

Viz Licensing Administrator Guide

Version 3.0



Copyright ©2023 Vizrt. All rights reserved.

No part of this software, documentation or publication may be reproduced, transcribed, stored in a retrieval system, translated into any language, computer language, or transmitted in any form or by any means, electronically, mechanically, magnetically, optically, chemically, photocopied, manually, or otherwise, without prior written permission from Vizrt.

Vizrt specifically retains title to all Vizrt software. This software is supplied under a license agreement and may only be installed, used or copied in accordance to that agreement.

Disclaimer

Vizrt provides this publication "as is" without warranty of any kind, either expressed or implied. his publication may contain technical inaccuracies or typographical errors. While every precaution has been taken in the preparation of this document to ensure that it contains accurate and up-to-date information, the publisher and author assume no responsibility for errors or omissions. Nor is any liability assumed for damages resulting from the use of the information contained in this document. Vizrt's policy is one of continual development, so the content of this document is periodically subject to be modified without notice. These changes will be incorporated in new editions of the publication. Vizrt may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time. Vizrt may have patents or pending patent applications covering subject matters in this document. The furnishing of this document does not give you any license to these patents.

Antivirus

Vizrt does not recommend or test antivirus systems in combination with Vizrt products, as the use of such systems can potentially lead to performance losses. The decision for the use of antivirus software and thus the risk of impairments of the system is solely at the customer's own risk.

There are general best-practice solutions, these include setting the antivirus software to not scan the systems during operating hours and that the Vizrt components, as well as drives on which clips and data are stored, are excluded from their scans (as previously stated, these measures cannot be guaranteed).

Technical Support

For technical support and the latest news of upgrades, documentation, and related products, visit the Vizrt web site at www.vizrt.com.

Created on

2023/09/14

Contents

1	Introduction	5
1.1	Key Features	5
2	License Options	6
2.1	Supported Setups	6
2.2	Hardware Dongle	6
2.3	Software/WIBU Container	7
2.4	License Server Issues	7
3	System Requirements	8
3.1	Supported Products	8
3.2	Supported Browsers	8
4	Getting Started	9
4.1	Before Installation	9
4.2	During Installation	9
4.3	After Installation	9
4.4	Log In	9
4.4.1	I License Portal	
4.4.2	2 Troubleshooting	11
4.5	Online License Activation	11
4.5.1	Activating a License using Online Activation	11
4.5.1 4.6	Activating a License using Online Activation Offline License Activation	
		13
4.6	Offline License Activation	13 19
4.6 4.7	Offline License Activation Auto Update	13 19 21
4.6 4.7 5	Offline License Activation Auto Update License Server Setup and Administration	13 19 21 21
4.6 4.7 5 5.1	Offline License Activation Auto Update License Server Setup and Administration License Server Installation	13 21 21 22
4.6 4.7 5 5.1 5.2	Offline License Activation Auto Update License Server Setup and Administration License Server Installation Client Configuration Back-up Strategy	13 21 21 22 24
4.6 4.7 5 5.1 5.2 5.3	Offline License Activation Auto Update License Server Setup and Administration License Server Installation Client Configuration Back-up Strategy Amazon AWS Cloud	13 21 21 22 24 24
4.6 4.7 5 5.1 5.2 5.3 5.3.1	Offline License Activation Auto Update License Server Setup and Administration License Server Installation Client Configuration Back-up Strategy Amazon AWS Cloud Microsoft Azure Cloud	13 21 22 22 24 24 24 28
4.6 4.7 5 5.1 5.2 5.3 5.3.1 5.3.2	Offline License Activation. Auto Update License Server Setup and Administration. License Server Installation. Client Configuration Back-up Strategy Amazon AWS Cloud 2 Microsoft Azure Cloud	13 21 21 22 24 24 24 24 24 24 24 24 23
4.6 4.7 5 5.1 5.2 5.3 5.3.1 5.3.2 5.3.2	Offline License Activation Auto Update License Server Setup and Administration License Server Installation Client Configuration Back-up Strategy Amazon AWS Cloud Microsoft Azure Cloud S VMWare ESxi	13 21 21 22 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 23 23 23
4.6 4.7 5 5.1 5.2 5.3 5.3.1 5.3.2 5.3.2 6	Offline License Activation Auto Update License Server Setup and Administration License Server Installation Client Configuration Back-up Strategy Amazon AWS Cloud Microsoft Azure Cloud VMWare ESxi Managing Licenses	13 21 21 22 24 24 24 24 24 24 24 24 24 24 25 24

6.4	Account	36
6.5	Rehosting Licenses	37
6.6	Splitting Licenses	38
6.7	License Admin	40
6.7.1	Admin	40
6.7.2	Groups	43
6.8	Viz Artist	43
6.8.1	Free Viz Artist License	43
7	Troubleshooting	46
7.1	Using a License Server and the Application Does Not Start because No Licen Found	
7.2	The Free Edition of Viz Artist is Not Loading	46
8	FAQ	48
8.1	Can Licenses Be Updated during Run-time?	48
8.2	What Should I Do if my Software Container Is Corrupt?	48
8.3	How to Upgrade Old Sentinel Licenses to the New Portal?	48
8.1	Can Licenses Be Updated during Kun-time?	42

1 Introduction

Vizrt is introducing a new License Portal that enables customers to manage licenses, using WIBU Systems. This documentation guides you through the different options and processes.

1.1 Key Features

- · Customers will have access to two separate views, licenses and containers.
- · Search functionality for licenses, tickets and containers.
- The moment a license is issued, there is immediate license availability (no HTML files transfer required).
- The Customer Organizational Structure is included in the new portal (Salesforce integration).
- · A simplified user experience with community login enablement.

This software protection program is implemented in Vizrt software as part of major new releases. Prior versions covered by software protection can continue to run on the node-locked licensing.

2 License Options

- Supported Setups
- Hardware Dongle
- Software/WIBU Container
- License Server Issues

2.1 Supported Setups

Client Type	Hardware Dongle	Software/WIBU Container	License Server		
On-Premise					
Physical local machin es	0		•		
Virtualized local machines			⊘		
Physical license servers	Ø	⊘ *			
Virtualized license servers	Ø				
Cloud					
Client machines					
License servers					
Note: Whilst technically possible to have a physical license server within the software container, it is strongly recommended to use a physical dongle. See the License Server Issues below.					

2.2 Hardware Dongle

These are recommended for on-premise license servers, as they can be attached to a backup server without further restrictions.

2.3 Software/WIBU Container

When software/WIBU dongle containers are used, a full daily backup including system state is recommended to allow for a smooth restore that includes the current license status.

2.4 License Server Issues

Please read the following carefully:

- · Cloud based license servers are *not* supported.
- Using a virtualized license server, requires routing the WIBU dongle (USB device) to the specific VM, and needs to be visible inside the Codemeter software. Vizrt is responsible for providing a functioning WIBU dongle, and does not further support the dongle's use in a VM setup.

(i) Quick Troubleshooting

- Software container protection is performed on the hardware elements at validation.
 - If you change the hardware, the WIBU container validation may fail, making licenses unavailable.
 - Where the license server is placed on a VM setup, a common issue will be the dongle not displaying in the CodeMeter. This can be difficult to identify, as incomplete dongle routing may appear at first examination, to be correct.

3 System Requirements

In this section you can find the products that support Viz Licensing and the supported browsers.

3.1 Supported Products

Vizrt Product	First Version Supporting WIBU V2	First Version Supporting WIBU V3
Viz Engine	3.10.0	ТВА
Graphic Hub	3.1.0	ТВА
Viz Virtual Studio	1.1.1	ТВА
Media Sequencer	5.4.0	ТВА
Viz Trio	4.0.0	ТВА
Viz Multiplay	See MSE	ТВА
Viz Pilot Edge	See MSE	ТВА
Viz Libero	6.11.2	ТВА
Viz Arena	5.0.0	ТВА
Viz Arc	1.0.0	ТВА
Viz Vectar	1.0.0	ТВА
Viz Datacenter	1.0.0	ТВА

3.2 Supported Browsers

- · Google Chrome
- Firefox
- Microsoft Edge

4 Getting Started

This section contains information on the following topics:

· Log In

- Online License Activation
- Offline License Activation
- Auto Update

4.1 Before Installation

- 1. Start the CodeMeter Control Center and click the **WebAdmin** button. The WebAdmin page will open in your browser.
- 2. Click **Configuration**.
- 3. Note down the entries in the CodeMeter Server Search List, including the IP address.

4.2 During Installation

During installation, you will be prompted about which features to install. For the "Automatic server search" feature, select "Entire feature will be unavailable". The rest of the features should be left at their defaults.

4.3 After Installation

- 1. Start the CodeMeter Control Center and click the **WebAdmin** button. The WebAdmin page will open in your browser.
- 2. Click Configuration.
- 3. Check the Server Search List for an entry named "Automatic server search (255.255.255.255)".
- 4. If you find the entry on the list, click on the green trashcan icon on the same line to delete it.
- 5. If the entries that you noted down before the installation are missing from the list, add them.
- 6. **Apply** the changes.

4.4 Log In

This page contains the following information:

- License Portal
- Troubleshooting

4.4.1 License Portal

The License Portal can be reached at https://license.vizrt.com.

Log In Page

Tip: If you already have an account for https://case.vizrt.com, you can use the same credentials.

Once in the license portal, you can use the **Community Login** button and the SSO of Vizrt to log into the portal.

VIZRTGROUP	Home Auto Update
Welcome to License Portal	
Here you can manage your licenses and Email Address	your tickets. Create your account to get access to your licenses anytime and everywhere. Please enter your email address and password and click "Login". Password Login
Here you can manage your licenses and Use your OpenID Connect Providers logi Sign in with your OpenID Connect Provid	in to get access to your licenses everytime and everywhere.

\ <mark>vizr</mark>	EV
Username	
Password	
Log In to Sandb	ox
Remember me	
Forgot Your Password?	
Vizrt UAT employee?	Log In

Free Viz Artist Log In

For the free Viz Artist Licenses, you can use the Community Login or the credentials created if you previously signed up as a Free Viz Artist user.

For more information regarding the free Viz Artist license, please check the Viz Artist section.

4.4.2 Troubleshooting

If you encounter any issues in the license portal, please use the Vizrt Support Portal (https:// case.vizrt.com) and open a support case stating the issue.

4.5 Online License Activation

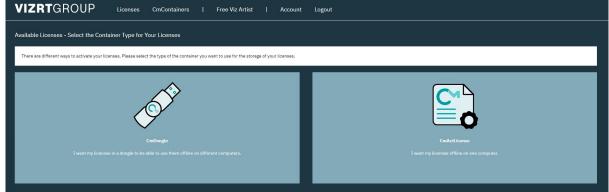
4.5.1 Activating a License using Online Activation

To activate a license on a computer that has a connection to the internet, go to https://license.vizrt.com and login with your Vizrt Community user. Alternatively, you can also directly go to the license portal when you are logged into the Vizrt Community Portal.

1. To activate a license, navigate to the Licenses Tab within the Portal, where the currently available licenses are displayed. Click the **Activate Licenses** button to start.

Licenses									
Show 10 v entries								Search:	
Name				÷ 1	Ticket	Activated On	CmContainer	🍦 Status	¢
V3 Viz Engine - Artist - (Network)				¢	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	-		Available	
V3 Viz Engine - Engine Core - (Network)				¢	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available	
V3 Viz Engine - SDI/IP OUT Channel - (N	etwork)			¢	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available	
V3 Viz Engine - SDI/IP Video Input Enab	lement (max) - (N	ietwork)		ç	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available	
Showing 1 to 4 of 4 entries									

2. You now have to select if the license should be activated on a CmDongle or a CmActLicense which is the software container applied directly to the computer.



3. The next interface shows all the licenses available for activation. The license features can be individually selected for activation.

Select the container that will host the licenses, if there is no container available, the portal will create a new one on activation. Once the required features are selected, click **Activate**

icenses now.				
VIZRTGROUP Licenses CmContainers	Free Viz Artist Account Logout			
Available Licenses				
Name	Ticket	Activated On	CmContainer Status	
V3 Viz Engine - Artist - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E		Avaitable	
V3 Viz Engine - Engine Core - (Network) (License Quantity: 5)	QBDZ3-GB35H-K4RU4-PTNES-ZGB2E		Available	
V3 Viz Engine - SDI/IP OUT Channel - (Network) (License Quantity: 10)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E		Available	
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network) (License Quantity: 5)	QBDZ3-GB35H-K4RU4-PTNES-ZGB2E		Available	
Select CmContainer				
Activate Selected Licenses Now				
Select binding Licenses				

4. Once the activation is started, a pop-up window will provide an update on the state of the activation. When finished press **OK** to get back to the licenses overview where the activated licenses have additional information on activation date and the used CmContainer or dongle

available.				
VIZRTGROUP Licenses CmContainers				
Available Licenses				
	Online License Transfer			
Name	Starting license transfer. Creating license request.	Activated On	CmContainer	Status
V3 Viz Engine - Artist - (Network) (Licence Quantity: 5)	Downloading license update. Importing license update to CmContainer. Creating receipt.			
V3 Viz Engine - Engine Core - (Network) (License Quantity: 5)	Uploading receipt.	-		Available
V3 Viz Engine - SDI/IP OUT Channel - (Network) ().come Quantity:10)	License transfer completed successfully!			
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network) (license Quantity: 5)	ОК	-		Available
Select CmContainer				
130-1197880238 (Universal Firm Code CmActLicense 6001709) 👻 🚺				
Activate Selected Licenses Now				
Select binding				
K Licenses				

4.6 Offline License Activation

	License Portal
	1
	 ✓ · · · · · · · · File Exchange
Offline Client	Online Client

To activate a license on a computer that has no connection to the internet, go to https:// license.vizrt.com and login with your Vizrt Community user on a different computer that has internet connection. Alternatively, you can go directly to the license portal when you are logged into the Vizrt Community Portal. 1. To activate a license, navigate to the Licenses Tab within the portal where you will see the currently available licenses. Click the **Activate Licenses** button to start.

Licenses				
Show 10 ventries				Search:
Name	≜ Ticket	Activated On	CmContainer	‡ Status ‡
V3 Viz Engine - Artist - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2	E -		Available
V3 Viz Engine - Engine Core - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2	e -		Available
V3 Viz Engine - SDI/IP OUT Channel - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2	Е -		Available
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2	- E		Available
Showing 1 to 4 of 4 entries				

2. You now have to select if the license should be activated on a CmDongle or a CmActLicense which is the software container applied directly to the computer.

VIZRTGROUP Licenses CmContainers Free Viz Artist Account	Logout					
Available Licenses - Select the Container Type for Your Licenses						
There are different ways to activate your licenses. Please select the type of the container you want to use for the storage of your licenses.						
Entrange Leader to be able to use them office on different computers.	Contract Contract The end of the one operator					

3. In this view, instead of selecting and activating the available licenses directly, click **File-based license transfer**.

uilable Licenses				
Z Name	Ticket	Activated On	CmContainer	Status
V3 Viz Engine - Artist - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available
V3 Viz Engine - Engine Core - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	-		Available
V3 Viz Engine - SDI/IP OUT Channel - (Network) (License Quantity: 10)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	-		Available
elect CmContainer				
130-1197880238 (Universal Firm Code CmActLicense 6001709) 👻 🖸				
Activate Selected Licenses Now				
Select binding				

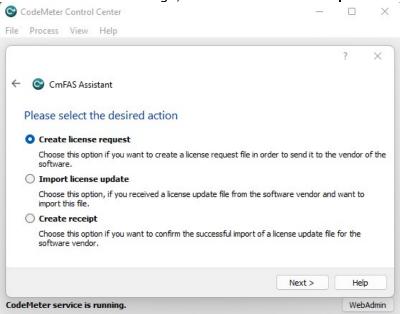
4. In the offline activation view it is also possible to select the license features that are required on the external remote computer. Select the ones that are required, then change to the

ZRTGROUP Licenses CmContainers Free Vi	z Artist Account Logout			
able Licenses				
Upload Request	Download Update		Upload Receipt	
2 Name	Ticket	Activated On	CmContainer	Status
V3 Viz Engine - Artist - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	¥.		Available
V3 Viz Engine - Engine Core - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	-		Available
V3 Viz Engine - SDI/IP OUT Channel - (Network) (License Quantity: 1.0)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	-		Available
lect an already used CmContainer No CmContainer found! 🖌				
k a license request file (*WibuCmRaC) of another CmContainer				
k a neense request me t-vindocrinato or another cincontainer Datel auswählen. Keine ausgewählt				
Start Activation Now				

5. On the remote computer open the CodeMeter Control Center. Select the Container the license should be activated on and click License Update.

icense Events	
Universal Firm Code CmActLic 130-1197880238	Name: Universal Firm Code CmActLicense 6001709
	Serial: 130-1197880238
	Version: CmActLicense 3.00
	Status: 😋 License activated
	License Update Remove License

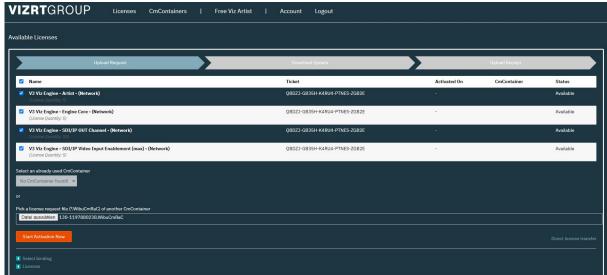
6. After the welcome message, select **Create license request** and click next.



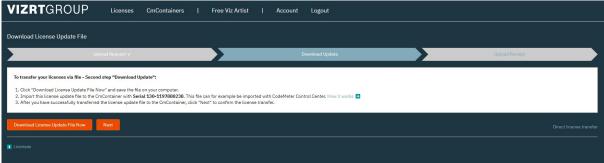
7. Select the path where the Request file should be stored and click **Commit** to generate the file.

Process View Help			
		?	×
- 🕒 CmFAS Assistant			
Please select the file name			
C:/Licenses/130-1197880238.WibuCmRaC Select a file name for storing the license request file. Then dick on then send this file to the vendor by email.	'commit' to create the	file. You c	
C:/Licenses/130-1197880238.WibuCmRaC Select a file name for storing the license request file. Then click on	'commit' to create the	file. You c	

8. Copy the created file to the computer with the license portal open and upload it using **Select** File. Click Start Activation Now.



9. Once the file is successfully uploaded, click **Download License Update File Now**. Once the file is downloaded click **Next**.



10. Copy the update file to the remote computer and open CodeMeter Control Center. Click License Update again and then select **Import license update**. Select the file that has been



11. After successfully importing the update file press License Update again and select **Create receipt**. Choose the path where the Receipt file should be saved and press **Commit**.

S CodeMeter Control Center			\times
File Process View Help			
		?	×
← ⓒ CmFAS Assistant			
Please select the desired action			
Create license request			
Choose this option if you want to create a license request file in a software.	order to send it to th	ie vendor	of the
Import license update			
Choose this option, if you received a license update file from the import this file.	software vendor an	d want to)
• Create receipt			
Choose this option if you want to confirm the successful import o software vendor.	of a license update fil	e for the	
	Next >	Hel	p
odeMeter service is running.		Web	Admin

12. Copy the receipt file from the remote computer to the one with the license portal still open and upload the receipt file by using **Pick license receipt file**.

VIZRTGROUP Licenses CmContainers Free Viz Artist Account Logout
Confirm License Transfer
Upload Request v Download Uplate Upload Rocept
To transfer your licenses via file - Third step "Upload Receipt*: 1. Create a license receipt file from the CmContainer with Serial 130-1197880238 and Firm Code 6001709. This file can for example be created with CodeMeter Control Canter. How it works 2. Select the created license receipt file. 3. Click "Upload Receipt Nov". If you haven't imported the license update file yet, you can download it again. Click "Back" to get to the download page.
Pick license receipt file (*WBuCmRac) Date/auswahien 130-11978800238.WibuCmRaC
Upload Receipt Now Back

13. Once uploaded click **Upload Receipt Now**. This will finish the activation of the license. Pressing **OK** will redirect the portal to the licenses overview.

VIZRTGROUP	Licenses	CmContainers	Ι	Free Viz Artist	I	Account	Logout
License Transfer Successfully Comp	leted						
The license transfer has been completed su	ccessfully.						
ок							

4.7 Auto Update

The License Portal supports the option to update licenses on CmDongles or CmAct Software Containers without login into to the portal, allowing a faster and easier way of applying licenses. The Auto Update will then check if there is a newer version of the currently applied license available in the system. A newer version could be a license extension or an update of the Maintenance Period.

1. Go to the Vizrt License Portal and select **Auto Update** from the top menu. The CmContainer currently connected to the computer will be displayed. Click **Check License Update** to check if an update is available.

VIZRTGROUP	Home	Auto Update	
Automatic License Update			
Welcome to automatic license update. Here you find license updates for your CmC Select the CmContainer, you want to updat			license. Ju can transfer these updates during the next step.
Select CmContainer 130-1197880238 (Universal Firm Code Cm. Check License Update	ActLicense 6001	709) 🗸 🚺	

2. If an update is available, the changed features are displayed. Click **Transfer License Updates Now** to apply the changes.

VIZRTGROUP Home Auto Update			
Available Automatic License Updates			
To transfer your automatic license updates to CmContainer: 1. Make sure that the CmContainer with Serial 130-1197880238 is connected to this computer. If this CmContaine 2. Click "Transfer License Updates Now".	er is not connected to this computer, connect it now and click "Res	can for CmContainers".	
Name	Ticket Activated On	CmContainer	Status
V3 Viz Trio - Viz Trio Core - (Network) (License Quantity: 1)		130-1197880238	Auto Update
V3 Media Sequencer Engine - MSE Core - (Network) (License Quantity: 1)		130-1197880238	Auto Update
V3 Viz Engine - Preview Core - (Network) (License Quantity: 1)	đ	130-1197880238	Auto Update
Transfer License Updates Now			File-based license transfe

3. If an Auto Update is available, there will also be a button within the licenses tab when logged into the licenses portal, which provides the same functionality. Alternatively, it is also possible to select the single feature directly from the displayed licenses list. This also forwards to the same page.

VIZRTGROUP Licenses CmContaine	rs Free Viz Artist Account Logout			
Licenses				
Show 10 v entries				Search:
Name	Ticket	Activated On	CmContainer	↓ Status
Data Center - Data Center Core - (Local)	45RYJ-TDUP8-68T9H-72V73-Z2DRG	2023-02-15	3-4928787	Activated
Data Center - Data Center Core - (Local)	45RYJ-TDUP8-68T9H-72V73-Z2DRG	2023-02-15	130-1762778500	Activated
Free Viz Artist Imi1 - Free Viz Artist - (Local)	7RZ4A-CTGSK-P9FM7-6A67B-SFT59			Available
V3 Media Sequencer Engine - MSE Core - (Network)	ZMAWJ-ER4PD-KZUZZ-9CJTG-2MKLB	2023-02-22	130-1197880238	Auto Update
V3 Media Sequencer Engine - MSE Core - (Network)	ZMAWJ-ER4PD-KZUZZ-9CJTG-2MKLB		130-1197880238	Auto Update
V3 Viz Engine - Artist - (Network)	M6GEH-8D2WH-F9D4G-SPPHQ-7PTS5			Available
V3 Viz Engine - DVI out HD - (Network)	M6GEH-8D2WH-F9D4G-SPPHQ-7PTS5	•		Available
V3 Viz Engine - DVI out HD - (Network)	M6GEH-8D2WH-F9D4G-SPPHQ-7PTS5			Available
V3 Viz Engine - DVI OUT Max Resolution - (Network)	M6GEH-8D2WH-F9D4G-SPPHQ-7PTS5			Available
V3 Viz Engine - Engine Core - (Network)	M6GEH-8D2WH-F9D4G-SPPHQ-7PTS5			Available
Showing 1 to 10 of 15 entries				Previous 1 2 Next
Activate Licenses Re-Host Licenses Split Licenses Auto) Update			

5 License Server Setup And Administration

This chapter covers the necessary environment requirements and preparations. It also covers the required setup to enable client workstations to connect to a license server in order to lease a license.

The CodeMeter Control Center application and documentation is automatically installed on your license server together with the Vizrt License Service. CodeMeter Control Center is the tool for License Server Administration.

- License Server Installation
- Client Configuration
- Back-up Strategy

5.1 License Server Installation

To setup a license server either select the network option when installing CodeMeter Runtime or follow the steps below:

- 1. In the WIBU WebAdmin go to Configuration \rightarrow Server Configuration \rightarrow Server \rightarrow Server Access and Enable the network server. The CmWAN Server should stay disabled.
- 2. Press Apply to finalize.

Server Access	License Access Permissions	6		
-Network Serve	r			
O Disable				
 Enable 				
Network Port *:	22350			
-CmWAN Server			_	
 Disable 				
O Enable				

- This enables external clients to connect to the license server.
- 3. To access the WebAdmin from an external client, enable the Remote Read Access: Configuration \rightarrow Basic \rightarrow WebAdmin.

UIBU SYSTEMS			CodeM	eter Web	Adm
Dashboard	Container 🗸	License Monitoring v	Diagnosis ~	Configuration ~	Info
🔅 Basic Cont	iguration Web	Admin			0
Server	Search List	Proxy WebAdmin	Backup		
Remot	e Read Acc	ess			
 Allow 	v				
O Deny	<i>,</i>				
		f the CmWebAdmin service			

4. To access an external license server WebAdmin select the **Current Server** from the bottom of the menu.

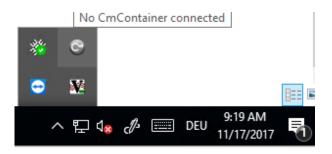
The WebAdmin will then list the available servers which can be viewed by selecting them.

Server found:	
0	
Use IP address	
Apply Cancel	
Current Server: localhost (127.0.0.1) 🚱 🛛 🕚	WebAdmin Version: 7.40

5.2 Client Configuration

Clients running Vizrt software products can connect to a license server, therefore the CodeMeter Runtime needs to be installed and the connection to the license server must be configured accordingly.

The Viz software installation package adds the **CodeMeterControlCenter** application. Check your Windows system tray for this icon:



The icon is inactive when the software does not detect a hardware dongle or software container. You can still open it to configure the license server.

If the application is not running, you can run the executable from: C:\Program Files (x86)\CodeMeter\Runtime\bin\CodeMeterCC.exe.

In the CodeMeter Control Center, click WebAdmin:

S CodeMeter Control Center	- 🗆 X
<u>F</u> ile <u>P</u> rocess <u>V</u> iew <u>H</u> elp	
License Events	
	No CodeMeter License information available. No CmContainer found.
CodeMeter is started.	WebAdmin

Go to **Configuration > Basic > Server Search List**. Press the plus (+) icon to **add new Server**.

< > < http://l	localhost:22350/confi	guration/server_search_	list.htm 🔎 👻 😋 WebAdmin	Dashboard G	WebAdmin Server Search List	S WebAdmin Server Search ×			
	SYSTEMS			CodeM	eter WebAd	lmin			Сч
	Dashboard	Container ~	License Monitoring ~	Diagnosis 🗸	Configuration - Inf				*
	😫 Basic Config	guration Server	Search List				0	📕 English (US)	~
	Server	Search List	Proxy WebAdmin	Backup					
		Search List	:			1			
		ver added					_		
		idd new Server							
				Apply	Restore Defaults				

The available license servers can be found with either the IP address or the server hostname of your on-premise license server. Press **Apply** to finish.

Clients that run on a subnet defined in a VM cloud infrastructure provider must configure a VPN gateway to establish a secure server connection.

Server Search Li	st		
No server added			
Enter the Server's nan	e or IP-Address:		
Enter the Server's nan 192.168.1.1	ne or IP-Address:	× Add	Cancel
	ne or IP-Address:	× Add	Cancel

5.3 Back–Up Strategy

This chapter contains information about the necessary steps in your back-up strategy to ensure uninterrupted Vizrt Licensing services:

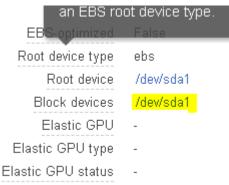
- Amazon AWS Cloud
- Microsoft Azure Cloud
- VMWare ESxi

5.3.1 Amazon AWS Cloud

To ensure the full functionality of your Vizrt licenses after a restore, please follow the steps below for creating a supported back-up.

Create Volume Snapshot

Step 1: Under the **Description** tab for the instance, you can see the block devices for this particular instance.



Step 2: Click on the block device to check the volume's **EBS ID**. If there is only one volume available in the server, the volume should be the same as the root device. This becomes the volume for the snapshot.

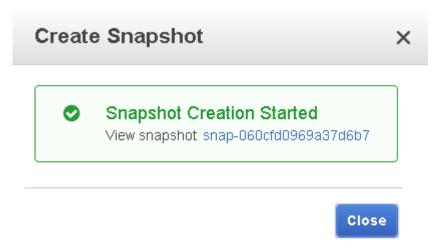
Block Device /dev/sda1	
EBS ID	<u>vol-</u> 0714338d58986ae36
Root device type	EBS
Attachment time	2018-03- 02T09:23:09.000Z
Block device status	attached
Delete on termination	False

Step 3: Click on the EBS ID to access the volume overview.

Modify Volume
Create Snapshot
Delete Volume
Attach Volume
Detach Volume
Force Detach Volume
Change Auto-Enable IO Setting
Add/Edit Tags

Then, right-click the volume and select **Create Snapshot**.

Create Snap	oshot		×
Volume	(j)	vol-0714338d58986ae36	
Name	(j)	SnapshotName	
Description	(i)	Description	
Encrypted	(j)	No	
		Cancel	te



Step 4: After you have created the snapshot, it is visible in the snapshot overview. Right-click and select **Create Volume**.



Step 5: In the **Create Volume** wizard, ensure that you select the correct value in the **Availability Zone*** input field so that the volume is available to where your virtual machine is located. After you have created the volume, it is visible in the volume overview.

Create Volume

Are you sure you want to perform this action?

Snapshot ID	snap-060cfd0969a37d6b7	SnapshotName
Volume Type	General Purpose SSD (G	P2) 🔻 🚯
Size (GiB)	30	(Min: 1 GiB, Max: 16384 GiB)
IOPS	100 / 3000	(Baseline of 3 IOPS per GIB with a minimum of 100 IOPS, burstable to 100 IOPS)
Availability Zone*	eu-west-1c	• 0
Throughput (MB/s)	Not applicable 🚯	
Encryption	false	
Tags	Add tags to your yolur	ne

Restore

To restore the state of the virtual machine to the state of this volume, you must first detach the damaged/old volume in the virtual machine. Next, attach the virtual machine volume to the instance from which the snapshot has been taken by right-clicking the volume and selecting **Attach Volume**.

Modify Volume
Create Snapshot
Delete Volume
Attach Volume
Detach Volume 🔍
Force Detach Volume
Change Auto-Enable IO Setting
Add/Edit Tags

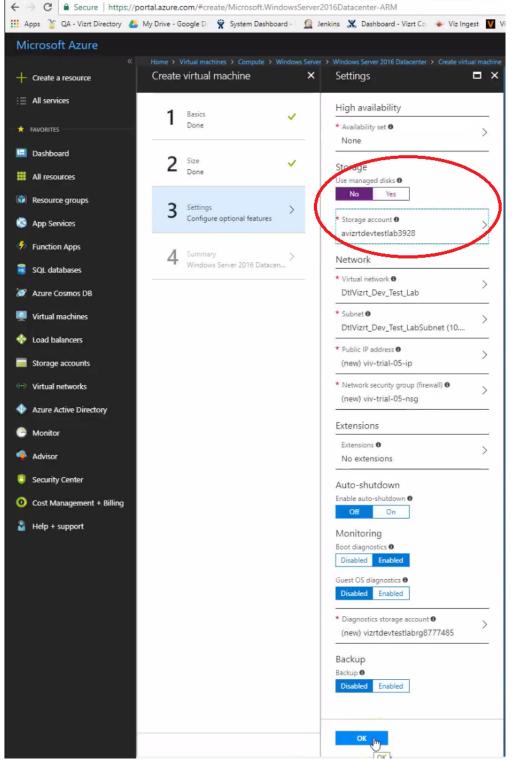
Select the correct instance and enter /dev/sda1 into the **Device** input field. This sets your volume to be your boot volume.

Attach Volume		×
Volume (j) Instance (j)	vol-0418307bddcc9a22d in eu-west-1c	in eu-west-1c
Device 🧃	<mark>/dev/sda1</mark> Windows Devices: xvdf through xvdp	
		Cancel Attach

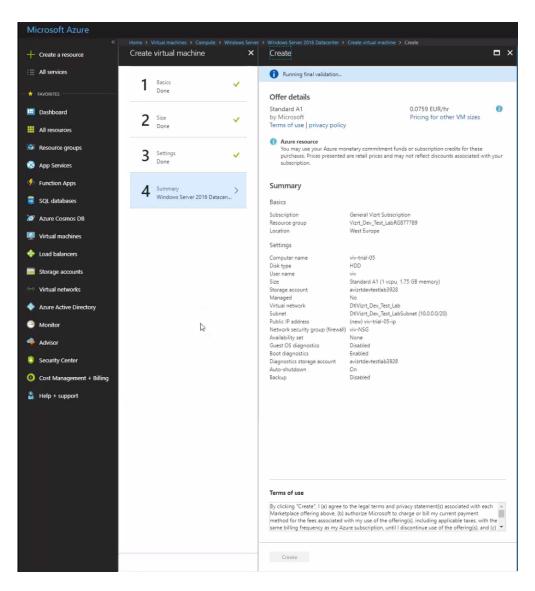
After completing this step, the virtual machine can be turned on again. It is now using a valid license.

5.3.2 Microsoft Azure Cloud

To ensure full license availability, back-ups need to be created using blob storage (unmanaged OS disk).



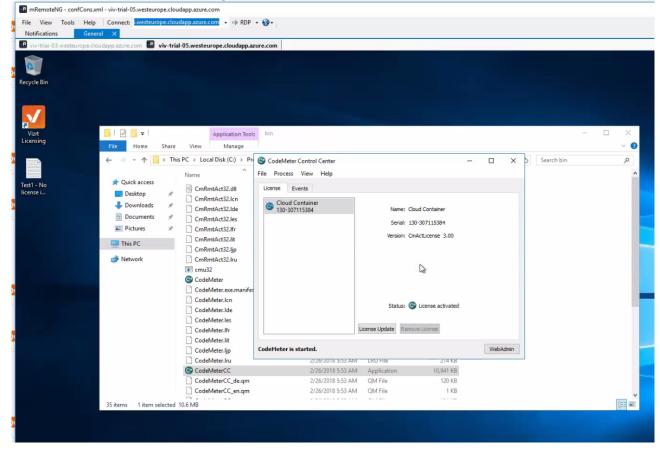
1. Create a VM with unmanaged disks and select the storage account that supports blob.



2. In order to view the OS VHD disks of VM, you need the **Microsoft Azure Storage Explorer** tool. This tool can be installed from https://azure.microsoft.com/en-us/features/storage-explorer/. Follow the on-screen instructions and install the tool on your computer. Open the **Microsoft Azure Storage Explorer** with Azure subscription. After successful authentication, the storage blob is displayed in Windows Explorer.

t <u>View</u> <u>H</u> elp											
EXPLORER		🖾 vhds 🗙									
Search for resources	<u>م</u>	$$ \downarrow \rightarrow $+$	8 D. M	ñ 🛋	X	G.	ß	Σ	0		
Collapse All	Refresh All		er Copy URL Select All Copy	Paste Rename			Properties		Refresh		
n# Quick Access											
 Ø (Local and Attached) 		$\leftarrow \rightarrow \lor \uparrow$ vhds								Search by	prefix (case-sensitive)
 Cosmos DB Accounts (Preview) 		Name	 Last Modified 	Blob Type	Content Type	Size L	ease State	Disk Name	VM Name	Disk Type	Resource Group Name
Data Lake Store (Preview) Im Storage Accounts			Last mounted	biob type	content type	3126 0	case state	Disk Name	vm rvame	USA type	Resource Group Name
General Vizit Subscription (viv@vizit.com)		m viv-trial-0220180319151605.vhd	Tue, 20 Mar 2018 17:56:03 GMT	Page Blob	application/octet-stream	127.0 GB					
III Storage Accounts		C viv-trial-0320180319324912-010	108, 20 Mar 2018 18:35:56 GMT	Page Blob	application/octet-stream	127.0 GB Lei	ised	vw-tnai-03	tit bid 02	OSDisk	Vizrt_Dev_Test_LabRG8777
▲	<	an viv-trial-0520180321094251.vhd	Wed, 21 Mar 2018 08:48:09 GMT	Page Blob	application/octet-stream	127.0 GB Let	used	viv-trial-05	viv-trial-05	OSDisk	rt_Dev_Test_LabRG877
Blob Containers							_				
bootdiagnostics-vivclient-8e22f627-1620-42e6-bb27-0453a34b4b2e											
bootdiagnostics-vivserv01-166dd4d1-a9/7-48b1-a7c9-5a16ac4789d9											
Bootdiagnostics-vivserv01-166dd4d1-a9f7-48b1-a7c9-5a16ac4789d9 bootdiagnostics-vivtrial0-2036d8ee-c153-497c-88f6-7ae1bd1de7dc											
bootdiagnostics-vivtrial0-2036d8ee-c153-497c-88f6-7ae1bd1de7dc											
bootdiagnostics-vivtrial0-2036d8ee-c153-497c-88f6-7ae1bd1de7dc bootdiagnostics-vivtrial0-246f0636-ccaa-4e53-ab73-0438b4236ae7											
bootdiagnostics-wintial0-2036d8e-c153-497-688%-7ae1bd1de7dc bootdiagnostics-wintial0-2469595-ccae-463-bd73-4438bd236e7 bootdiagnostics-wintial0-246745d-2464-4bab-b07-c01bf0397bd1 bootdiagnostics-wintial0-2463393d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2463393d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2463393d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2463393d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2663393d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2663393d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2663393d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2663394d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2663394d-017-4485-bd55-65185(27)73 bootdiagnostics-wintial0-2663394d-017-4485-bd55 bootdiagnostics-wintial0-2663 bootdi											
bootdiagnostics-whitelio-2406066-tosa-4653-6673-04386-7ast Hotids/7ac bootdiagnostics-whitelio-2406056-tosa-4653-6673-0438042236e7 bootdiagnostics-whitelio-24276453-2664-464-b0-7-01901397bcd1											
bootdagenatics viewala 2006dee - 2019-070-0875 - Yaki Fold refare bootdagenatics viewala 2006dee - 2019-070-0486-2018er 7 bootdagenatics viewala 2020-646-2468-0170-0170-0170-11 bootdagenatics viewala 2020-616-2422-0170-614-0180-0170-11 bootdagenatics viewala 40280-11-01-4222-0170-614-0180-0170-11 bootdagenatics viewala 40280-11-01-4222-0170-614-0180-0170-11 bootdagenatics viewala - 0146-01-42-01-009-5180-110-0170-11 bootdagenatics viewala - 0146-01-42-01-009-518010-0170-11 bootdagenatics viewala - 0146-01-42-01-009-518010-0170-11 bootdagenatics viewala - 0146-01-42-01-009-518010-0170-11 bootdagenatics viewala - 0146-01-01-010-09-518010-0170-11 bootdagenatics viewala - 0146-01-01-010-09-518010-0170-11 bootdagenatics viewala - 0146-01-01-01-00-518-010-0170-11 bootdagenatics viewala - 0146-01-01-01-00-518-010-0170-11 bootdagenatics viewala - 0146-01-01-01-00-518010-0170-11 bootdagenatics viewala - 0146-01-01-01-00-518-010-0170-11 bootdagenatics viewala - 0146-01-01-01-00-518010-0170-11 bootdagenatics viewala - 0146-01-01-01-00-518010-0170-11 bootdagenatics viewala - 0146-01-01-01-00-518010-0170-11 bootdagenatics viewala - 0146-01-01-01-01-01-01-01-01-01-01-01-01-01-											
 Isotrafagretaria-visitelii 2016/de-c13-2147-0807-halto-factoria Isotrafagretaria-visitelii 2016/de-c13-4214-38-2716-08043/de/ Isotrafagretaria-visitelii 2017/de/s2-de/de/de/0716103/07161 Isotrafagretaria-visitelii 2017/de/s2-de/de/de/0716103/07161 Isotrafagretaria-visitelii 2017/de/s2-de/de/de/de/de/de/de/de/de/de/de/de/de/d											
 Isotratiguetaria: visual: 2016/dete <139.474, 6867. http://activity.ico. Isotratiguetaria: visual: 2016/05/cau-act-318.974.1748.0346/ar Isotratiguetaria: visual: 2017/eds-3164.463.0464.010710180187/rat Isotratiguetaria: visual: 2017/eds-3164.0107101 Isotratiguetaria: visual: 2017/eds-317202217101 Isotratiguetaria: visual: 2017/eds-317202217101 Isotratiguetaria: visual: 2017/eds-3164.0107101 											
 biostagestack-whole:2016/dec-613-047-680-7.html:fair/ec biostagestack-whole:2016/dec-413-047-017-0180-7.html:fair/ec biostagestack-whole:2017-645-316-614-017-614-017-614-017-011 biostagestack-whole:2017-614-017-614-017-614-017-017-017-017-017-017-017-017-017-017											
 dostagesprace-wheat9-2006/dee-c139-47-0487-failer/tailer/ac dostagesprace-wheat9-2006/dee-ac-43-43-97-0488-544e dostagesprace-wheat9-2025-04-54-64-54-864-940-701001097bril dostagesprace-wheat9-2025-04-54-64-54-864-940-701001097bril dostagesprace-wheat9-2025-04-54-64-54-864-940-701001097bril dostagesprace-wheat9-2025-04-54-64-54-864-950-901001097bril dostagesprace-wheat9-2025-04-54-64-54-864-950-901001097bril dostagesprace-wheat9-2025-04-54-64-54-864-950-901001097bril dostagesprace-wheat9-2025-04-54-64-54-864-950-901001097bril dostagesprace-wheat9-2025-04-54-64-54-864-950-901000-901000-90100-90100-9010-9010											
 biostagestack-whole:2016/dec-613-047-680-7.html:fair/ec biostagestack-whole:2016/dec-413-047-017-0180-7.html:fair/ec biostagestack-whole:2017-645-316-614-017-614-017-614-017-011 biostagestack-whole:2017-614-017-614-017-614-017-017-017-017-017-017-017-017-017-017											

3. When VM is ready in Azure, log in to the machine, install the license container and activate it.



4. In the **Storage Explorer**, right-click on the selected VM and select **Make Snapshot**. This will create a snapshot of the OS disk with the current information (including the license container).

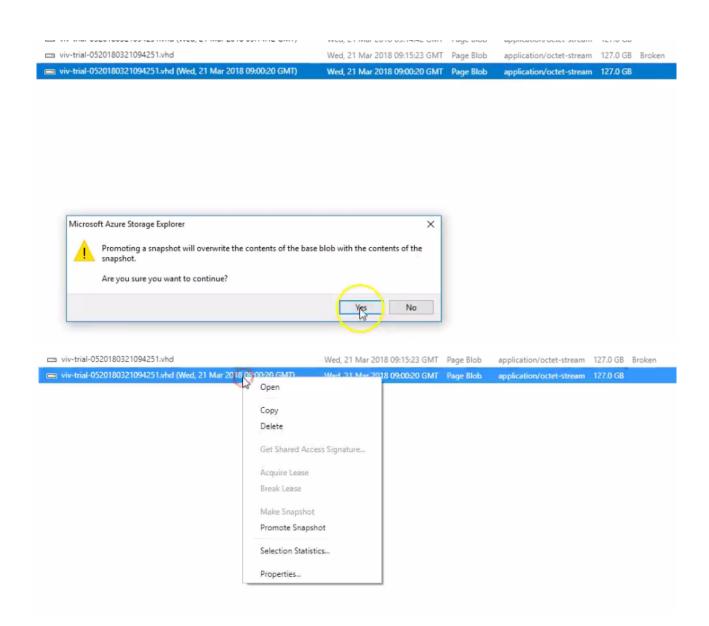
t <u>V</u> ew <u>H</u> elp															
DPLORER		🖻 vhds 🗙													
Search for resources	,e	不• 山	→ +	0 0	. D	6 =	\sim	0	G.	ß	Σ	(5			
Collapse All	Refresh All	Upload Download		ser Copy URL Sele			me Delete				Folder Statistics				
n∉ Quick Access															
 		$\leftarrow \rightarrow \lor \uparrow \forall t$	5										Search by	prefix (case-sensitive)	
 Cosmos DB Accounts (Preview) 								-							
Data Lake Store (Preview)		Name		 Last Modified 		Blob Type	Content	nt Type	Size	Lease State	Disk Name	VM Name	Disk Type	Resource Group	Name
B Storage Accounts General Viart Subscription (viv@viart.com)		cm viv-trial-02201	80319151605.vhd	Tue, 20 Mar 2018	17:56:03 GMT	Page Blob	applicatio	on/octet-stream	127.0 G8						
General Vizit Subscription (ww@vizit.com) Ill Storage Accounts		Ac viv-trial-0320	80319224812.vhd	• Tue, 20 Mar 2018	18:35:56 GMT	Page Blob	applicatio	on/octet-stream	127.0 G8	Leased	viv-trial-03	viv-trial-03	OSDisk	Vizrt_Dev_Test_Lab	6RG877789
B signade Accounts B avignade/testlab3928		Am viv-trial-0520	80321094251.vhd	W-4 21 84- 201	09.5321.010	Page Blob	applicatio	on/octet-stream	127.0 GB	Leased	viv-trial-05	viv-trial-05	OSDisk	Vizrt Dev Test Lak	
Blob Containers				Open											
bootdiagnostics-vivclient-8e22f627-1620-42e6-bb27-0453a34b4b2e															
bootdiagnostics-vivserv01-166dd4d1-a9f7-48b1-a7c9-5a16ac4789d9				Porte											
bootdiagnostics-vivtrial0-2036d8ee-c153-497c-88f6-7ae1bd1de7dc															
bootdiagnostics-vivtrial0-246f0636-ccaa-4e53-ab73-0438b4236ae7				Rename											
bootdiagnostics-vivtrial0-9267e45d-2e68-4fab-b07c-01bf03f97bd1				Delete											
bootdiagnostics-vivtrial0-eba29389-d1b7-4aa5-bf85-6818fc27fb7d				Get Shared Access	in the second										
bootdiagnostics-vivtrialv-d80a812d-d322-41f5-9453-b47584553379 bootdiagnostics-vivtrialv-d80a812d-d322-41f5-9453-b47584553379 bootdiagnostics-vivtrialv-d80a812d-d322-41f5-9453-b47584553379				CEL STIBLED ALCESS	ingriature										
bootchagnostics-vminimetry-ona+oso-ebesebessoonos-soonoma//or vhd36e020b9e32b43e2a557a75f2262767d				Acquire Lease											
wissbecobjestubjest stabitatistubjestub				Break Lease											
E vhds (Leased)				_											
Bile Shares				Make Snapshot											
Development Control				Manage Snapshots											
> III Tables				Selection Statistics											
				Properties											

5. Disconnect the RDP-connection and stop the VM in the Azure portal.

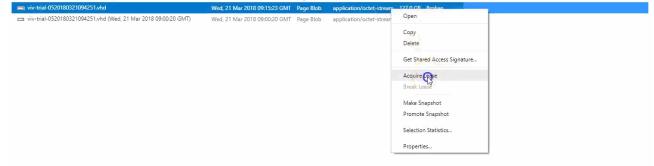
6. In the **Storage Explorer**, right-click on the original VHD (base blob) and select **Break Lease**. This will detach the OS disk from the VM, and change the Lease-state to **Broken**.

-							
Am viv-trial-0520180321094251.vhd	Wed. 21 Mar 2018 05 52-31 GMT	Page Blob	application/octet-stream		viv-trial-05	viv-trial-05	Vizrt_Dev_Test_LabRG877789
	Open						
	Сору						
	Paste						
	Rename						
	Delete						
	Delete						
	Get Shared Access Signature						
	Americanoc						
	Break Lease						
	Make Snapshot						
	Manage Snapshots						
	Selection Statistics						
	Properties						
viv-trial-0520180321094251.vhd	144	J 21 May 2010 0	9:15:23 GMT Page Blob app	lication/octet-stream 127.0 (CP Preisen		
	141	cu, 2 i midi 2010 0	and age blob app	ication octer-stream 127.0 (oo proken		

7. Now, copy the snapshot over the base blob by right-clicking the snapshot and select **Promote Snapshot** and click **Yes** to overwrite the disk.



8. The base blob is overwritten by the snapshot. Attach it to the VM by selecting **Acquire Lease** in the context menu.



9. The Lease-state changes to **Leased** and the attached VM information should be displayed.

A viv-trial-0520180321094251.vhd Wed, 21 Mar 2018 09:17:13 GMT Page Blob application/octet-stream 127.0 GB Leased viv-trial-05 OSDisk Vizrt_Dev_Test_LabRG877789

10. Start the VM in the Azure portal. This VM should use the restored base blob.

5.3.3 VMWare ESxi

It is recommended to use a dedicated license server and capture full back-ups at frequent intervals. All standard back-up and restore procedures are supported, including system snapshots. A restore must be performed on the same VM host to ensure the availability of licenses.

6 Managing Licenses

As soon as the Licensing team issues a license, it will be immediately available for activation on the customers view of the portal.

After login in, these are the available tabs:

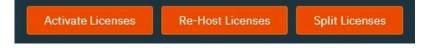
censes				
now 10 → entries			Sear	ch:
Name	🛔 Ticket	+ Activated On	CmContainer	÷ Status
/3 Viz Engine - Artist - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-21	130-1197880238	Activated
/3 Viz Engine - Engine Core - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-21	130-1197880238	Activated
/3 Viz Engine - SDI/IP OUT Channel - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-21	130-1197880238	Activated
/3 Viz Engine - SDI/IP OUT Channel - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	-		Available
/3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-21	130-1197880238	Activated
nowing 1 to 5 of 5 entries				

- Licenses: View of all the licenses.
- · CmContainers: Overview of the containers.
- Free Viz Artist: For free Viz Artist sign ups.
- Account: User information.
- Logout: End session.

6.1 Activate Licenses

In the licenses tab you will find a list with all the licenses, a menu functionality to choose the number of entries for each page and the search option that you can use to search for a ticket ID or a product name.

If the user that is logged in has fewer permissions, only the **Activate Licenses** button will be available.



- · Activate Licenses: Activates the selected license.
- **Re-Host Licenses:** Return a license to another user by selecting the container connected to the same machine.
- Split Licenses: You are able to split licenses or the quantity of a license.

To activate a license, please follow the steps in Online License Activation.

6.2 CmContainers

After a license is activated, you will find in the CmContainers tab, the container that was created for your machine.

VIZRTGROUP	Licenses CmContainers	Free Viz Artist Account Logout	
CmContainers			
Show 10 V entries	🗧 Host Name	🗧 Licenses	Search:
130-1197880238	ZBOOK-BPA11	1 x V3 V/z Engine - Artist - (Network) (120101) 1 x V3 V/z Engine - Engine Core - (Network) (120000) 1 x V3 V/z Engine - SUI/IP UrC Hannel - (Network) (120200) 1 x V3 V/z Engine - SDI/IP Video Input Enablement (mxx) - (Network) (120200)	
Showing 1 to 1 of 1 entries			Previous 1 Next

6.3 Free Viz Artist

VIZRTGROUP	Licenses	CmContainers	I	Free Viz Artist	Account	Logout	
Tickets Create License							
Tickets	Expires			Owner		Activated on	Container

In this section you can click **Create License** and it automatically creates a license available for 60 days, a predefined value, and once it expires a **Renew** button will appear for that license or you can create a new one.

6.4 Account

The account tab has basic information about the user you are logged in with and the account you belong to.

VIZRTGROUP	Licenses	CmContainers	Free Viz Artist		Account	Logout
Account						
Your Data						^
Email Address			user	r1@den	nocustomer.com	
Name			349	11		
Description			Dem	no Custo	omer	
Registered since			202	3-02-1	4	

- Email Address: User email address.
- Name: Internal ID.
- **Description**: Name of the customer.
- **Registered since:** Since when it is registered.

In addition there is a download section where the Free Viz Artist, the CodeMeter Runtime and the Vizrt Offline Licensing Helper can be downloaded.

Download				^
	CodeMeter Runtime - download	Viz Artist - download	Vizrt Offline Licensing Helper - download	
A Note: All	this information is sto	ored and coming from S	alesforce.	

6.5 Rehosting Licenses

Re-hosting Licenses allows you to remove a complete license or a single feature from a CmDongle or CmAct License Software Container. The re-hosted licenses are then available in the License Portal again and can be activated on a different CmDongle or CmAct Software Container. The Rehosting follows the same steps as activating a license and there are online and offline options available.

1. In the licenses section of the portal click on the **Re-Host Licenses**.

Licenses CrnContainers	Free Viz Artist Account Logout			
Show 10 v entries			Sea	rch:
Name	🛔 Ticket	+ Activated On	÷ CmContainer	≜ Status ≜
V3 Viz Engine - Artist - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20	130-1197880238	Activated
V3 Viz Engine - Engine Core - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20	130-1197880238	Activated
V3 Viz Engine - SDI/IP OUT Channel - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20	130-1197880238	Activated
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20	130-1197880238	Activated
Showing 1 to 4 of 4 entries				
Re-Host Licenses				

2. The next step provides an overview of the license currently applied to the CmDongle or CmAct License Container connected to the computer. Select the license features that should be removed. Once selected press **Deactivate Selected Licenses Now**.

VIZRTGROUP Licenses CmContainers Free Viz /	Artist Account Logout			
Re-Hostable Licenses				
To re-host licenses from one CmContainer to another CmContainer: 1. Make sure that the OmCostainer with Serial 130-1197880238 is connected to this computer. If this Cr 2. Select the lowners you want to ne-host. 3. Click "Obactivate Selected Licenses Nov". 4. After the successful deativation of the selected licenses, you can activate them again in another CmCo		nd click "Rescan for CmContainers".		
🛛 Name	Ticket	Activated On	CmContainer	Status
V3 Viz Engline - Artist - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20 14:41:32	130-1197880238	Activated
V3 Viz Engine - Engine Core - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20 14:41:32	130-1197880238	Activated
V3 Viz Engine - SDI/IP OUT Channel - (Network) (License Quantity: 10)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20 14:41:32	130-1197880238	Activated
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20 14:41:32	130-1197880238	Activated
Deactivate Selected Licenses Nov				File-based license transfer
I Licenses				

3. Once the Online License Transfer is completed, the selected licenses are available in the portal again and can be activated on a different CmDongle or CmAct License Container.

Hostable Licenses To re-host licenses from one CmContainer to another CmContainer: 1. Make sure that the CmContainer with Serial 130-1197880238 is connected to this con 2. Salet the Licenses you want to re-host. 3. Click "Decuments Selected Licenses You". 4. After the successful deactivation of the selected licenses, you can activate them again a	Online License Transfer Starting license transfer. Corating license request. Downloading license update to CmContainer. Creating inceript. Uploading receipt.	ir CmContainers".		
Name	License transfer completed successfully!	vated On	CmContainer	Status
V3 Viz Engine - Artist - (Network) (Thranse Quantity: 5)	ОК	3-02-20 14:41:32		
V3 Viz Engine - Engine Core - (Network) (License Quantity: 5)	Annes, and all weaver the searce	zve3-02-20 14:41:32		
V3 Viz Engine - SDI/IP OUT Channel - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	2023-02-20 14:41:32	130-1197880238	Activated
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network) (License Quantity: 6)				

6.6 Splitting Licenses

Splitting Licenses allows to split licenses with a quantity higher than one into individual licenses. This provides the possibility to split off licenses from license servers for use on individual computers or smaller license servers.

1. In the licenses overview press the Split Licenses Button

VIZRTGROUP Licenses CmContainers	Free Viz Artist Account Logout		
Licenses			
Show 10 v entries			Search:
Name	🛓 Ticket	💠 Activated On 🙏 CmCe	ontainer 👙 Status 👙
V3 Viz Engine - Artist - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	-	Available
V3 Viz Engine - Engine Core - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E		Available
V3 Viz Engine - SDI/IP OUT Channel - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E		Available
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	•	Available
Showing 1 to 4 of 4 entries			
Activate Licenses Split Licenses			

2. In the next view the license features that are available for splitting are displayed. Below each feature the current quantity is shown. In the rightmost column labeled New Partitioning the new quantities can be defined. Once selected press the Split button in the right.

VIZRTGROUP Licenses CmCd	ontainers Free Viz Artist	Account Logout				
Apportionable Multi-User Licenses						
To split a multi-user license into two licenses: 1. Enter the desired new partitioning in the row of the license, you want 2. Click "Split" in this row to continue. Please note, this split Cannot be undone .	to split.					
Name		Ticket	Activated On	CmContainer	Status	New Partitionin
V3 Viz Engine - Artist - (Network) (License Quantity: 5)		QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available	0 5 5
		QBDZJ-GB35H-K4RU4-PTNES-ZGB2E QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available Available	0 5 Spl
(License Quantity: 5) V3 Viz Engine - Engine Core - (Network)						

3. A confirmation window will pop up and display the quantities after the split is completed. Press Split now to complete.

VEX.RCG.NUMP
Leccuss
Marcine
Account
Leccuss

Apportionable Multi-User Licenses

Apportionable Multi-User Licenses

Deptimentations into new others license, you want to split.

2. Date the desined owe partitioning, into new others license, you want to split.

2. Date the desined owe partitioning into new others license, you want to split.

2. Date the desined owe partitioning.

Marce

Varia Tagling - Artist - Oktowerk)

Marce

Varia Tagling - Engle Care (Network)

Marce

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Concol

Status

Varia Tagling - SDU/IP OUT Channel - (Network)

Status

Concol

Status

Concol

<

IMPORTANT: Please note that a split cannot be reversed!

4. After completion the licenses will be displayed individually in the licenses overview and can be activated independently.

VIZRTGROUP Licenses CmContainers	Free Viz Artist Account Logout				
	Split Licenses				
To split a multi-user license into two licenses: 1. Enter the desired new partitioning in the row of the license, you want to split. 2. Click "Split" in this row to continue. Please note, this split cannot be undone.	Vour Licenses were split successfully.				
Name	Ticket	Activated On	CmContainer	Status	New Partitioning
					0 5 5011
V3 Viz Engine - Engine Core - (Network) (License Quantity: 5)				Available	
V3 Viz Engine - SDI/IP OUT Channel - (Network) (Lionse Quantay: 10)	QBDZ3-GB35H-K4RU4-PTNES-ZGB2E			Available	5 5 800
V3 Viz Engine - SDI/IP Video Input Enablement (max) - (Network) (License Quanthy: 5)				Available	

6.7 License Admin

Customers with Administrator permissions are able to manage the licenses of their account as well as possible child accounts. Therefore, two additional tabs are available for such.

- Admin
 - Information
 - Licenses
 - Tickets
 - Users
 - Organizations
- Groups

6.7.1 Admin

In the **Admin** tab you can see the account that is currently selected, and there are 5 sections where different options and information is available.

VIZRTGROUP	Groups	1	Admin	I	Licenses	CmContainers	I	Free Viz Artist	I	Account	Logout
Customer - Demo Customer											
Information											
Licenses											
Tickets											
Users											
Customers											

Information

In this section you can see the details about the account listed.

V	IZRTGROUF	Groups	I	Admin	I	Licenses	CmContainers	T	Free Viz Artist	Т	Account	Logout
	Customer - Demo Custome											
	Information											
-												
	Name Description	34911 Demo Customer										
	Created	2023-02-13										
												·

Licenses

Here, you can see all the licenses that are available for the account the Administrator is assigned to. Clicking **Manage all Licenses** will forward you to the license activation page.

Search
Search
Search:
Search
Search:
s 🕴 Usage (days) 🕴 End Date 🕴 Cancellation Until 🌵 Activation Date 🕴 CmContainer 🌵 Status 🕴
- 2023-03-15 2023-03-15 2023-03-02 130-1273931460 active
- 2024-02-28 2024-02-28 2023-02-21 130-1197880238 active
- 2023-03-31 2023-03-31 2023-03-01 130-1273931460 active
- 2024-02-28 2024-02-28 2023-02-21 130-1197880238 active
- 2024-02-28 2024-02-28 2023-02-21 130-1197880238 active
- 2024-02-28 2024-02-28 - active
- 2024-02-28 2024-02-28 2023-02-21 130-1197880238 active
- 2023-03-31 2023-03-31 2023-03-02 130-1273931460 active
- 2023-03-31 2023-03-31 2023-03-02 130-1273931460 active

A Note: The license activation page will then show all available licenses of the main account and all assigned child accounts. It is recommended to go to the License tab if only the licenses for the main account are needed. In the **Manage all Licenses** section it is possible to see the account a license is assigned to in the Group column.

VIZRTGROUP Groups Admin	Licenses CmContainers	Free Viz Artist	Account Logout	
Available Licenses				
Show 10 v entries				Search:
🗹 🛔 Name	≑ Ticket		Group 🕴 Activated On	+ CmContainer + Status +
V3 Graphic Hub - Viz Graphic Hub - (Network)	GJR63-33RUU-VYVGX-57EUG-32	ZVY5	34917 -	Available
V3 Viz Engine - SDI/IP OUT Channel - (Network)	QBDZJ-GB35H-K4RU4-PTNES-Z	GB2E	34911 -	Available
Showing 1 to 2 of 2 entries				Previous 1 Next
Select CmContainer				
130-1273931460 (Universal Firm Code CmActLicense 6001709) 🗸 🚺				
Activate Selected Licenses Now				File-based license transfer

Tickets

In the Tickets section Admins are able to assign license tickets to different users within their group. By default, a ticket is accessible to all users that are assigned to an account, it is possible to change that to either administrators only or single users across the group.

ZRTGROUP G	Groups	Admin Licenses	CmContainers	Free Viz Artist	Account Logout	
ustomer - Demo Customer						
Information						
Licenses						
Tickets						
Show 10 v entries						Search:
Ticket	🗍 License	s	÷ Type	÷ Owner ÷		
PG5JS-GWULL-3PHTJ-XGFF7-QQGWT	V3 Viz E	ingine - Engine Core - (Network),	Public	🐸 Demo Customer	Public (Every Member of this group) 🐱	
QBDZJ-GB35H-K4RU4-PTNES-ZGB2E	V3 Viz E (max) -	ngine - SDI/IP Video Input Enablement (Network),	Public	🏥 Demo Customer	Public (Every Member of this group) 🗸	
Showing 1 to 2 of 2 entries						
Users						

Users

All users assigned to an account including the privileges are displayed.

ZRTGROUP	Groups	l Admin	Licenses	CmContainers	Free	e Viz Artist	Accour	it Logout			
ustomer - Demo Customer											
Information											
Licenses											
Tickets											
Users											
Show 10 v entries										Search:	
Email Address	4	Roles				¢ Create	1		CmCloudCon	tainer 🕂	
user1@democustomer.com		Wibu_Artist_Fre	ee, Wibu_Customer, W	ibu_SF_User		2023-0	2-14			Get (redential File
user2@democustomer.com		Wibu_Artist_Fre	ee, Wibu_Rehost, Wibu	J_Split, Wibu_Customer, Wi	ibu_SF_User	2023-0	2-14			Get (redential File
user3@democustomer.com		admin, Wibu_Sp	olit, Wibu_Artist_Free,	Wibu_Rehost, Wibu_SF_Us	ser	2023-0	2-14			Get (redential File
Showing 1 to 3 of 3 entries											
Customers											

Organizations

In this section the child customers are displayed. Selecting a child account will forward to the admin section of the child account where the same functionalities are available.

IZRTGROUP	Groups Admin	Licenses	CmContainers	Free Viz Artist	Account	Logout	
Customer - Demo Customer							
Information							
Licenses							~
Tickets							
Users							
Customers							
Show 10 v entries							Search:
Name		Description					ά. Υ
		Demo Customer Child					Show
Showing 1 to 1 of 1 entries							

6.7.2 Groups

Groups are the child accounts of a main account. Administrators of a main account can see the child accounts that they manage in the groups view, select them and manage their licenses.

VIZRTGROUP	Groups Adn	in Licenses	CmContainers	Free Viz Artist	Account	Logout	
Groups							
Show 10 ~ entries							Search:
Name	¢	Description					\$
34917		Demo Customer Child					Show
Showing 1 to 1 of 1 entries							Previous 1 Next

Selecting a child account by pressing the Name or the **Show** button will forward to the child customers license Admin tab.

6.8 Viz Artist

6.8.1 Free Viz Artist License

To access a Free Viz Artist License, you can either use the Community Login or enter your credentials if you used the signup page and have access to the license portal as a free Viz Artist user. In case you previously signed up for a free Viz Artist license, you will now receive an email to generate a new password for the new portal.

A Note: Make sure you set up a new password.

Previous Viz Artist users commonly use the selected section to log in:

After login in, select the Free Viz Artist tab where you can now create a license.

VIZRTGROUP	Licenses	CmContainers	T	Free Viz Artist	I	Account	Logout	
Tickets Create License								
Tickets	Expires			Owner			Activated on	Container

After clicking **Create License**, be aware of the ticket number so you can then activate it in the **Licenses** tab.

Once in the Licenses tab, click the **Activate Licenses** button, select your container and check the Free Viz Artist License from the shown entries:

able Licenses				
w 10 v entries				Search:
🕴 🔶 Name	Ticket	🔷 Units 🔶 Usage (days)	🔷 Activated On	🔷 CmContainer 🔶 Status
Free Viz Artist lmi1 - Free Viz Artist - (Local)	WQWVD-YQ9RD-X837N-Q6VFA-YZ4YY		-	Available
V3 Viz Engine - SDI/IP OUT Channel - (Network) (License Quantity: 5)	QBDZJ-GB35H-K4RU4-PTNES-ZGB2E			Available
owing 1 to 2 of 2 entries				
ect CmContainer 30-1273931460 (Universal Firm Code CmActLicense 60017	709) ~ <mark>()</mark>			
Activate Selected Licenses Now				

Click the **Activate Selected Licenses Now** and once the operation is successful, the license will be ready for use and it will appear in the Licenses tab as Activated:

VIZRTGROUP	Licenses	CmContainers	I	Free Viz Artist	Αссοι	unt	Logou	ıt							
Licenses															
Show 10 ~ entries													Search:		
Name			÷	Ficket		*	Units	÷	Usage (days)	÷	Activated On	÷	CmContainer	÷	Status 🔶
Free Viz Artist lmi1 - Free Viz Artist - (Loc	al)		1	WQWVD-YQ9RD-X837N-Q6VFA-Y	Z4YY		-		-		2023-03-17		130-1273931460		Activated

7 Troubleshooting

- Using a License Server and the Application Does Not Start because No License Was Found
- The Free Edition of Viz Artist is Not Loading

Using A License Server And The Application Does Not 7.1 Start Because No License Was Found

- Is your license server configured as a network license server? Open http://localhost:22352/configuration/server_access.html on your license server and check whether Network Server is enabled.
- Is your client PC configured to use the network license server? Open http://localhost:22352/configuration/server_search_list.html on your client machine and check whether the license server is entered in the Server Search List.
- Are there any firewall rules that are blocking port 22352 on your client or server?

The Free Edition Of Viz Artist Is Not Loading 72

The free edition of Viz Artist will not load if a commercial version of Viz Artist has previously been installed on the computer. This is because the free edition of Viz Artist fetches the configuration file for the commercial version of Viz Artist.

To fix this:

- 1. Go to C:\ProgramData\vizrt\viz3.
- 2. Open VIZ-ZBOOKG4-211AOP5-0-0.cfg in an external editor such as Notepad++.
- 3. Edit the following fields:
 - a. Legacy_Licensing = 0
 - b. License_Location = VL_L_LOCAL
 - c. License_Core = ART_ARTIST_FREE
 - d. ## Additional_Licenses =
- 4. Save the file and launch Viz Artist.

#* Legacy_Licensing: Default=1

- ## VL_L_LOCAL Local license. Searches exclusively for licenses located on the same PC or allocated to the same VM (e.g. dongle, file). ## VL_L_NETWORK Network license. License is to be sought in the network (LAN, WAN), i.e.CodeMeter License Server activated as network server or CmWAN.
- ## WIBU license source. Determines where WIBU should search for license containers.
- #* License_Location: Default=VL_L_NETWORK

- ## ENG_ENG_CORE Engine Core
 ## ENG_PRV_CORE Preview Core
 ## ART_ARTIST_FREE Artist Free

License Core = ART ARTIST FREE

Legacy_Licensing = 0
WIBU license source. Can be set to one of the following values:

License_Location = VL_L_LOCAL
WIBU core license. Can be set to one of the following values:

^{##} WIBU core license, which determines also the available additional licenses. #* License Core: Default=ENG ENG CORE

##
Choose zero, one or more licenses separated by blanks. Possible combinations are listed in the administrative manual.
WIBU additional licenses that are additionally consumed and determined by the core license.
Additional_Licenses =

.....

8 FAQ

This page contains answers to the following frequently asked questions:

- · Can Licenses Be Updated during Run-time?
- What Should I Do if my Software Container Is Corrupt?
- How to Upgrade Old Sentinel Licenses to the New Portal?

8.1 Can Licenses Be Updated During Run-Time?

When the ticket activation process starts, any license verification calls of Vizrt software are temporarily blocked. This means that the current operation runs without interruption against the former license status until the ticket activation process is completed.

8.2 What Should I Do If My Software Container Is Corrupt?

Changes in the hardware configuration of a computer (replacement of a motherboard, graphic card, CPU, ...) are the most common reasons for a corrupt software base license container. In this case, the license can no longer be used and the container must be deleted by Vizrt. You must then request a new license from your regional first-level support.

In order to receive a replacement license, please provide us the following documents:

- Official statement that describes the case (hardware is broken or stolen, ...).
- · Photos of damaged hardware.
- \cdot In case of stolen parts, enclose the notice of loss.
- · ID of the corrupt container or the computer name from which the container is located.

8.3 How To Upgrade Old Sentinel Licenses To The New Portal?

Customers will be required to discuss license migration from Sentinel to WIBU with their manager or the CS team, who then reachs out with relevant information to the Licensing team.

There will be no automated upgrade in the portable once WIBU 3.0 is launched.