

Table of contents:

- Administrator's Guide
 - User and System Settings
- User Administration
 - Changing a User's Password
 - Creating New Users
 - Editing Users
 - User Roles
 - Runtime Environment
 - Hardware Resources
 - Lab Services
- Runtime Environment
- Hardware Resources
- tLab Services
- Settings
- Exclusions
 - Exclusion Management
 - Import / Export Exclusions
- Network
- Maintenance
- License
- Whitelist
- Yara
- Container Management
- Integration
- Network Storage
- ICAP Server
- Trash Bin

Administrator's Guide

User and System Settings

The button with the username in the top navigation menu opens the settings menu.

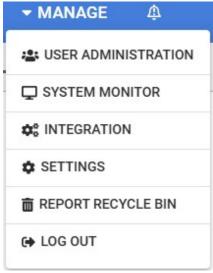


Fig. 1 – Settings Menu

User Administration

Displays a list of all users. In this section, you can create a new user (Add Account), change the password for an existing one (Change Password), and view reports belonging to users (click on the user's login).

+ ADD AC	COUNT							USERS ADMINISTRATION
USER ID	USER LOGIN	USER NAME	USER EMAIL	USER ROLE	EDIT			
2	script	Scriptus	script@localhost	admin	EDIT CHA	ANGE PASSWORD	DELETE	
3	admin			admin	EDIT CHA	ANGE PASSWORD		
9	arconly		arc@rest.only	admin	EDIT CHA	ANGE PASSWORD	DELETE	
33	supra	supra	soup@sup.ra	admin	EDIT CHA	ANGE PASSWORD	DELETE	
35	supra2	supra2	su@p.ra	admin	EDIT CHA	ANGE PASSWORD	DELETE	
36	testadmin	testadmin	tes@tad.min	admin	EDIT CHA	ANGE PASSWORD	DELETE	
40	sampleadmin	sampleadmin	sam@plead.min	admin	EDIT CHA	ANGE PASSWORD	DELETE	

Fig. 2.1 - User table

Changing a User's Password

Changing a user's password is done by clicking the "Change Password" button in the column corresponding to that user in the table. When the button is clicked, a modal window opens in which you need to set a new password.

Change password Jane	
Username:	Jane
New password:*	6-32 символов
Confirm password:*	6-32 символов
	✓ SUBMIT

Fig. 2.2 - Password change window

Creating New Users

Creating new accounts is carried out by the administrator on the User Administration page in the top right menu. "Add Account" opens a form to create a new user. Email, login, and password are mandatory fields. The user can change their password by themselves.

Full name:	John Doe
User login:*	3-45 символов
Password:*	6-32 символов
Confirm password:*	6-32 символов
Email:*	johndoe@gmail.com
Role:	•

Fig. 2 - New user creation form

Editing Users

Editing user data is done by clicking the "Edit" button in the column corresponding to that user in the table. When the button is clicked, a modal window opens in which you need to enter the new data.

Edit user Jane		
Full name:	Jane Doe	
User login:*	Jane	
Email:*	janedoe@gmail.com	
Role:	User	
	✓ SUBMIT	

Fig. 2.3 - User editing window

User Roles

The system supports the following user roles: regular user, expert, and administrator.

In regular user mode, the following capabilities are provided: uploading files for analysis and viewing reports on the uploaded files. Regular users can see their own reports and reports with open access.

In expert mode, there is the ability to set verdicts for analyzed objects, as well as all the capabilities of a regular user.

A system user with an administrator role has the capabilities of both an expert and a regular user, plus a settings panel for component parameters and user management. The administrator can see the reports of all users.

Runtime Environment

This page displays the status of the runtime environment and all virtual machines within it, the status of hardware resource...

Hardware Resources

A page displaying the status of the system's hardware resources in the form of interactive charts with the ability to change ...

tLab Services

A component that displays the statuses and logs of services operating in the system. The status can be "ACTIVE" or "INACT...

Runtime Environment

This page displays the status of the runtime environment and all virtual machines within it, the status of hardware resources, as well as tLab services. Before using dynamic analysis, the environment must be turned on. If the machine status is illuminated in yellow with the label "RESERVED", then a file analysis is being performed on that machine. By clicking on the report title under the "Task" header, you can navigate to that report.

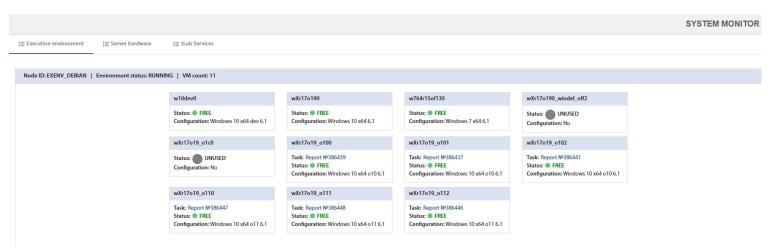


Fig. 3 - Runtime Environment Management Page

Hardware Resources

A page displaying the status of the system's hardware resources in the form of interactive charts with the ability to change the time period. Information available for viewing includes: physical drives, disk usage, logical drives, memory, CPU time, network interfaces, and average CPU load.

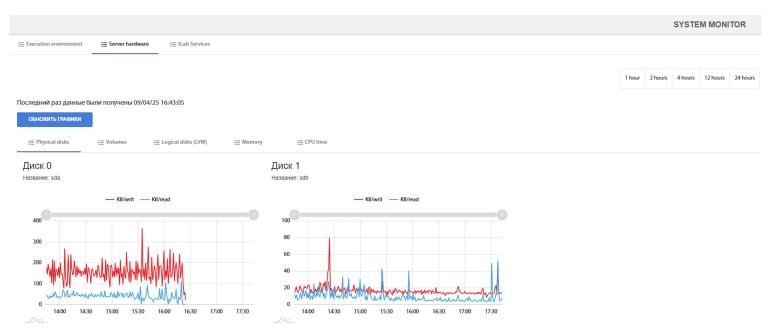


Fig. 3.1 - Hardware Resources Page

tLab Services

A component that displays the statuses and logs of services operating in the system. The status can be "ACTIVE" or "INACTIVE".

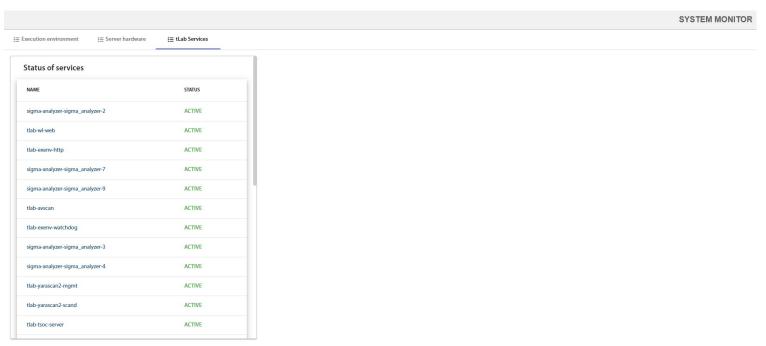


Fig. 3.2 - tLab Services Page

Settings

On this page, various system properties are configured.

Maximum Upload Size - the maximum total volume of files sent for analysis.

Execution Delay - indicates the minimum delay time at which a delay will be detected as a suspicious event and, accordingly, countermeasures will be activated.

Automatic Expert Conclusion - allows you to set the danger level at which the file will have an expert's conclusion: Dangerous.

Counteracting Evasion Techniques - provides an option to select a method of counteracting execution delay (exclude delay - there will be no delay; reduce the delay n times - the delay function is intercepted and reduced n times).

File Types Allowed for Analysis - provides the option to prohibit the analysis of certain file types.

After changing the property, you need to click the "Apply Changes" button inside the panel of this property to save.

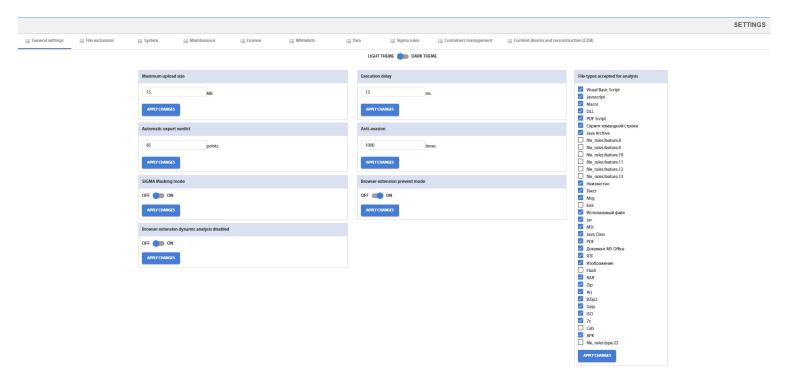


Fig. 4 - System Settings Page

Exclusions

A table with a list of previously added exclusions (files or directories). Allows editing exclusions, as well as enabling or disabling them.

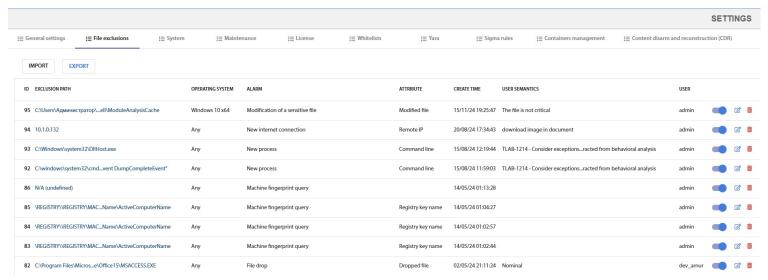


Fig. 4.1 – Exclusions Page

Exclusion Management

The exception is enabled/disabled using a toggle button. If the exception is enabled, it will be taken into account when calculating the threat level of a file.

Editing and deleting an exception is done using the buttons in the column: in the form of a pencil and a trash bin, respectively.

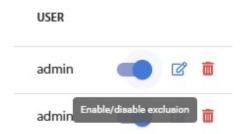


Fig. 4.1.1 - Exclusion management buttons

Import / Export Exclusions

To import exclusions, press the Import button. In the opened window, select a json format file that was previously exported from the system. The result of the import will be the addition of new exclusions, while the old ones will remain unchanged.

To export exclusions, press the Export button. After pressing, the "exclusions.json" file will be downloaded.



Fig. 4.1.2 - Import and export buttons for the exceptions list

Network

Allows you to apply the system's network settings

									SETTINGS
<u>;</u> General settings	<u>;</u> File exclusions	<u>:</u> ≣ System	<u>;</u> ≡ Maintenance	<u>;</u> ≣ License	;≡ Whitelists	;≣ Yara	<u>;</u> ≡ Sigma rules	‡≣ Containers management	
;≡ Network	_								
			Host name:		dev-tlab-debian		SAVE		
			Address:		172.16.110.100				
			Netmask:		255.255.254.0				
			Gateway:		172.16.110.1				
			DNS 1:		172.16.110.1				
			DNS 2:						
				SAVE					

Fig. 4.2 - Network Settings Page

Maintenance

This page provides the option to power off or reboot the tLab system. Rebooting may take several minutes.



Fig. 4.3 - System Maintenance Page

License

This page provides basic information about the license and includes a field for license activation.

License information
О СИСТЕМА АКТИВИРОВАНА.
License name: tLab Enterprise Software + Support
License type: Yearly
License part number: 5d941cc9-6ad1-4c50-8bcc-a156ddd10b1a
License number: -
SKU: -
Issued to: РГУ КНБ РК 12 Департамент
Start date 13/03/2025
End date 14/03/2026
▼ TECHNICAL SUPPORT:
Start date 13/03/2025
End date 14/03/2026

Fig. 4.4.1 - License Information Window

//

Fig. 4.4.2 - License Activation Window

Whitelist

This page displays a list of trusted files that the security system deems safe. Analysis of files included in this list will be rejected with the status WHITELISTED

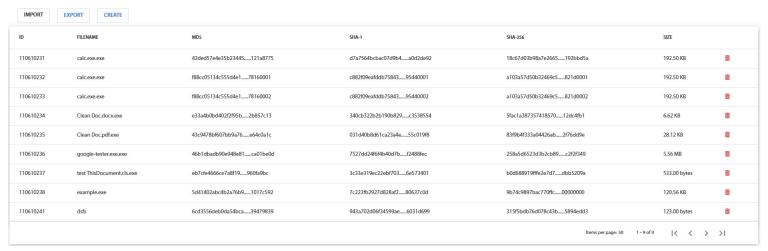


Fig. 4.5.1 - Whitelist table

Files are added to the list by importing an XML file.

Yara

The page displays a list of YARA signatures. YARA signatures can be used to detect known malware, malicious behavioral patterns, and their classification.

There is a mandatory list of signatures from the vendor, highlighted in gray.

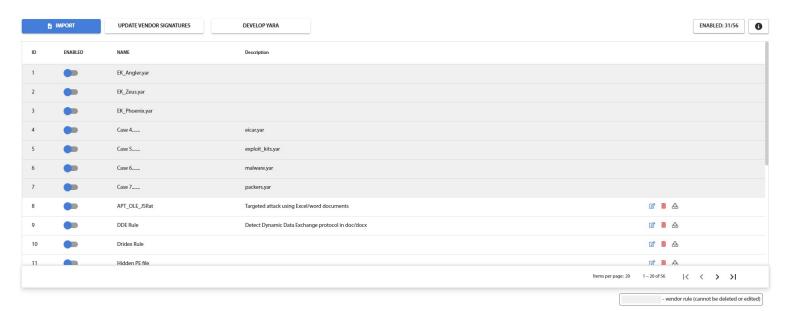


Fig. 4.6.1 - YARA signatures table

By clicking on the button

you can open a window with detailed information about the modules and more.

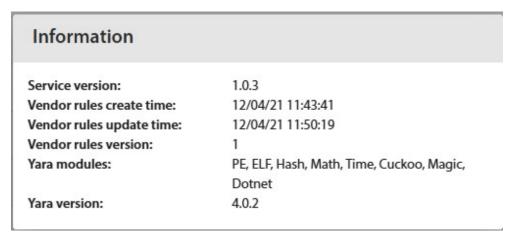


Fig. 4.6.2 - Window with detailed information about Yara

The button 🕹 allows you to download the Yara signature as a .yara file format.

The import of a rule is carried out using the button

IMPORT ■

For import, you need to specify the path to the file in the ".yara" format, as well as provide a name and description. Vendor signatures can only be updated through the system functionality using the button

UPDATE VENDOR SIGNATURES . An archive file with signatures is used as input.

Container Management

The page displays a list of containers within the system. The containers listed in the table are available for analysis, and their status is displayed under Management - System Status.

UPLOAD IMAGE					
ID	NAME	os	APPLICATIONS	CONTAINER COUNT	EDIT DELET
ad92b17d-ed2a-43b4-a504-3ffc2fe9af4e	w764r11of10	Windows 7 x64 SP1 6.1	Default 0, Adobe Reader 11.0.1, MS Office 2010 SP2	0	2 1
37dac045-5048-49fc-aebb-27ec7f46f58b	w764r15of13	Windows 7 x64 SP1 6.1	Default 0, Adobe Reader DC 15, MS Office 2013	1	3
05aa9e2f-6388-4cd1-8874-3022a6b530e0	w7r11of10	Windows 7 SP1 6.1	Default 0, Adobe Reader 11.0.1, MS Office 2010 SP2	0	*
74f8bbf1-c3df-452b-8f7b-b7defac09ebd	w7r15of13	Windows 7 SP1 6.1	Default 0, Adobe Reader DC 15, MS Office 2013	0	3
22ccb3ef-e62a-46bf-b285-7809b9bab131	w7r17of16	Windows 7 SP1 6.1	Default 0, Adobe Reader DC 17, MS Office 2016	0	2 1
cd06cbd5-0474-43f1-bba5-3afd1022b612	w81r17o10	Windows 8.1 x64 SP1 6.1	Default 0, Adobe Reader DC 17, MS Office 2010 SP2	0	2 6
32b6dd26-72fd-48bc-a331-751e94e75352	wXr10of10s1	Windows XP SP3 5.1	Default 0, Adobe Reader 10.1.3, MS Office 2010 SP1	0	3
533a0d6e-3f93-4d3b-ad4d-71b43f60fcc4	wXr11of10s2	Windows XP SP3 5.1	Default 0, Adobe Reader 11.0.1, MS Office 2010 SP2	0	3
083e333b-a085-4058-8197-87d021121ff1	wXr17o19	Windows 10 x64 SP1 6.1	Default 0, Adobe Reader DC 17, MS Office 2019	1	3
083e333b-a085-4058-8197-87d021121ff2	wXr17o190_windef_off	Windows 10 x64 off SP1 6.1	Default 0, Adobe Reader DC 17, MS Office 2019	1	2 1
e10bc3dc-bf52-41e2-b790-8b64b624395a	wXr17o19_o10	Windows 10 x64 o10 SP1 6.1	Default 0, Adobe Reader DC 17, MS Office 2019	3	2 1
50f0fa8f-5a1e-41e0-8b09-235c501f6792	wXr17o19_o11	Windows 10 x64 o11 SP1 6.1	Default 0, Adobe Reader DC 17, MS Office 2019	3	3
03c5500b-04b1-4d56-bc99-d018aad242ca	wXr9of7s2	Windows XP SP3 5.1	Default 0, Adobe Reader 9.1.0, MS Office 2007 SP2	0	*

Fig. 4.7.1 - Containers table

To add a new container, you need to click the button **UPLOAD IMAGE**. Two types of import are available:

- 1. Import via local path
- 2. Import via URL

Integration

Within the framework of integration, functionality is provided for integrating the system with various external services and resources, which help enhance its functionality and efficiency. Various settings and detailed information are available here. This feature can be accessed under Management - Integration.

The following sections are presented: network storage, Trend Micro integration, ICAP server.

Network Storage

Page displaying a list of network storages (shared folders/shares). The table shows the following storage characteristics:

- 1. Scanning enabled/disabled per schedule
- 2. Name
- 3. Server (IP)
- 4. Path
- 5. Scanning schedule (configurable)
- 6. Scanning type: full or quick. Quick skips files scanned per schedule for the period set in the "Days until expiry" field.
- 7. Preset name

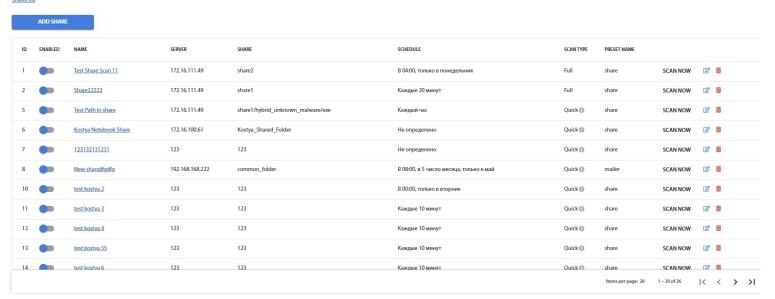


Figure 4.8.1 - Network Storage Table

To view scanning sessions for a specific storage, click on the storage name

ID	ENABLED	NAME
1		Test Share Scan 11

Fig. 4.8.2 - Link to scanning sessions

STARTED AT	ENDED AT	TOTAL FILES	SCANNED FILES	MALICIOUS FILES	ERROR
		13	13	4	
		<u>13</u>	13	5	
		<u>13</u>	13	5	
		<u>13</u>	13	5	
		<u>13</u>	13	5	
		<u>13</u>	13	5	
		13	13	5	
		Q	0	0	Δ
		13	12	4	
		13	13	5	
		13	13	5	
				Items per page: 20 1 – 2	0 of 627 < > >

Fig. 4.8.3 - Storage scanning sessions table

During the storage scanning, there's a possibility of encountering an error. If an error occurs, an error icon will be present in the "Error" column . Clicking on this icon will display a description of the error.

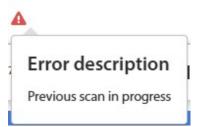


Fig. 4.8.4 - Error description during scanning

Shares list → Test Share Scan 11 → Scan #833

Fig. 4.8.4.1 - Navigation on the network storage page

Navigation on the page is done by clicking on the links in Figure 4.8.4.1

To view the list of files that have been analyzed during scanning, click on the link that becomes active when you click on the numerical value in the "Total Files" column

Shares list → Test Path in share

STARTED AT	ENDED AT	TOTAL FILES
		<u>24</u>
		<u>24</u>

Fig. 4.8.5 - Link to the table of analyzed files



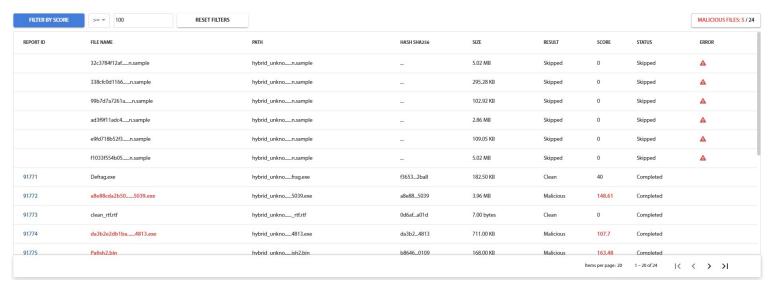


Fig. 4.8.6 - Table of analyzed files

To access the report for the analysis of a file, click on the report number in the "Report Number" column

ICAP Server

Page for configuring the ICAP server and filter settings.

¡≣ Network storage	Micro integration ;≡ ICAP server ;≡ Browser ex	ctension management		
Filter settings			Server settings	
Enabled:	OFF ON		Start amount of processes:	5
Mode:	Prevent	× ×	Max. amount of processes:	10
Preset name:	webgateway		Amount of threads per process:	10
Research time:	30		Min. amount of spare threads:	10
Research timeout:	300		Max. amount of spare threads:	20
Pass on timeout:	OFF ON			SAVE
Block threat score:	80			JAYL
	SAVE			

Fig. 4.9.1 - ICAP Settings Page

Trash Bin

Reports deleted by the administrator are placed in the trash bin. From here, they can be restored or the trash bin can be cleared. Reports in the trash bin can be viewed through a direct link or from within the trash bin.

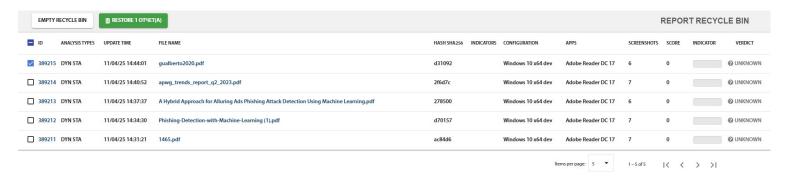


Fig. 5 - Reports Trash Bin Page