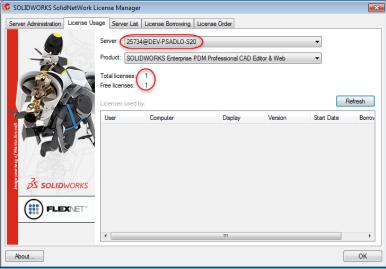
SOLIDWORKS Enterprise PDM timeout explained

SOLIDWORKS Enterprise PDM 2015 switches from the old licensing model over to SNL licensing. This raises question how the timeout license works.

The following example explains the functionality on license server with 1 license and two separate clients (**clientA**, and **clientB**). The license timeout is set to 900 second/15 minutes (the lowest possible timeout value).

Setup steps

a) License server installed on Server system with one license available



b) The timeout is set to 900 second (see details in solution S-067244).

SOLIDWORKS SolidNetWork License Manag		
Server Administration License Usage Server Li	ist License Borrowing License Order	
	License Information Modfy Reread Advanced Options License Server Uters Log Uterse Server Uters Log Uterse Server Uterse Serve	
Imgrd.le	og - Notepad	
	Format View Help	
About 10:22:00 10	9 (Imgrd)	



c) **ClientA** 'ts-pes-w76vm' is logged in to the Vault and thus consumes the available license.

🕺 SOLIDWORKS SolidNetWork I	License Manager					×			
Server Administration License Us	sage Server List	License Borrowing Licen	nse Order						
	Server: 25734	@DEV-PSADLO-S20			•				
	Product: SOLID	WORKS Enterprise PDM	Professional CAD Edit	or & Web	-				
	Total licenses: Free licenses:	0							
	Licenses used by User admin	Computer TS-PES-W76VM	Display TS-PES-W76	Version 23.0	Start Date 10/20 14:39	Refresh Borrov			
Imgrd.log - Notepad File Edit Format View Hel 10:22:09 (Imgrd) World 10:22:09 (Imgrd) Licen:	Wide Web: 1	http://www.flexer	asoftware.com	RKS Solid	etwork Licen	ise Manage	er\licenses\s		
10:22:09 (1mgrd) 1mgrd 10:22:09 (1mgrd) start 10:22:09 (1mgrd) start 10:22:09 (1mgrd) using 10:22:09 (1mgrd) Start 10:22:09 (sw_D) FlexNe 10:22:09 (sw_D) server 10:22:10 (sw_D) server 10:22:10 (sw_D) Server	tcp-port 25 ing vendor da ing vendor da vendor daem ed SW_D (pid t Licensing v options file started on o AL FILTERS at	734 aemon at port 257 on port 25735 spe 11880) version v11.11.1. : "C:\Program Fil dev-psadlo-s20 fc re OFF	35 cified in lic 2 build 13401 es (x86)\SOLI r: swepdm_c	ense file 1 i86_n3 DWORKS So adeditoran		-			
10:22:10 (Sw_D) ALL FE, 10:22:10 (Sw_D) FEATUR 10:22:10 (Imgrd) Sw_D I 10:23:29 (Sw_D) TCP_NOI 14:39:32 (Sw_D) UNSUPP support this feature. 14:39:32 (Sw_D) OUT: "	ATURES: INAC E swepdm_ca using TCP-por DELAY NOT ena ORTED: "swepo (-18.327))	TIVITY TIMEOUT se adeditorandweb IN rt 25735 abled dm_cadeditor" (PC	ACTIVITY TIME	DUT set to			cense server	system does not	E
(Sw_D) 001.	Sucham Caaca	Cor analico dairri		-		-			~

d) Trying to log into the vault from clientB 'win7x64-2-Desk' will not be allowed as expected.

SOLIDWORKS Enterprise PDM
Failed to obtain a license for SOLIDWORKS Enterprise PDM. Licensed number of users already reached.
ОК
🔄 Imgrd.log - Notepad
File Edit Format View Help
10:22:09 (lmgrd) starting vendor daemon nat port 25735 10:22:09 (lmgrd) started Sw.D (pid 11880) 10:22:09 (Sw.D) FlexNet Licensing version v11.11.2 build 134011 i86_n3 10:22:09 (Sw.D) FlexNet Licensing version v11.11.2 build 134011 i86_n3 10:22:10 (Sw.D) Server started on dev-psadlo-s20 for: swepdm_cadeditorandweb 10:22:10 (Sw.D) ALL FEATURES: INACTIVITY TIMEOUT set to 900 seconds 10:22:10 (Sw.D) ALL FEATURES: INACTIVITY TIMEOUT set to 900 seconds 10:22:10 (Sw.D) ALL FEATURES: INACTIVITY TIMEOUT set to 900 seconds 10:22:10 (Sw.D) FLATURE Swepdm_cadeditor andweb INACTIVITY TIMEOUT set to 900 seconds 10:22:10 (Sw.D) FLATURE SWEPDM_cadeditor and Seconds 10:22:10 (Sw.D) The ALL FEATURE SHORT SATURE SHORT SATURES 10:22:10 (Sw.D) TOP_NOBLAY NOT enabled 14:39:32 (Sw.D) UNSUPPORTE: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@TS-PES-w76VM (License server system does not support this feature. (-18,37))
Support this reature: "Labs2///macmadeditorandweb" admin@TS-PES-W76VM 14:39:32 (Sw_D) UNSUPPORTED: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@wIN7X64-2-DESK (License server system does not support this feature. (-18,327)) 14:43:02 (Sw_D) UNSUPPORTED: "swepdm_cadeditorandweb" admin@wIN7X64-2-DESK (Licensed number of users already reached. (-4,342)) 14:43:02 (Sw_D) UNSUPPORTED: "swepdm_cadeditorandweb" admin@wIN7X64-2-DESK (Licensed number of users already reached. (-4,342)) 14:43:02 (Sw_D) UNSUPPORTED: "swepdm_processor" (PORT_AT_HOST_PLUS) admin@wIN7X64-2-DESK (License server system does not support this feature. (-18,327))

e) **ClientA** remains logged in, but is kept inactive for 15+ minutes. This will cause the license to timeout and the SNL Server will reclaim the license from **clientA** and put it back to the license pool.

Imgrd.log - Notepad	×
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10:22:09 (lmgrd) started Sw_D (pid 11880) 10:22:09 (Sw_D) FlexNet Licensing version v11.11.1.2 build 134011 i86_n3 10:22:09 (Sw_D) using options file: "c:\Program Files (x86)\SoLIDWORKS SolidNetWork License Manager\licenses\sw_d.opt" 10:22:10 (Sw_D) Server started on dev-psadlo-s20 for: swepdm_cadeditorandweb 10:22:10 (Sw_D) ALL FEATURES are OFF 10:22:10 (Sw_D) ALL FEATURES: INACTIVITY TIMEOUT set to 900 seconds 10:22:10 (Sw_D) ALL FEATURE Swepdm_cadeditorandweb INACTIVITY TIMEOUT set to 900 seconds 10:22:10 (lmgrd) Sw_D using TCP-port 25735 10:22:210 (lmgrd) Sw_D using TCP-port 25735	*
14:39:32 (Sw.D) ONEPONDEAT NOT entational 14:39:32 (Sw.D) UNEPORTED: "Swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@TS-PES-W76VM (License server system does not support this feature. (-18,327)) 14:39:32 (Sw.D) OUT: "Swepdm_cadeditorandweb" admin@TS-PES-W76VM	
14:43:02 (Sw_D) UNSUPPORTED: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@wIN7X64-2-DESK (License server system does not support this feature. (-18.327))	
14:43:02 (Sw_D) DENIED: "swepdm_cadeditorandweb" admin@wIN7X64-2-DESK (Licensed number of users already reached. (-4,342)) 14:43:02 (Sw_D) UNSUPPORTED: "swepdm_processor" (PORT_AT_HOST_PLUS) admin@wIN7X64-2-DESK (License server system does not support this feature. (-18.327))	E
14:57:27 (SW_D) IN: "swepdm_cadeditorandweb" admin@TS-PES-W76VM (INACTIVE)	
	*

We are now at the point where the license pool has 1 available license, and **clientA** is still logged into the vault, but inactive. This available license can be either checked out again by **clientA** or another client (**clientB**) as described in the following two scenarios.



Scenario1: ClientA checking out the license

If we make **clientA** active again by accessing the vault, check-in, check-out, undo check-out, get latest, etc. **ClientA** will try to check out the license (provided it is still available). If this succeeds there will be no notification that the license was reclaimed due to the inactivity.

Scenario2: ClientB checking out the license

However, if **clientA** remains inactive and we login to the vault from **clientB**, the available license will now be checked out by **clientB** instead.

👯 SOLIDWORKS SolidNetWork	License Manager
Server Administration License L	Jsage Server List License Borrowing License Order
	Server: 25734@DEV-PSADLO-S20
	Product: SOLIDWORKS Enterprise PDM Professional CAD Editor & Web 🔻
	Total licenses: 1
	Free licenses: 0
St. HE	Licenses used by:
	User Computer Display Version Start Date Borrowe admin WIN7X64-2-DESK 23.0 10/20.15.02
HENA	admin WIN7X64-2-DESK WIN7X64-2-DESK 23.0 10/20 15:02
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35 SOLIDWORKS	10:23:29 (SW_D) TCP_NODELAY NOT enabled 14:39:32 (SW_D) UNSUPPORTED: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@TS-PE5-W76VM (License server system does not
	14:39:32 (Sw_D) UNSUPPORTED: "Swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@TS-PES-W76VM (License server system does not support this feature. (-18,327)) 14:39:32 (Sw_D) OUT: "Swepdm_cadeditorandweb" admin@TS-PES-W76VM 14:39:32 (Sw_D) UNSUPPORTED: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@WIN7X64-2-DESK (License server system does not
	14:43:02 (Sw_D) UNSUPPORTED: SWEDDM_cadeditor (PORT_AT_HOST_PLUS) administration (Literise Server System does not support this feature (-18,327)) 14:43:02 (Sw_D) DENIED: "swepdm_cadeditorandweb" admin@wIN7X64-2-DESK (Literise aready reached. (-4,342))
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	JALPSIC (SW_D) IX: "Svepdm_cadeditorandweb" admin@TS-PES-W76VM (INACTIVE) 14:57:27 (SW_D) IX: "svepdm_cadeditorandweb" admin@TS-PES-W76VM (INACTIVE) 15:02:57 (SW_D) UNSUPPORTED: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@WIN7X64-2-DESK (License server system does not
About	support this feature. (-18,327)) 15:02:57 (Sw_D) OUT: "Swepdm_cadeditor andweb" admin@wIN7X64-2-DESK

If **clientA** becomes active again it will try to check out the license, but since there are now no available licenses the log will show that the check out is denied.

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14:39:32 (Sw_D) OUT: "swepdm_cadeditorandweb" admin@T5-PES-W76VM 14:43:02 (Sw_D) UNSUPPORTED: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@WIN7X64-2-DESK (License server system does not support this feature. (-18.327))	*
14:43:02 (Sw_D) DENIED: "Swepdm_cadeditorandweb" admin@wTN7X64-2-DESK (Licensed number of users already reached. (-4,342)) 14:43:02 (Sw_D) UNSUPPORTED: "Swepdm_processor" (PORT_AT_HOST_PLUS) admin@wIN7X64-2-DESK (License server system does not Support this feature. (-18,327)) 14:57:27 (Sw_D) IN: "Swepdm_cadeditorandweb" admin@T5-PE5-W76VM (INACTIVE)	
15:02:57 (sw_D) UNSUPPORTED: "swepdm_cadeditor" (PORT_AT_HOST_PLUS) admin@wIN7x64-2-DE5K (License server system does not support this feature. (-18.327))	
15:02:57 (SW_D) OUT: "swepdm_cadeditorandweb" admin@wIN7X64-2-DESK 15:09:32 (SW_D) DENIED: "swepdm_cadeditorandweb" admin@rIS-PES-w76VM (Licensed number of users already reached. (-4,342:10054 "")	
15:09:32 (5w_D) DENIED: "swepdm_cadeditorandweb" admin@T5-PE5-W76VM (Licensed number of users already reached. (-4,342:10054 ""))	

This will start a 'grace period' that is about 20 minutes, allowing **clientA** to still work in the vault. After the grace period a notification balloon will pop-up, informing the user that the license cannot be checked out. Note that if a license becomes available during this grace period, **clientA** will check out that license.



If a license is still not available, after an additional 10 minutes a second pop-up will show up informing the user that the connection to the vault will be lost.





A login dialog will show and user will be unable to login unless a license becomes available.

