Edraw Authorization Server V2.4.10 **User Manual**







D edraw

1. Server Installation and Activation

1 Installation and Deployment

Edraw Authorization Server V 2.4.10 comes with advanced Docker technology, which simplifies the installation process and eliminates the impact of environmental differences on the servers.

It also has built-in mechanisms such as automatic service activity checks and the ability to troubleshoot problems.

It is strongly recommended to deploy this authorization server to Linux operating systems.

1.1 Linux Operating System

Linux server recommended configuration:

- Hardware: 4-core CPU, 2G memory, 50G hard disk (SSD recommended)
- Software: CentOS 7.8, Docker -CE 20.10+



1.1.1.X86 Architecture

Edraw Server Docker image download link:

https://www.edrawsoft.cn/2download/edserver/edrawserver- 2.4.10 .tar The Linux system image download/import and start container commands are as follows:





1.1.2.ARM architecture

Edraw Server Docker image download link:

https://www.edrawsoft.cn/2download/edserver/edrawserver-2.4.10-arm .tar The Linux system image download/import and start container commands are as follows:





1.1.2.1.Command Description

- 1. "Data directory", contains license-related information, which needs to be back-up regularly;
- 2. "**Download Mirror**", if the License included is able to access the Internet, you may directly use the wget command to download the image file. If you are unable to access it, please manually copy the file to the Linux server;
- 3. "**Import image**", after importing the image, you will be able to see the image that was just imported through the "docker images" command. It should be available at docker.edrawsoft.cn/version/edrawserver:2.4.10
- 4. "Start container"

a)	-d	The container is running in the background
b)	name edrawserver	The name of the container is
		edrawserver
c)	restart always	Start this container as soon
		as the docker service starts
d)	privileged	Extends permissions to the container
e)	- e TCP_SERVER_ADDR	Provides the address of the
		authorization service for the client
f)	-e EDRAW_HTTP_BASE_URL	Management interface, automatic
		upgrade package download address
g)	-р 80:80	Web service working port number
h)	-p 8915:8915	Client authorization service port
		number
i)	-v \$(pwd)/data:/app/data	Store data in the data folder under
		the current directory
j)	-v \$(pwd)/log:/app/log	Store logs in the log folder under the
		current directory

k) After launching, you can use the command "docker ps" to view a container named "edrawserver"

Page5



1.2 Windows Operating System

Edraw Server Zip package download link: https://www.edrawsoft.cn/2download/edserver/edrawserver-2.4.10.zip

Installation Steps:

DriverData

EDRAW_HTTP_BASE_URL

- Download the Zip package and unzip it to the local disk. It is recommended to install it in the root directory of the drive, and there should be no spaces in the path, for example: C :\EdrawServer
- Configure the environment variables TCP_SERVER_ADDR (client connection address, that is, the address where the client is able to access the server), EDRAW_HTTP_BASE_URL (the path to access the server, http://address). If the server address is 192.168.57.2, the configuration example is as follows:

vstem variables		
Variable	Value	^
PROCESSOR_REVISION	3c03	
PSModulePath	%ProgramFiles%\WindowsPowerShell\Modules;C:\Windows\syste	
TCP_SERVER_ADDR	192.168.57.2	
TCP_SERVER_ADDR		
/stem variables		
Variable	Value	,

3. Use "Explorer" to open the folder where the program is located. Right-click " Register_Start.bat ", and select "Run as administrator". (You also need to "Run as administrator" for Stop_Uninstall.bat).

C:\Windows\System32\Drivers\DriverData

cal Disk (C:) → Ed		ٽ ~	,
Name		Dat	e modified
bin 📊		8/10	0/2022 1:48 PM
config		8/10	0/2022 1:48 PM
public		8/10	0/2022 1:48 PM
📧 edraw-service		8/10	0/2022 1:48 PM
Register_Star	Open		
💿 Stop_Uninsta	Edit		
	Print		
	💡 Run as adm	ninistrator	

http://192.168.57.2/





4. After installation is successful, it will be registered as a system service (It will run in the background and the system will start automatically once it launches), and automatically open the browser to jump to the system page thereafter.



5. In the "Services" tab of "Task Manager", you can see that EdrawServer has been registered as a system service

🕎 Task Manager						_		\times
File Options View								
Processes Performan	ce App history	Startup Users	Details	Services				
Name	PID	Description			Status	Gro	up	^
🔍 Eaphost		Extensible A				net	svcs	
edgeupdate		Microsoft Ed	- ·		3 11			
🥋 edgeupdatem		Microsoft Ed	lge Updat	e Service (e	edg Stopped			
EdrawServer	9736	Edraw Licens	se Server		Running			
🔍 EFS		Encrypting F	ile System	n (EFS)	Stopped			



2 Initial Activation

You are required to add a license to the Edraw Server before it can provide authorization services for client software such as Edraw Mind Map, Edraw Icon, and Edraw Project Management.

After the container is started, you will see the login page through http://{ip}/. Use admin/12345678 to log in to the system, and the "Authorization Activation" window will pop up thereafter.

	\oplus
∋edraw Edraw Server	
Account: admin	
Password:	

\$	Edraw Server	Client Activation Address: 192.168.200.254	a admin
	Device Management		
	Upgrades		
	Configuration	Authorize and Activate	
0	About	Feature Code:456E-3EFB-3F76-6703-FCB6-63EA-5849-201C Copy License Code:	



Click on the [Copy] button to copy the "feature code" and send it to the customer service staff to obtain the "authorization code". Paste it into the "authorization code" text box and click the [Activate] button to complete the initial activation.



Page9



3 Password Change

Hover the mouse over [admin] in the upper right corner and click the pop-up menu [Change Password]. Enter your old password, followed by your new password. Repeat your new password, and then click OK.

\$	Edraw Server	*** Company	Client Activation Addr	ess: 192.168.200.251		💮 🧿 admin
						Change Password
Ш	Overview					Log out
ı.	Device Management			∋ edraw Edraw Se	rver (v2.4.13)	
	Upgrades		Authorized to:	*** Company		
1	Configuration		Authorized Prod	ucts:		
	About		EdrawMind	10 users	(2022/08/09 - 2022/12/31)	
			EdrawMax	10 users	(2022/08/09 - 2022/12/31)	
			EdrawProj	10 users	(2022/08/09 - 2022/12/31)	
				Copyright © 2022 Edraws	-	

\$ Edraw Server	*** Company	Client Activation Address: 192.168.200.251	\oplus	a) admin
Overview Device Management		Dedraw Edraw Server (v2.4.13) Authorized ts: ** Company Auth Change Password Old Password:		



4 Update Authorization

When the license is changed, you may click the [Update License Information] button on the [About] page, and the subsequent operations will be the same as the initial activation.

5 Disable/Enable the Client

Due to some unforeseen circumstances, it may be necessary to disable the registered client to release the license that was initially used for the client.

To do this, open the [User Information] interface, where the list of registered clients will be shown.

The query conditions will be divided into two groups according to "Disabled" and "Enabled" status. Enter the search content in the box to match the three fields of job number, name, and host name at the same time.

When the number of registered users is too high, fuzzy queries will occupy more computing resources. It is recommended to use "precise query" instead in this case, as it meets most application scenarios.

If you find a client in the "Enabled" state, you may click the [Disable] button to revoke their access, and a prompt will appear when the client logs in again to inform them that their access has been disabled; if you wish to provide access again to users in the "Disabled" status, you may click the [Enable] button to reinstate their access to the server.

😂 Edraw Server	*** Company C	ient Activation Ac	idress: 192.168.1	3.22:8915					a admin
山. Overview	Wondershare EdrawMind	Wonc Edrav	lershare vMax	Wondershare EdrawProj					
III Device Management	Export to csv			Enabled	O Disabled	Exact Mat	ch 🔿 Fuzzy Look	up Search	(ID, Name or Host № Q
III Upgrades	User ID	User Name	OS Type	Category	Language	Version	Host Name	Status	Manage
III Configuration	40bit①	yangyq yangyq	windows windows	common common	multi multi	9.0.13 9.0.11	Win102021P Win102021P	Inactive Inactive	Disable
① About	2	2	windows	common	multi	9.0.12	SZ19063341	Inactive	Disable
	2 ubuntu	2 ubuntu	windows ubuntu	common	multi multi	9.0.13 9.0.14	SZ19063341 huhc-virtual	Inactive Inactive	Disable
	1234556	yangyq	osx	common common	multi	9.0.14	iMac.local	Inactive	Disable
	centos	centos	centos	common	multi	9.0.14	localhost.loc	Inactive	Disable
	Mac	Mac	osx	common	multi	9.0.12	SZ19063341	Inactive	Disable
		Te	otal 8 terms/pa	ige, Display 20	terms/page	< 1 >	Go to page		

Page11



6 Export Client Information

You may export all client information stored in the product by clicking on the [Export csv] button. It is recommended to use WPS or a newer version of Excel to open the file to avoid the problem of character set mismatch in the document.





7 Client Automatic Upgrade

As the Edraw series software continues to upgrade interactively, in order to reduce the burden on administrators, the client versions after EdrawMax 11.1.3 and MindMaster 9.0.8 will support automatic update checks.

After the authorization server updates the new version information, the user will be prompted to upgrade and confirm the update automatically. The administrator will then obtain the upgrade package (in zip format).

Click on the [Upload] button on the [Upgrade Management] page to complete the upgrade package update. You may also click the [Delete] button to delete the upgrade package on the server.

Note:

1. Upgrading packages of the same category will retain only the last version of the server;

2. In order to avoid network congestion caused by a large number of user downloads, the server only allows 40 concurrent downloads by default.

😸 Edraw Server	*** Company Client A	Activation Address: 192.1	68.13.22:8915			admin (a) admin
Overview Device Management Upgrades	2. For t 3. Only autom	installation package i the same type of insta when the client with atically installed the l	Ilation package, the upgrade fun itest version or p	the server or ction comple rompted to	nformation: product, OS type, subclass, and nly keeps the last uploaded version. tely matches the four types of information update. ss at a time, but the total size cannot excee	will it be
Configuration About		OS Type Subclas windows common		Version 2.3.5	Installation Package edrawproj_2.3.5_intranet.exe	Delete
		windows common windows common		9.0.13 11.5.2	mindmaster-9.0.13-multi-binner.exe EdrawMax_11.5.2_cn_inner.exe	Delete Delete



8 Broadcast Messages

The system reserves a broadcast message interface for broadcasting messages to Edraw software users. Fill in the [Global Configuration] [Broadcast Message] and the user will be prompted with this message the next time they open the server.

9 Server Migration

When the authorization server needs to be migrated, the address of the new server can be set on the old server, and the client will automatically switch to the new server after startup.

\$	Edraw Server	** Company Client Activation Address: 192.168.13.22:8915	💮 🧿 admin
	Overview Device Management	Notification: (After configuration, a prompt message will pop up when a user starts software again.)	Confirm
	Upgrades		
0	About	Server transfer: (After configuration, the authorization server address will be updated when a user clear starts software again.) For example: 192.168.1.1:8915; edrawserver.company.com: 8915	Confirm



2. Client Product Activation

Take EdrawMax as an example to show the client product activation.

1. Activate with server

After installing the EdrawMax client, double-click the shortcut created on the desktop to start EdrawMax. An activation request will pop up automatically when you open it for the first time.

	EdrawMax (Unlicensed Version)									
$\left(\boldsymbol{\epsilon} \right)$	Search diagrams	Q			() ·					
New +	Recent	Recommended								
Open	* Recommended									
Import	- Personal Templates	Activate from Server	×							
		Fill in the server address and port	number:							
	Basic >	Server Address:		Basic Flowchart	Mind Map					
	e Business ~	Port: 8915		basic riorentite	ining map					
	Business Management	Name:								
🗢 Exit	Quality Management	ID:		•••	-					
	Project Management		Activate	:	-					
	Strategy and Planning	Activation steps: File->A Do not show this message	ccount->Activate from Server ge again.	UML Modeling	Floor Plan					
	Marketing			2						
	Analysis Canvas	-			r.					
	🧑 Software & Database 🗧	•	-							
	will Network									
Options	Engineering ~	Basic Electrical	Gantt Charts	Chen ERD	Process P&ID					

After the activation request appears, fill in the IP address, port, name and job number of the server to activate the product. (Note: the name and job number may be left blank, the default is "-").

For example: the server IP and port information are IP: 1 0.10.7.162 port: 8 915. Please fill in the information in the position where the activation prompt pops up on the EdrawMax client.





After filling in the IP address and port information, click on the "Activate" button below, and a prompt will appear if the activation is successful. Please restart EdrawMax to start using it.

	EdrawMax .						
\bigcirc	Search diagrams Q						
New +							
	🕒 Recent	Recommended					
Open	Recommended						
Import	Personal Templates	D Activate from Server ×					
		Fill in the server address and por	t number:				
	Basic >	Server Ad					
	e Business ~	Port: 🗸 Edraw	Max activated!	Basic Flowchart	Mind Map		
	Business Management	Name:					
🗢 Exit	Quality Management	ID:	ОК	•			
	Project Management		Activating				
	Strategy and Planning	Activation steps: File-> Account-> Activate from Server Do not show this message again.		UML Modeling	Floor Plan		
	Marketing			OWE WODENING	FIGUE FIAIT		
	Analysis Canvas						
	5 Software & Database	• ,			t de la companya de l		
	with Network	<u>L</u>	—	-+			
Options	Engineering ~	Basic Electrical	Gantt Charts	Chen ERD	Process P&ID		

If the activation fails, the following prompt will appear.

Should this happen to you, please contact IT or the server administrator to confirm whether the IP and port information are correct and whether the service has been started successfully.





If activation had been skipped during startup, you may use the Activation function under the Help function bar in the EdrawMax function page to activate the product.

			Edra	wMax	- 0
¢					
New +	Account				
Open					
Import			?	↑	
Save	Activate from Server	Activate with Mobile	About	Check for Updates	
Save As	Activate nonin Server	Phone	About	check for optiates	
ixport & Send	1				
Print					
Ə Exit	/				
Account					
Options					

2. Activate with your phone:

For customers who are unable to build an intranet authentication server, the mobile phone QR code activation method serves as an alternative for intranet activation.

Click on the [Help] menu of the software, and then click [Activation] \rightarrow [Phone Activation].

Dedraw A Wondershare Company





Copyright © 2022 Edrawsoft. All rights reserved.