CYPHER.DOG Enterprise License Management

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ADMIN APP.1

Cypherdog Admin			-	×
	Sig	n in		
	Login			
	Password			
	Sign in	Register		
	СУРНЕ	P DOG*		
	CITIL			

#1. The **Cypherdog Admin** application must be installed to manage the Enterprise license. Please, download the installer file from the website <u>www.cypher.dog</u> or from a link provided by the Partner.

#2. It is not possible to use an Enterprise license without creating a Main Administrator account.

#3. Registering in the **Cypherdog Admin** application is the only way to create the Main Administrator account. Thus, it is not possible to use an already existing account.

#4. It is not possible to change the Main Administrator later on.

∢ Sign up		
Login		
Email		
Password		
Repeat password		
License code		
Accept terms and conditions		
Register		

REGISTRATION

#1. In the main menu of the application, select the **Register** option and fill in the fields with your login, current e-mail address (to which a special activation e-mail will be sent) and an invented, secure password.

#2. In the **License code** window, enter the 32-character Enterprise License Code, provided by Partner.

Cypherdog - Activate account Please confirm your email address, to activate your account. If you received this by mistake or weren't expecting it, please disregard this email.	#3. To activate from CypherDog button.	your account, open the email and click on the ACTIVATE
CY Your accoun	PHER.DOG t has been activated!	#4. This is the message confirming the correct activation of the account.

ADMIN APP.3

Cypherdog Admin		-		×
Admins Users Domains Info				
Email	Status			
w.kowalski@cypher.dog	Active			
				=
			(٩

After logging in, the application looks as mentioned above.

#1. Any user with administrator rights can install and log in to the **Cypherdog Admin** application.

#2. After clicking the X icon in the upper right corner, the application is automatically logged out and disabled.

CONFIGURATION

In the enterprise version, private keys of users can be exported and managed by the administrator, but this procedure is not carried out by our servers, but internally in the company network, in the indicated Vault - we suggest that it be HashiCorp Vault and we provide instructions for its configuration.

In order for the **CypherDog** and **CypherDog Admin** applications to communicate with the Vault server, it is necessary to implement a proxy server in accordance with the documentation provided by us.

Cypherdog Admin	- D >
Admins Users Domains Info	×
Email	
admin@cypher.dog	
t.kowalczyk@cypher.dog	Set proxy
w.kowal Enter proxy URL	Q.
k.glock Proxy URL	neck keys integrity
a.nowa	Close OK
	Generate config file
	Proxy URL address is not configured

#1. In the upper right corner of the **Users** tab there is an icon (\equiv) that expands a slide-out panel.

#2. The administrator sets the proxy address by clicking **Set proxy**, and then checking that the SHA key of the connected server is correct.



CAUTION. The proxy address is not sent to the server, it is saved locally on the device. On the other device, you will need to re-enter the proxy address. **#3.** After setting the proxy address, it is possible to generate a configuration file that allows you to install the **CypherDog** application in Enterprise mode (with the configuration loaded to the memory).

🚥 Cypherdog Admin	- 🗆 X
Admins Users Domains Info	×
Email No content in table	Set proxy Q Check keys integrity Generate config file
	Proxy URL is: https://proxy.enterprise.cypher.dog

#4. After clicking **Generate config file**, a dialog with the choice of location for the generated file in .json format will be displayed.

🏧 Zapisz plik konfigu	uracyjny					×
← → • ↑ 🗖	> Ten komputer > Pulpit	~	ē	🔎 Przeszukaj:	Pulpit	
Organizuj 👻 No	owy folder					?
📌 Szybki dostęp	^					
💻 Ten komputer 😭 Dokumenty						
🍌 Muzyka						
Obiekty 3D						
Obrazy Pobrane						
Pulpit						
Wideo	ica Y					
Nazwa pliku:	Enterprise					~
Zapisz jako typ:	Pliki typu JSON (*.json)					~
 Ukryj foldery 				Zapisz	Anuluj	

DOMAINS

In order for users to be able to use the Enterprise license, they must have accounts created with an email address in the appropriate domain. The administrator enters into the system information about domains that allow user accounts to be connected to the license.

Cypherdog Admin	1			_		×
Admins Users	Domains Info					
Na	me	Creation Date		Users count		
	_					
	Add don	ain				
	Domain	laaress				
	-		Close OK			
				+	ŧ	=
					(٩

#1. To add a domain, click on the slideout menu (\equiv), then select the plus icon and enter the domain address.

Cypherdog Admin		- 🗆 X
Admins Users Domains Info		
Name	Creation Date	Users count
adres.domeny	2021-06-17	0
drugi.adres.domeny	2021-06-17	0
		+ # =
		٩

#2. To delete a domain, click on its row and then select the trash can icon from the menu.

USERS

Under this tab, you can see the e-mail addresses of users whose accounts are linked to the license and who can be managed.

Cypherdog - Login			-	
	CYPHER.DOG*			
	Error Account has been suspended. Contact with your administrator.	1		
		ок		
	LOCIN RECISTER Reset Password Didn't receive activation e-mail?			

#1. User accounts can be suspended and reactivated. The suspension deprives the ability to log into the **CypherDog** application.

#2. In the lower right corner, in the slide-out panel (\equiv) , there are 3 options:

- account activation
- account suspension
- deletion of the account

🚥 Cypherdog Admin	- 🗆 X
Admins Users Domains Info	≡
Email	Status
admin@cypher.dog	Active
t.kowalczyk@cypher.dog	Active
w.kowalski@cypher.dog	Active
k.glocka@cypher.dog	Active
a.nowak@cypher.dog	Active
	✓ Ø □ =
	٩

#3. Removing a user account increases the pool of available licenses.

ADMINS

Each user who has been granted administrator rights can use the **CypherDog Admin** application by logging into it with a login and password from the **CypherDog**.

#1. Only the Main Administrator can grant and revoke administrator rights.

#2. Administrator rights can be granted to each user belonging to the license (visible in the **Users** tab).

#3. Each of the Administrators gets the rights to manage domains and users.

🚥 Cypherdog Admin		_		×
Admins Users Domains Info				
Email	Status			
w.kowalski@cypher.dog	Active			
a.nowak@cypher.dog	Active			
			*	-
		Ŧ		
				٩

- #4. Admin management options are in the slide-out panel:
 - + adding a new administrator
 - revoking administrator rights

INFO

🖙 Cypherdog Admin	– 🗆 X				
Admins Users Domains Info					
CYPHER.DOG [®]					
Name admin	License expiration date 03-07-2021				
E-mail	Available licenses				
admin@cypher.dog	25				
	Head admin's email				
Change languageEnglish	Logout				

The **Info** tab contains information about the currently logged in administrator and license details.

At the bottom of the page, on the left are the language settings of the application, and on the right, the **Logout** option.

KEYS INTEGRITY

		Cypherdog Admin			- 🗆 X
In the Users tab there is an option Check key integrity. After		Admins Users Domains	Info		×
clicking it, the use	er-generated	Email		Status	
compliance with th	iose sent to	admin@cypher.dog		Active	Set proxy
the vault server.		t.kowalczyk@cypher.dog		Active	
		w.kowalski@cypher. Su	i ccess ys have been validat	ed. The results were placed in the r	new column neck keys integrity
Cypherdog Admin			- 🗆 X		Close
Admins Users Domains Info			≡		Generate config file
Email	Status	Desktop applica	tion status		
admin@cypher.dog	Active	No dev	ice		Proxy URL is:
t.kowalczyk@cypher.dog	Active	ОК			nttps://proxy.enterprise.cypner.aog
w.kowalski@cypher.dog	Active	ОК			
k.glocka@cypher.dog	Active	Not comp	atible		
a.nowak@cypher.dog	Active	ОК			
			_		
			٩		

Meaning of statuses:

ок	There are current user keys on the Vault server (the public key matches the private key on the Vault server).
No device	The user has not yet generated keys.
No record in Vault	The user has not uploaded the keys to the Vault server.
Not compatible	There are out-of-date user keys on the Vault server.
Unknown status	Error checking status.

CYPHERDOG INSTALLATION.4

In order to install the **CypherDog** in Enterprise mode, you will need the application installer (standard) downloaded from the website www.cypher.dog and the configuration file generated by the administrator.

The installer should be started by adding the path of the configuration file for the parameter.

Example:

start CypherDog.exe -config Enterprise.json

#CAUTION. Do not modify the configuration file without proper knowledge. Incorrect configuration may cause a startup error.

#1. After starting the application, the configuration file will be automatically deleted.

#2. To remove an application's Enterprise profile, you must reinstall the application. Use the uninstall.exe file located in the application directory. Removing the application in any other way may not remove all files and settings.

CYPHERDOG.5

LOGIN

The Main Administrator can log into the **CypherDog** with the login and password from the **Cypherdog Admin** application.

#1. In order for the user to be able to connect to the Enterprise license, he must create and activate an account, and then generate his identity (encryption keys).

#2. After successful logging into the application with the Enterprise profile, the settings will be detected and the user will be asked if he wants to connect to the license.



#3. If the user does not have an account in one of the domains defined by the administrator, he will be logged out and receive the following message:



KEYS BACKUP

Select option to backup private key		×
. ∠ Create back	up	
Backup in the Enterprise has already been sent a transfer. Information about Enterprise	se version consists in sending a backup of the key to the Enterprise backup server. Such a cop automatically in the previous steps of the application. Click the button below to perform the e server	у
	Warning Do you want to send the keys to the Enterprise Backup Server?	
	Cancel OK	
BACK	SEND BACKUP	

Success	
Backup has been exported successfully.	
	ок

#1. The user creates a backup of his keys by sending the keys to the vault server.

#2. To create a backup, after logging in, click **Profile**, and then **Create Backup**.

KEY RESTORATION

#1. If a user forgets the password for the keys or loses access to the device on which his identity was saved, he can restore the keys using a backup from the Vault server.

Key Generator	-	×
🔎 Key Generator		
If you are new user of Cypherdog click Create Key.		
If you are current user of Cypherdog and you would like to restore existing your private key prepare restore token from administrator and click Restore Key		
	1/17/	
BACK RESTORE KEY CREATE	KEY	

#2. To restore the keys, click Restore Key in the Key Generator view.

Warning	
In the Enterprise edition, restoring the keys depends on importing them from t backup server. At next step you will be asked to type restoration token from yo administrator. Do you want to restore the keys from the Enterprise Backup Serv	ne Ir er?
Cancel	ок

#3. To import the keys, the user must enter a one-time token that the administrator will generate for him (using a proxy server).

Warning		
Enter the token generated by your administrator for backup.		
Token enterprise		
	Cancel	ок

#4. The next step is to give a new key password and name for the device on which the identity has been restored. The user will be guided through this process using appropriate dialogs.

If you have any additional questions regarding the application, please check the information on our website <u>www.cypher.dog</u> or contact our team: **support@cypher.dog**.