ALE License Data Solution, OmniSwitch 6560/MACSEC User Manual

How to Generate or Retrieve License





April 16, 2024

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1 Introduction

This instruction manual explains the user on the procedure of generating license(s) for Omni Switch 6560 products (for example, METRO, PERF, AR) and MACSEC product from the Licensing Data Solution web portal.



2 Steps for License Generation

Licenses for Omni Switch 6560 and MACSEC products can be generated by providing the **Customer Number** and **Order Number**.

2.1 Using Customer Number and Order Number

To generate license, follow these steps:

- 1. Navigate to Licensing portal: https://lds.al-enterprise.com/
- 2. Click the hyperlinked Omni 6560 as in the following page:

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Product License Generation Center

OmniAccess WLAN OmniVista 2500 NMS OmniSwitch 6900/10K/6860 OmniSwitch 6900/10K/6860 with Activation Code Omni 6450/6250 Omni 6450/6250 with Activation Code Omni Access ESR Omni 6560 Bulk License Generation - Omni 6560 Omni 6360 **Omni 6**570 MPLS License Generation MAC Address Query Tool for Omni Switch products ClearPass Licensing Management System ClearPass/OAW/OV3600 Certificate Id Retrieval OV Network Advisor Activation Key Retrieval Ucopia Activation Key Retrieval Activation Code List for 10K/6900/6860 OmniVista 2500 NMS release 4.1 and higher query tool

Figure 1 : LDS Home Page

3. The following page appears:



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Alcatel-Lucent	Alcatel·L Enterprise				
License Generation - OS6560					
Customer Number:* ⁽²⁾ Order Number:* ⁽²⁾ Customer Email: ⁽²⁾	Customer Num Order Number Customer Ema				
Clear Submit					
Need Help with Bulk License Generation of OS6560 ? <u>Click here</u> User Manual for OS6560/MACSEC					
Desktop compatibility with v63+, v11+ <u>Terms & Conditions</u>					



4. Enter '**Customer Number'** and '**Order Number'** for the Omni Switch 6560/MACSEC product that has been ordered and click on '**Submit'**.

Alcatel • Lucent Enterprise					
License Generation	ı - OS6560				
Customer Number:* 🙆	18345				
Order Number:* 🕜	5432134				
Customer Email: 🞯					
	Clear				
Need Help with Bulk License Generation of OS6560 ? <u>Click here</u> <u>User Manual for OS6560/MACSEC</u>					
	Desktop compatibility with 0 v63+, v11+ Terms & Conditions				

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5. The following page appears where user will be able to find the licenses ordered in the drop down under '**License Type**' field as highlighted.



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Figure 4 : License Generation - OS6560

 Select the 'License Type' from the drop down for which the license is to be generated (OS-SW-MACSEC/OS6560-SW-PERF/OS6560-SW-ME/OS6560-SW-AR) as shown in the following image and click on 'Generate License' as highlighted.



License Generation - OS6560

Customer Number:* 🞯	18345				
Order Number:* 🞯	5432134				
License Type:* 🕜	OS-SW-MACSEC 🗸				
Serial Number:* 🞯	MAC Address:* @ 00:00:00:00:00:00				
	Home Clear Generate License Download History				
Desktop compatibility with vit+ Conditions					
	© 2017, Alcatel-Lucent Enterprise. All rights reserved				

Figure 5 : License Generation - OS6560



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Alcatel-Lucent						
License Generation - C	DS6560					
Customer Number:* Order Number:* License Type:* Serial Number:*	18345 5432134 OS6560-SW-AR A1234567 MAC Address:* Ø aa:ac:ad:ae;af.aa					
Desktop compatibility with vil+ <u>Terms & Conditions</u> © 2017, Alcatel-Lucent Enterprise. All rights reserved						

Figure 6 : License Generation - OS6560

Important Pointer:

For generation of MACSEC license, Serial Number and MAC Address need not be provided. While for OS6560, Serial Number and MAC Address should be provided mandatorily.

7. After clicking on 'Generate License', the following page appears:



License	Generation -	- OS6560
---------	--------------	----------

Customer Number:* @	lable license count for th	le Part number: OS-SW-MACSEC IS: 3
Order Number:* 🕜	5432134	า้
License Type:* 🞯	OS-SW-MACSEC ✔	_
Serial Number:* 🞯		MAC Address:* 🕜
Home	Clear Generate Licens	e Download History Download License

Figure 7 : License Generation - OS6560/MACSEC





License Generation - OS6560

License successfully generated for the part number: OS6560-SW-AR Available license count for the Part number: OS6560-SW-AR is: 3					
18345]				
5432134	j				
OS6560-SW-AR ✓	-				
A1234567	MAC Address:* 🞯	aa:ac:ad:ae:af:cc			
e Clear Generate License	Download History Do	wnload License			
Desktop compatibility with	v63+, v11+ <u>Terms & Condit</u>	tions			
	ailable license count for th 18345 5432134 OS6560-SW-AR A1234567 e Clear Generate License Desktop compatibility with © 2017 Alreaded or	e Clear Generate License Download History Do Desktop compatibility with € 2017 AlcateL ucar Entermine All rights rearned			



8. Click on **'Download License'** to download the generated license for the desired license part as shown below.

Alcatel · Lucent			Downloads MACSEC (1).txt Open file
License Generation - OS	See more		
License Availa	successfully generated table license count for the	for the part number: OS-SV Part number: OS-SW-MA	N-MACSEC CSEC is: 2
Customer Number:* 🞯	18345		
Order Number:* 🙆	5432134		
License Type:* 🞯	OS-SW-MACSEC ₩		
Serial Number:* 🞯		MAC Address:* 🙆	
Home	Clear Generate License	Download History Downlo	pad License
	Desktop compatibility with	v63+, v11+ <u>Terms & Conditions</u>	
	© 2017, Alcatel-Lucer	at Enterprise. All rights reserved	

Figure 9 : License Generation - OS6560



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			Downloads
Alcatel Lucent	9		A1234567_aaacadaeafcc_AR.b
License Generation - (See more		
Licer	nse successfully generated	for the part number: OS	6560-SW-AR
Customer Number:* Ø	18345		
Order Number:* 🙆	5432134	Ĩ	
License Type:* 🞯	OS6560-SW-AR ✔	~	
Serial Number:* 🞯	A1234567	MAC Address:* 🞯	aa:ac:ad:ae:af:cc
Home	Clear Generate License	Download History	nload License
	Desktop compatibility with	v63+. v11+ Terms & Conditio	ns

Figure 10 - License Generation - OS6560/MACSEC

9. Click on the **'Download History'** to download the history of licenses generated for the specific Order Number and Customer Number at any point of time as in the following screenshot.

Alcatel·Lucent			Downloads	
			5432134.txt Open file	
License Generation - OS	6560		See more	
License successfully generated for the part number: OS6560-SW-AR Available license count for the Part number: OS6560-SW-AR is: 3				
Customer Number:* 🞯	18345			
Order Number:* 🞯	5432134			
License Type:* 🞯	OS6560-SW-AR ✓			
Serial Number:* 🞯	A1234567	MAC Address:* 🞯	aa:ac:ad:ae:af:cc	
Home	Clear Generate License	Download History Downlo	ad License	
	Desktop compatibility with	v63+, v11+ <u>Terms & Conditions</u>		
	© 2017, Alcatel-Lucer	nt Enterprise. All rights reserved		

Figure 11 : License Generation - OS6560



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5432134	×	+	
File Edit View	,		
A1234567 05432134	OS6560-SW-AR OS-SW-MACSEC	NQ92-1ns!-P@E0-cROE-N&Ki- zRT-Y[U{-v4JX pEn2-4{v!-[Amy-%ROK-U\$3i-5EdT-}ZD{- J5K	

*** Above is the image of license file downloaded by clicking '**Download History**' and contains the list of licenses been generated for different parts associated with a specific Customer Number and Sales Order Number.

Note:

In case the user provides the '**Customer Email**' along with '**Customer Number**' & '**Order Number**' in Figure 3, then in this case user will be re-directed to license generation page as usual and after generating the respective license the license will be sent to the email id input by the user.

• User inputs Customer Number, Order Number and Customer Email and clicks on '**Submit**' as below.



License Generation - OS6560

Customer Number:* 🞯	18345	
Order Number:* 🛛	5432134	
Customer Email: 🞯	test@xyz.com	
		Clear

Need Help with Bulk License Generation of OS6560 ? Click here User Manual for OS6560/MACSEC



Figure 12 - License Generation - OS6560/MACSEC

• User to select the desired license part for which they want to generate the license as below from the dropdown and clicks on 'Generate License.'



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License Generation - OS6560

Customer Number:* 🞯	18345
Order Number:* 🕜	5432134
License Type:* 🞯	OS-SW-MACSEC 🗸
Serial Number:* 🞯	MAC Address:* @ 00:00:00:00:00
	Home Clear Generate License Download History
	Desktop compatibility with v63+, v11+ <u>Terms & Conditions</u> © 2017, Alcatel-Lucent Enterprise. All rights reserved

Figure 13 - License Generation - OS6560/MACSEC



License Generation - OS6560/MACSEC

Customer Number:* 🞯	88345]		
Order Number:* 🕜	5438812]		
License Type:* 🞯	OS6560-SW-ME 🗸			
Serial Number:* 🞯	BK123459	MAC Address:* 🙆	aa:dc:ac:ad:ae:11	
	Home Clear Genera	ate License Download History]	
Desktop compatibility with v63+, v63+, v11+ Terms & Conditions				
	© 2017, Alcatel-Luce	nt Enterprise. All rights reserved		

Figure 14 - License Generation - OS6560/MACSEC

- After clicking 'Generate License' by providing necessary details of Serial Number and MAC incase of OS6560 PERF license or ME license and choosing relevant license type, the license will be successfully generated and sent to the email address provided by the customer as shown in the following image.
 - Users will also be displayed with the message of successful license generation along with the quantity of licenses still available for generation on the portal.



OS6560/MACSEC	User Manual
---------------	-------------

Icense Generation	
	License successfully sent to your email address
Customer Number * @	18345
Order Number:* @	5432134
License Type * @	OS-SW-MACSEC V
Serial Number:* @	MAC Address:* Ø
Но	me Clear Generate License Download History Download License
	Desktop compatibility with v63+, v11+ <u>Terms & Conditions</u> © 2017, Alcatel-Lucent Enterprise. All rights reserved Figure 15 : License Generation - OS6560/MACSEC
Alcatel • Lucent Enterprise	Desktop compatibility with volt, of the velt remrs & Conditions © 2017, Alcatel-Lucent Enterprise. All rights reserved Figure 15 : License Generation - OS6560/MACSEC
Alcatel • Lucent Enterprise License Generatior	Desktop compatibility with vd3+, vl1+ Terms & Conditions © 2017, Alcatel-Lucent Enterprise. All rights reserved Figure 15 : License Generation - OS6560/MACSEC
Alcatel • Lucent Enterprise License Generatior	Desktop compatibility with (6) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2
Alcatel • Lucent Enterprise License Generatior	Desktop compatibility with (6) 2017, Alcasel-Lucent Enterprise. All rights reserved Figure 15 : License Generation - OS6560/MACSEC (6) 10 - OS6560 License successfully sent to your email address Available license count for the Part number: OS6560-SW-AR is: 2
Alcatel • Lucent Enterprise License Generation	Desktop compatibility with Vit Compatibility with
Alcatel • Lucent Enterprise License Generation Customer Number:* @ Order Number:* @ License Type:* @	exception () () () () () () () () () () () () ()
Alcatel • Lucent Enterprise License Generation Customer Number:* @ Order Number:* @ License Type:* @ Serial Number:* @	extop compatibility with volt, volt, volt, volt, volt, volt, alcatel-Lucent Enterprise. All rights reserved # 2017, Alcatel-Lucent Enterprise. All rights reserved Figure 15 : License Generation - OS6560/MACSEC * Conception of the conception of

Figure 16: License Generation - OS6560/MACSEC

• Upon clicking on '**Download License**', the user will be able to download the generated license key as below.



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MACSEC (2).txt Open file
See more
ess
MACSEC is: 1
wnload License
tions
CSEC
Downloads
JSZ2319_78245925F323_AR.txt Open file
See more
AR is: 2
AR is: 2 78:24:59:25:F3:23
AR is: 2 78:24:59:25:F3:23 ad License
AR is: 2 78:24:59:25:F3:23 ad License
AR is: 2 78:24:59:25:F3:23 ad License





License Generation for MACSEC/OS6560 on - 16-Apr-2024



noreply@al-enterprise.com To OVemuri Bhavya

5432134_MACSEC.txt 347 bytes

External Email : Be cautious while opening any links or attachments.

Dear Customer,

Greetings!

Please find the attached license key for

Customer ID: 18345

Order Number: 5432134

Part Number: OS-SW-MACSEC

Thank you!

Regards, ALE License Support Group, Alcatel-Lucent Enterprise

This is a system generated email. Please DO NOT REPLY TO THIS MAIL.

Figure 19 : Sample Mail for Generated License for MACSEC

Important Pointer:

Above is the screenshot of the sample mail in **Figure 23** been received with the generated license key by the user.

*** Hovering over the tool tip will provide the information about a respective field as shown in the following image.



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License Generation - OS6560

Customer Number:* 🙆	18345
Order Choose License Type to g	enerate license key
License Type:* 🞯	select V
Serial Number:* 🞯	MAC Address:* 🞯
	Home Clear Generate License Download History
	Desktop compatibility with Vil+ Terms & Conditions
	© 2017, Alcatel-Lucent Enterprise. All rights reserved

Figure 20 : License Generation Page - OS6560/MACSEC

3 Few Error Message and Their Interpretation

Users sometimes may encounter some unexpected error condition due to invalid data, wrong combination of data, data unavailability etc. Here are some common error conditions discussed along with their meaning.

1. If license quantity for the part has been exhausted for the given Customer Number and Order Number:

If the user generates last quantity of license for the particular part then customer will encounter below page once the license has been generated.



Alcatel-Lucent

License Generation - OS6560

All Licen	License successfully	sent to your email address d for the Part number: OS-SW-MACSEC
Customer Number:* @	18345	
Order Number:* 🞯	5432134	
License Type:* 🕜	OS-SW-MACSEC ₩	,
Serial Number:* 🞯		MAC Address:* 🞯
Home	Clear Generate License	Download History Download License
	Desktop compatibility with	v63+, v11+ Terms & Conditions
	© 2017, Alcatel-Luce	ant Enterprise. All rights reserved

Figure 21 : License Generation - OS6560/MACSEC

2. When all the licenses related to Order Number and Customer Number has been generated:

When all the licenses have been generated for the specified Customer Number and Order Number then user will encounter the below error page.





License Generation - OS6560/MACSEC

l License consumed for	the Customer Number and Order Number
88345	
5438812]
]
Clear	Submit Download History
<u>User M</u>	anual for OS6560/MACSEC
Desktop compatibility w: © 2017, Alı	ith v11+ <u>Terms & Conditions</u> catel-Lucent Enterprise. All rights reserved
	License consumed for 88345 5438812 Clear User M Desktop compatibility w © 2017, Al



3. If User provides Customer Number and Order Number for which no license exists (or) user provides wrong Customer Number and Order Number:

If the user provides the Customer Number and Order Number for which ordering information has not been received yet or if the user provides the wrong Customer Number and Order Number, then user will encounter below page.



License Generation - OS6560/MACSEC

	Please provide Correct Customer Number and Order Number		
Customer Number:* 🕜	88346		
Order Number:* 🕜	5438812		
Customer Email: 🞯			
	Clear Submit		
	User Manual for OS6560/MACSEC		
Desktop compatibility with vith vith Vit+ Terms & Conditions			
© 2017, Alcatel-Lucent Enterprise. All rights reserved			
	Figure 23 : License Generation - OS6560/MACSEC		



4 Steps to Retrieve Existing License

To retrieve the history of licenses that are already generated, follow these steps:

1. Enter a valid Customer Number and Order number. Once all the licenses have been generated for the provided Customer Number and Order Number then the following page appears:

Alcatel·Lucent Enterprise		
License Generation	n - OS6560/MACSEC	
A	II License consumed for the Customer Number and Order Number	
Customer Number:* 🞯	88345	
Order Number:* 🞯	5438812	
Customer Email: 🞯		
	Clear Submit Download History	
	User Manual for OS6560/MACSEC	
	Desktop compatibility with v63+, O v11+ Terms & Conditions	
	© 2017, Alcatel-Lucent Enterprise. All rights reserved	
5438812 (1).txt		Show all

Figure 24 : License Generation - OS6560/MACSEC

2. Click '**Download History**'. All the licenses generated for the Customer Number and Order number will be downloaded.

