREMENT osr_rec_u swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=OFWIDXX:XXXXX SIGN="172C BDB7 A61B C69F 3253 2C7A 76BB 41D3 \ D581 A079 F600 FC7A 56EB FB86 F5C3 11E8 ED43 BEF3 9E03 DA4F \ 1328 668D 23EA 87DC 77B4 66F5 DFD9 C730 C6FE 2574" SIGN2="074D \ DFE3 0420 420B 8610 933C 7DDF 83AA 1DDF 520C 3E7E 61A9 CFB9 \ D539 F107 12A8 917C F34E 57E7 EDF9 84AD D89D 5612 E103 9932 \ 86DD 58A1 8646 85A6 57CD"</pre>
INCREMENT dtmf swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=OFXXXX:XXXXX SIGN="0165 2C68 D930 21EB 9E1B 018A 0358 54C2 \ F15C F470 7B5C EC3D 1EAA 2490 83FC 095B 8766 5446 D59F FD0A \ 3D32 3E72 FFB3 B719 0127 2F2E D9E0 08A6 9C16 FF2D" SIGN2="1ADC \ 7EC9 86D1 C37A A5C0 3290 8472 34A6 D800 F0B5 64F9 48BA A0D5 \ 3214 DEF0 0520 71D6 9B40 786B 8FDE 28C4 3AF7 A24F DED1 8EE9 \ CD33 BF9A 5600 3B02 9B2D"
INCREMENT rm swilmgrd 9.0 permanent 40 ISSUED=20-Dec-2010 \ SN=ORXXXX:XXXXX SIGN="0507 6BB2 3512 1E38 709F 2AD3 37A5 90D9 \ 4660 5ABF EBC1 997A 4A29 EB88 B0D7 1B23 2A03 4497 F183 8181 \ 5CE4 1530 EFC1 EE5C C495 5725 F4D6 F4DA 5B3F F1CE" SIGN2="09D4 \ B7EA D924 382D F048 4594 9309 3DD1 5F41 9074 F6A4 9005 227F \ D311 90CF 00F1 D15D 33DD 2D37 58FE 5193 21A1 6784 D104 33E5 \ 0B6C 7DFB 4B43 992D 7B3E"
<pre>INCREMENT nuance num_tts swilmgrd 5.0 permanent 40 \ VENDOR_STRING="Nuance Vocalizer for Network - FULL:Runrime" \ ISSUED=24-Dec-2010 SN=ORXXXXXXX SIGM="028F 8DFC 4818 7531 \ 7A91 07CA 659F 9527 F12A 4026 B789 7278 29C9 5ECF BEE4 06E9 \ 1B87 552D D5EE EFRC 79AC 51DF 37E6 4De0 751E F9F0 E4BA D6FB \ 2016 202A" SIGN2="0972 0503 0A6B 49CD 37FF CEB9 5B02 456E 336C \ 8110 004D 61E1 C58C 48CC 7157 112F 41E4 0BF6 B4E1 5789 B05E \ DF88 718 0746 7815 B196 77F7 72F 7388 8483"</pre>
<pre>INCREMENT nuance nvm_cpr_swilmgrd 5.0 permanent 40 \ VENDOR_STRING="Nuance Vocalizer for Network - FULL:Runrime" \ ISSUED=24-Dec-2010 SN=ORXXXXX:XXXXXX SIGH="0B95 C461 BFE5 2401 \ F533 0244 51B9 FE67 48B6 450E 7C32 4966 386E D0BD 15A7 0246 \ 7828 F00A 6A6C DEF2 EF2E 41A6 CAAC BA29 E042 8A5A 42BD C63C \ 20DE 05DB" SIGN2="18C9 DB2C 7E48 EAF4 505F 71B4 E67C 8C80 CABB \ 6E6E 7434 C5E2 CD27 ACB8 AB50 16B8 6F49 6FFA 1F00 D564 0F90 \ </pre>
INCREMENT promptsculptor_apdb_swilmgrd 1.0 permanent 40 \ VENDOR_STRING="Nuance Vocalizer for Network - FULL:Runrime" \ ISSUED=24-Dec-2010 SN=ORXXXXX:XXXXX SIGN="1A11 D25B CD82 C881 \ A6A6 657F 6A2C CBE0 613B 7D49 13A5 A612 7346 D8E1 894B 1424 \ D30F C67A 33F7 0F1F 10D4 3178 DE54 79B6 3A9E 1073 2493 04AA \ FF50 BC60" SIGN2="0849 025D F502 6876 422B F3FE 7AF9 27C8 3FCA \ BF71 42B2 C279 81D0 D0C8 E162 0102 8795 7390 496C 120A 557A \ B889 BIDA B10 90E9 CBD7 2901 4526 5E6C 52CA"



NUANCE TECHNICAL SUPPORT/Version 4.0.0 EFFECTIVE July 29th, 2019

Licensing Quorum

If you are using licensing quorum, you need to enter the MAC ID of the 3 servers that will be running your Nuance License Managers. Click the triad icon:

Create License Host											
		Server Hosts:	ETHERNET	• =	Å ()						
C	К	Cancel									

The system will not allow the same Host ID to be used for three times in a Quorum. It will indicate that three different values will need to be entered.



OK

Cancel

• Enter the values for the three Host IDs and click "OK".

Create License Host												
	Server Hosts:	ETHERNET	• =	=	11111111111	×	0					
		ETHERNET	•	-	22222222222							
		ETHERNET	•	- [3333333333							

ОК

Cancel

Changing generated license files

As an end-user, you can make the following changes to the files (any other changes invalidate the license):

- Change the filename of the license file. See Changing license file names.
- Change the machine name (not the hostid) on the SERVER line of the license file. This is useful if you rename the machine or if you run Imgrd on a different machine from the Nuance components. This step is required for quorum licensing.
- Add a path to the vendor daemon on the VENDOR line of the license file. This is
 useful when swilmgrd is not stored in the default location and lmgrd cannot find
 that different directory.
- Change the port being used in the license file. This is useful when you are already using the default port for something else (for example, for another Imgrd process for a different product). See Changing licensing server ports in product documentation.
- Add an INCREMENT line if directed by Nuance technical support or when merging license files. (See Merging license files.)



The contents of a license file depends upon the speech product. If you edit a license file, be very careful. See the FLEXnet documentation for details about license files and their syntax.

Note: Licenses are associated with specific licensing server instances. You cannot run a licensing server with a license file that was created for another server.

Changing license file names

You can use any filename for license files. By convention, nuance.lic is recommended.

The licensing server is preconfigured to look for a dummy license file named temp.lic. You should change the name on each licensing server using FLEXnet tools. See the step that describes how to configure a license file in Installation Guide of the product."

More Information

If you need further assistance with your Nuance licenses, you can refer to the Licensing handbook. This handbook is distributed with the official Nuance Recognizer and Nuance Vocalizer documentation. If you have other license questions, please contact us at support_account@nuance.com.



Useful Definitions

License Authorization Code (LAC): Key provided by Nuance to grant access to an order's pool of licenses. This code is in the format LACXXXX-XXXXXXX or ORXXXXX-XXXXXXX, where X represents the actual digits in your key.

MAC Address: Media Access Control Address. This is a hardware address that uniquely identifies each network interface card.

MAC ID: see MAC address

Host: see MAC address

