

# Eltex Distribution Manager v0.7

EDM (Eltex Distribution Manager) . CLI, ESR. .

.

EDM:

- 1. , ESR https .
- 2. ESR IPS-EDM IPS .

EDM , .

, . EDM - EDM Loader/EDM Server/EDM CLI, .  
(EDM Root) - ESR .  
(EDM Server) - ESR, .  
(EDM Loader) - , .  
(EDM CLI) - .  
- EDM.

. . . . .

ESR EDM .

, .  
EDM.

. EDM. , EDM Server, EDM Root, , .

## IPS

EDM , .

: Ubuntu 16 / Ubuntu 18  
: 2, 4  
: openjdk-8-jdk, mysql-server, mysql-client

eltex-edm-helper-0.7.sh, .  
--key=<key>

```
sudo ./eltex-edm-helper-0.7.sh --key=keyfromcommandline
```

, , /etc/edmi/system.xml licenseKey.

```
<entry key="licenseKey">keyfromcommandline</entry>
```

.

.

- Eltex.

:

```
sudo apt-get update || true
```

```
sudo apt-get install curl
```

```
Eltex apt
```

```
sudo echo "deb [arch=amd64] http://archive.eltex-co.ru/edm edm-0.7-xenial main" > /etc/apt/sources.list.d/eltex.  
list
```

```
sudo install wget# GPG
```

```
sudo wget -O - http://archive.eltex-co.ru/edm/repo.gpg.key | apt-key add -
```

```
sudo apt-get update || true
```

mysql-server, mysql-client, openjdk-8-jdk EDM :

```
sudo apt install -y mysql-server mysql-client openjdk-8-jdk
```

EDM - edmi-server, edmi-loader, edmi-cli:

```
sudo apt install edmi-server edmi-loader edmi-cli
```

CLI :

```
sudo edmi-cli
```

.

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-

**EDM**

deb .

edmi-server, edmi-loader edmi-cli.

EDM - edmi-server, edmi-loader edmi-cli.

EDM Server

EDM Server .

:

```
sudo apt install ./edmi-server*
```

1:

1 - EDM Server.

EDM DB Setup Setup remote DB connection?  EDM ?	EDM .  , YES , .	No	No
Input EDM user data Password  EDM	'edm' EDM .  MySQL. :  • 8 • • •  MySQL :  SHOW VARIABLES LIKE 'validate_password%';	EDMp@ss1	
Allow remote connections to EDM DB?  EDM?	EDM 'edm'.	Yes	No
Add open rules sources to database?  ?	suricata .	Yes	Yes
EDM config setup Input license key  EDM	EDM.		
EDM config setup Input EDM Root server URL  EDM Root EDM	Root EDM.	<a href="https://edm.eltex-co.ru:8098">https://edm.eltex-co.ru:8098</a>	<a href="https://edm.eltex-co.ru:8098">https://edm.eltex-co.ru:8098</a>

EDM Loader

EDM Loader EDM Root .

```
sudo apt install ./edmi-loader*
```

2:

2 - EDM Loader.

--	--	--	--

EDM DB Setup Setup remote DB connection?  EDM ?	EDM .	No	No
Input MySQL administrator data Username  MySQL	MySQL EDM. MySQL . (auth_socket) .	root	
Input MySQL administrator data Password  MySQL	MySQL. MySQL . (auth_socket) .		
Found filled EDM database! What to do with existing DB?  EDM! ?	. edmi-loader, : • •	Cancel	Update DB

EDM CLI

EDM CLI EDM.

```
sudo apt install ./edmi-cli*
```

, .

EDM Loader EDM Server , :

```
/etc/edmi
```

EDM CLI :

```
/etc/edmi-cli
```

3.

3 - .

rootURL	Root EDM.	Issue EDM, .
licenseKey	Issue EDM.	Issue EDM Root EDM. .
loaderHostProtectMode	.	.
loaderHostTitle	Issue EDM Loader.	.
serverHostTitle	Issue EDM Server.	
inactiveHostsKeepDays	.	, .
serverHost	.	.
serverPort	.	
threadLimit	.	.
queueLimit	.	
deviceMaxTimeout	, , .	, .
deviceWaitRequestTimeout	, , .	
deviceWaitRootTimeout	, Root EDM.	

dosFilterMaxRequestsPerSec	.	DoS .
dosFilterDelayMs	, , .	
securityCheckPeriodHours	.	.
sourceUnknownRequestLimit	IP-.	
badAuthLimit	.	
userLoginTimeout	, CLI,	CLI .
userInactiveTimeout	CLI ,	
commandsExecuteTimeoutMinutes	EDM.	EDM Loader/Server.

4.

4 - .

/var/log/edmi/server	EDM Server
/var/log/edmi/loader	EDM Loader
/var/log/edmi-cli	EDM CLI

5.

5 - .

db.log	EDM
debug.log	EDM
engine.log	EDM
hosts.log	EDM
kernel.log	EDM
networking.log	EDM
security.log	EDM
users.log	EDM

EDM Loader, :

```
sudo service edmi-loader status
```

EDM Server:

```
sudo service edmi-server status
```

EDM Loader , :

```
sudo service edmi-loader restart
```

EDM Server:

```
sudo service edmi-server restart
```

EDM Server:

```
sudo systemctl stop edmi-server
```

EDM Loader:

```
sudo systemctl stop edmi-loader
```

## EDM

EDM:

```
sudo dpkg -P edmi-server edmi-loader edmi-cli
```

EDM:

```
sudo dpkg -l|grep edmi  
sudo dpkg -P <service_name>
```

## journalctl

, EDM Loader , .

edmi-loader :

```
sudo journalctl -u edmi-loader --no-pager | tail -n 100
```

, EDM Loader :

```
sudo journalctl -u edmi-loader -f
```

EDM Server:

```
sudo journalctl -u edmi-server--no-pager | tail -n 100  
sudo journalctl -u edmi-server -f
```

## docker-

### docker

— [docker.com](https://docs.docker.com/):

```
sudo curl -fsSL https://get.docker.com -o get-docker.sh  
sudo sh get-docker.sh
```

### docker

docker sudo:

```
sudo usermod -aG docker $(whoami)
```

## docker-compose

Docker-compose — docker, github:

```
sudo curl -L "https://github.com/docker/compose/releases/download/1.25.4/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose
sudo chmod +x /usr/local/bin/docker-compose
sudo ln -s /usr/local/bin/docker-compose /usr/bin/docker-compose
```

- - docker-compose.yml, docker-compose-cli.yml, .env

[docker-compose-cli.yml](#)

[.env](#)

[docker-compose.yml](#)

docker-compose.yml, docker-compose-cli.yml, .env , .env edm ( edm , ) EDM\_DB\_PASSWORD EDM\_LICENSE\_KEY - .

:

```
docker-compose up -d
```

, :

```
docker-compose up
```

,

### EDM Server

EDM Server :

```
sudo docker-compose down
```

### EDM Server

EDM :

1. , EDM.
2. EDM:

```
docker-compose down --rmi all
```

3. EDM CLI:

```
docker-compose -f docker-compose-cli.yml down --rmi all
```

4. EDM:

```
sudo rm -rf config/ db/ log/ rules/
```

### EDM

EDM , , docker-compose.yml docker-compose-cli.yml :

```
sudo docker-compose down -v
sudo docker images --format "{{.Repository}}:{{.Tag}}" | grep :0.7 | xargs -L1 docker pull
```

EDM , , EDM. 6.

6 - .

./log/edmi	EDM Server/Loader
./log/edmi-cli	EDM CLI

## EDM CLI EDM Server

EDM CLI c .  
EDM CLI :  
-:

```
sudo edmi-cli
```

:

```
sudo docker-compose -f docker-compose-cli.yml run --rm edmi-cli
```

CLI, admin . :

- 8
- 
- 
- :!@#\$%+~\*/;,:\_=[^?{}[]()~

. 7:

7 - , .

help	-	.	
main	-	() CLI.	
menu	-	CLI .	
changepass	-	CLI.	
exit	-	CLI.	
ips	-	IPS	
license	-	LICENSE	
users	-	USERS	

### users

"users".  
, . 8.

8- CLI, .



show user	--login <user login>		users-view
show users	[--mode valid blocked all] (all) [--sort login name surname register status] (login) [--order asc desc] (asc) [--limit <limit count>] (10) [--skip <skip count>] (0)	,	users-view
add	--login <user login> --role watcher manager administrator [--name <user name>] (null) [--surname <user surname>] (null)		users-manage
edit	[--login <user login>] (null) [--role watcher manager administrator] (null) [--name <user name>] (null) [--surname <user surname>] (null) [--status initialize valid suspect blocked] (null) [--info <status info>] (null) [--expiry <status expiry date>] (null)	. CLI. info	users-manage
set password	--login <user login>		users-manage
delete	--login <user login>		users-manage

#### show users show user --login login.

```

edmi-users> show users
1. Login: admin; Registered: 2021-03-03 08:35:20; Permissions: admin; Status: valid

2. Login: login; Name: name; Surname: surname; Registered: 2021-03-03 09:03:20; Permissions: LV/IV/HV/UV;
Status: valid

End of list
  show user --login login

edmi-users> show user --login login
Login: login; Name: name; Surname: surname; Registered: 2021-03-03 09:03:20
Permissions:

license-view
ips-view
hosts-view
users-view
; Password changed: 2021-03-03 09:03:20
Status info:

Status: valid
Changed: 2021-03-03 09:03:20
Expiry: 2022-12-20 00:00:00
Info: someinfo

Stats:

Strikes: 0

```

9 - .

watcher	—	license-view ips-view users-view hosts-view
manager	— EDM	license-view license-manage ips-view ips-manage users-view hosts-view hosts-manage
admin	— EDM +	license-view license-manage ips-view ips-manage users-view users-manage hosts-view hosts-manage

10:

10 - .

initialize	, , .
valid	.
suspect	, .
blocked	.

CLI changepass .

iprules

"iprules". 11.

11 - iprules.

show vendors			ips-view
load rules	[--open true/false] (false)		ips-manage
show files	--vendor <vendor name>		ips-view

add vendor	--vendor <vendor name> --url <URL to rules> [--cert <path to certitiface>] (null)		ips-manage
add file	--vendor <vendor name> --file <file name> [--description <description>] (null)		ips-manage
edit vendor	--vendor <vendor name> [--url <URL to rules>] (null) [--cert <path to certitiface>] (null)		ips-manage
edit file	--vendor <vendor name> --file <file name> --description <description>		ips-manage
delete vendor	--vendor <vendor name>		ips-manage
delete files	--vendor <vendor name>		ips-manage
delete file	--vendor <vendor name> --file <file name>		ips-manage

## license

"license". 12.

12 - license.

load license			license-manage
load devices			license-manage
show license			license-view
show device	--serial <serial number>] (null) [--mac <MAC address>] (null)	- . .	license-view
show devices	--mode active inactive expired all] (all) [--sort serial mac cert request] (serial) [--order asc desc] (asc) [--limit <limit count>] (10) [--skip <skip count>] (0)	Issue- ,	license-view
revoke device	--serial <serial number>] (null) [--mac <MAC address>] (null)	. . .	license-manage

## ips

"ips". 13.

13 - ips.

show vendors			ips-view
load rules	--open true false] (false)		ips-manage
show files	--vendor <vendor name>		ips-view
add vendor	--vendor <vendor name> --url <URL to rules> [--cert <path to certitiface>] (null)		ips-manage

add file	--vendor <vendor name> --file <file name> [--description <description>] (null)		ips-manage
edit vendor	--vendor <vendor name> [--url <URL to rules>] (null) [--cert <path to certitiface>] (null)		ips-manage
edit file	--vendor <vendor name> --file <file name> --description <description>		ips-manage
delete vendor	--vendor <vendor name>		ips-manage
delete files	--vendor <vendor name>		ips-manage
delete file	--vendor <vendor name> --file <file name>		ips-manage

# ESR

EDM ESR 1.13.0 exfat microSD usb Flash.  
, ESR. ESR . ESR ESR. [ESR-Series](#). . [1.12.0](#) /

1. ESR, EDM ESR.

```
configuration
content-provider
host address [address]
host port [EDM-port] (8098)
storage-device [label-of-device]
reboot immediately
enable
```

2. EDM, .  
3. ESR EDM IPS-EDM .

,.. EDM.

```
08 15:57:28 ilya-pc service_startup.sh[16837]: 2021-02-08 15:57:28,183 ERROR o.e.e.e.i.IssueServerEngine.
loadIssueDevice (line:66) - Load device DeviceParams={Serial=serial0, Mac=mac0, Model=model, Hardware
version=v1} with script state DeviceAuth.authRequest error: Not found :
08 15:57:28 ilya-pc service_startup.sh[16837]: 2021-02-08 15:57:28,184 ERROR o.e.e.m.h.i.IssueDeviceManager.
loadDevice (line:162) - node0lge77g00zdacsseekki3a4etz19: Can't load device info!

08 16:02:35 ilya-pc service_startup.sh[16837]: 2021-02-08 16:02:35,030 ERROR o.e.e.e.i.c.AbstractEdmCertEngine.
checkCertificateValid (line:38) - Can't check certificate with library!
08 16:02:35 ilya-pc service_startup.sh[16837]: 2021-02-08 16:02:35,054 ERROR o.e.e.m.h.i.IssueDeviceManager.
ESRAuth (line:504) - node0jdd9emadn9vc17wfvugej7tpb22: Can't authenticate ESR device! Device certificate is
malformed!
```

:

- 1.

, .. , .

```
08 16:02:35 ilya-pc service_startup.sh[16837]: 2021-02-08 16:02:35,030 ERROR o.e.e.e.i.c.AbstractEdmCertEngine.  
checkCertificateValid (line:38) - Can't check certificate with library!  
08 16:02:35 ilya-pc service_startup.sh[16837]: 2021-02-08 16:02:35,054 ERROR o.e.e.m.h.i.IssueDeviceManager.  
ESRAuth (line:504) - node0jdd9emadn9vc17wfvugej7tpb22: Can't authenticate ESR device! Device certificate is  
malformed!
```

:

1.

, .. , EDM.

```
08 13:32:44 ilya-pc service_startup.sh[17948]: 2021-02-08 13:32:44,013 ERROR o.e.e.e.i.IssueServerEngine.  
prepareConfirmingIssueDevice (line:187) - Prepare confirming device DeviceParams={Serial=serial0, Mac=mac0,  
Model=model, Hardware version=v1} error: License permissions exceed :
```

:

**EDM**

, .. EDM .

```

08 14:46:52 ilya-pc service_startup.sh[16837]: 2021-02-08 14:46:52,117 ERROR o.e.e.s.l.EdmIssueLib.
getRulesByKey (line:207) - Can't execute getRulesByKey library method!
08 14:46:52 ilya-pc service_startup.sh[16837]: org.eltex.edm.common.exceptions.LibException: Security for
RuleKeys not initialized!
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.eltex.edm.security.jni.EdmIssueLibJni.
getRulesByKey(Native Method)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.eltex.edm.security.lib.EdmIssueLib.getRulesByKey
(EdmIssueLib.java:203)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.eltex.edm.managers.https.issue.
IssueDeviceManager.ESRGetRules(IssueDeviceManager.java:1097)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.eltex.edm.controllers.issue.v2.IssueController.
ESRGetRules(IssueController.java:361)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.eltex.edm.controllers.issue.v2.
IssueController$$FastClassBySpringCGLIB$$4df12947.invoke(<generated>)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.springframework.cglib.proxy.MethodProxy.invoke
(MethodProxy.java:218)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.springframework.aop.framework.
CglibAopProxy$CglibMethodInvocation.invokeJoinpoint(CglibAopProxy.java:749)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.springframework.aop.framework.
ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.springframework.aop.interceptor.
AsyncExecutionInterceptor.lambda$invoke$0(AsyncExecutionInterceptor.java:115)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at org.springframework.aop.interceptor.
AsyncExecutionAspectSupport.lambda$doSubmit$3(AsyncExecutionAspectSupport.java:276)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at java.util.concurrent.CompletableFuture$AsyncSupply.
run(CompletableFuture.java:1590)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at java.util.concurrent.ThreadPoolExecutor.runWorker
(ThreadPoolExecutor.java:1149)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at java.util.concurrent.ThreadPoolExecutor$Worker.run
(ThreadPoolExecutor.java:624)
08 14:46:52 ilya-pc service_startup.sh[16837]:          at java.lang.Thread.run(Thread.java:748)
08 14:46:52 ilya-pc service_startup.sh[16837]: 2021-02-08 14:46:52,159 ERROR o.e.e.m.h.i.IssueDeviceManager.
ESRGetRules (line:1100) - node01oqdq4qbwbs04p8wn4cddq0iw9: Can't get encrypted rules with library!

```

:

1. **EDM**

, ... **EDM**.

```

08 15:04:40 ilya-pc service_startup.sh[16837]: 2021-02-08 15:04:40,174 ERROR o.e.e.m.h.i.IssueDeviceManager.
ESRGetRules (line:1109) - node013whagrkdwyzowf7eh2x7mj7611: Requested rules content is empty!

```

:

- 1.
2. **EDM**

, ... **EDM**.

```

08 15:38:43 ilya-pc service_startup.sh[16837]: 2021-02-08 15:38:43,374 WARN o.e.e.e.IpsEngine.
loadRulesByAccess (line:254) - Requested file 'PhishingURLsDF' for vendor 'kaspersky' not supported by license

```

:

- 1.
2. EDM

, EDM CLI :

```
license
```

:

```
revoke device --serial < >
```

```
edmi-license> show devices
1. Serial: NP0B000317; Mac: A8:F9:4B:AD:8E:5C; Model: ESR-20; Hardware: lv4; Source IP: 192.168.30.20;
Certificate status: valid

End of list
edmi-license> show device --mac A8:F9:4B:AD:8E:5C
Serial: NP0B000317; Mac: A8:F9:4B:AD:8E:5C; Model: ESR-20; Hardware: lv4; Source IP: 192.168.30.20; Last auth:
2021-03-04 06:48:59; Last request: 2021-03-04 06:47:58
Certificate:

    Last changed: 2021-03-04 06:30:59
    Status: valid
    Expiry: 2021-04-03 06:30:58

edmi-license> revoke device --mac A8:F9:4B:AD:8E:5C
Certificate revoke command 8 is created. Please wait...
edmi-license> Certificate revoke command 8 is done! Certificate is successfully revoked for device Device=
{ID=1, Serial=NP0B000317, Mac=A8:F9:4B:AD:8E:5C, Model=ESR-20, Hardware=lv4, Source IP=192.168.30.20}

edmi-license> show devices
ERROR Not found: Devices not found
edmi-license> show device --mac A8:F9:4B:AD:8E:5C
Device with MAC address A8:F9:4B:AD:8E:5C not found!
```

, :

```
license
```

:

```
show device --serial < >
```

, .

## EDM

EDM EDM 15.  
, , EDM CLI :

license

:

load license

#### load license / show license

```
edmi-license> load license
Start upload license data process command 1 is created. Please wait...
edmi-license> Start upload license data process command 1 is done! License data is loaded from Root server!
show license
License key: key; Contract: con; Organization: org; Registered: 2021-03-04 06:21:57; Updated: 2021-03-04 06:21:
57; Devices changed: 2021-03-04 06:21:57; Valid from: 2021-03-04 06:21:57; Expiry: 2022-06-04 06:21:57; Status:
active; Hosts limit: 5
IPS access:

    No supported vendors

    Unsupported vendors:

        Vendor: kaspersky

        Files:

            BotnetCAndCURLsDF (Kaspersky Lab BotnetCAndCURLsDF feed
Botnet CnC URL Feed - a set of URLs and hashes with context that cover desktop botnet C&C servers and related
malicious objects
) [items = 10014]

            IoTURLsDF (Kaspersky Lab IoTURLsDF feed
IoTURLsDF URL feed - a set of URLs with context covering malware that infects IoT (Internet of Things) devices
) [items = 8000]

            IPReputationDF (Kaspersky Lab IPReputationDF feed
IP Reputation Data Feed - set of IP addresses with context that cover different categories of suspicious and
malicious hosts
) [items = 8000]

            MaliciousHashDF (Kaspersky Lab MaliciousHashDF feed
Malicious Hash feed - a set of hashes of malicious objects
) [items = 1]

            MaliciousURLsDF (Kaspersky Lab MaliciousURLsDF feed
Malicious URL feed - set of URLs with context that cover malicious websites and web pages
) [items = 11979]

            MobileBotnetCAndCDF (Kaspersky Lab MobileBotnetCAndCDF feed
Mobile Botnet CnC URL Feed - set of URLs with context that cover mobile botnet C&C servers
) [items = 8844]

            MobileMaliciousHashDF (Kaspersky Lab MobileMaliciousHashDF feed
Mobile Malicious Hash feed - a set of hashes of malicious objects for mobile platforms
) [items = 1]

            PhishingURLsDF (Kaspersky Lab PhishingURLsDF feed
Phishing URL feed - a set of URLs with context that cover phishing websites and web pages
) [items = 10694]

            RansomwareURLsDF (Kaspersky Lab RansomwareURLsDF feed
RansomwareURLsDF - a set of URLs, domains, and hosts with context that cover ransomware links and websites
) [items = 8000]

Devices limits:

    No supported models
```



, EDM CLI :

```
ips
```

:

```
load rules
```

```
edmi-ips> load rules
Start upload rules process command 1 is created. Please wait...
edmi-ips> Start upload rules process command 1 is done! Get licensed IPS rules process is initialized
```

EDM , :

```
ips
```

:

```
edmi-ips> show files --vendor kaspersky
```

EDM .

## show files --vendor kaspersky

```
edmi-ips> show files --vendor kaspersky
1. File: BotnetCAndCURLsDF (10014 items); File type: rules; Description: Kaspersky Lab BotnetCAndCURLsDF feed
Botnet CnC URL Feed - a set of URLs and hashes with context that cover desktop botnet C&C servers and related
malicious objects
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

2. File: IoTURLsDF (8000 items); File type: rules; Description: Kaspersky Lab IoTURLsDF feed
IoTURLsDF URL feed - a set of URLs with context covering malware that infects IoT (Internet of Things) devices
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

3. File: IPReputationDF (8000 items); File type: rules; Description: Kaspersky Lab IPReputationDF feed
IP Reputation Data Feed - set of IP addresses with context that cover different categories of suspicious and
malicious hosts
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

4. File: MaliciousHashDF (1 items); File type: rules; Description: Kaspersky Lab MaliciousHashDF feed
Malicious Hash feed - a set of hashes of malicious objects
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

5. File: MaliciousURLsDF (11979 items); File type: rules; Description: Kaspersky Lab MaliciousURLsDF feed
Malicious URL feed - set of URLs with context that cover malicious websites and web pages
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

6. File: MobileBotnetCAndCDF (8844 items); File type: rules; Description: Kaspersky Lab MobileBotnetCAndCDF feed
Mobile Botnet CnC URL Feed - set of URLs with context that cover mobile botnet C&C servers
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

7. File: MobileMaliciousHashDF (1 items); File type: rules; Description: Kaspersky Lab MobileMaliciousHashDF
feed
Mobile Malicious Hash feed - a set of hashes of malicious objects for mobile platforms
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

8. File: PhishingURLsDF (10694 items); File type: rules; Description: Kaspersky Lab PhishingURLsDF feed
Phishing URL feed - a set of URLs with context that cover phishing websites and web pages
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

9. File: RansomwareURLsDF (8000 items); File type: rules; Description: Kaspersky Lab RansomwareURLsDF feed
RansomwareURLsDF - a set of URLs, domains, and hosts with context that cover ransomware links and websites
; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51; Last request: 2021-03-04 06:10:51

10. File: classification.config; File type: config; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51;
Last request: 2021-03-04 06:10:51

11. File: MobileMaliciousHashDF_md5.txt; File type: hash; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:
10:51; Last request: 2021-03-04 06:10:51

12. File: MaliciousHashDF_md5.txt; File type: hash; Updated: 2019-11-28 02:54:55; Loaded: 2021-03-04 06:10:51;
Last request: 2021-03-04 06:10:51
```

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ESR, EDM, 14:

14 - EDM.

				HTTP
0	UNKNOWN	.	, EDM, .	500 Internal Server Error
2	OK	.	.	200 OK
3	CHECK	.	.	200 OK
4	CONTINUE	.	.	200 OK
5	NOT_FULL	.	, .	200 OK

6	EMPTY	.	, .	500 Internal Server Error
7	LICENSE_GEN_CONNECTION	.	.	500 Internal Server Error
8	LICENSE_GEN_AUTH_ERROR	.	, .	500 Internal Server Error
9	LICENSE_GEN_ERROR	.	.	500 Internal Server Error
10	ERR_NEW	.	.	403 Forbidden
11	ERR_STATUS	.	EDM.	403 Forbidden
12	PARAMS_MISSING	.	.	400 Bad Request
13	ERR_USED	.	EDM, .	403 Forbidden
14	REJECTED	.	EDM .	403 Forbidden
15	DEVICE_TIMEOUT	.	.	403 Forbidden
16	INVALID_PROCESSING	.	.	403 Forbidden
20	ERR_INTERNAL	.	EDM.	500 Internal Server Error
21	LICENSE_INVALID	.	, , .	403 Forbidden
22	SIGN_INVALID	.	, .	403 Forbidden
24	LICENSE_LIMIT	.	, .	403 Forbidden
25	PARAMS_MALFORMED	.	, .	400 Bad Request
26	CERT_MALFORMED	.	Issue EDM, - .	403 Forbidden
27	CERT_REVOKED	.	Issue EDM, - .	403 Forbidden
28	CERT_EXPIRED	.	Issue EDM, - .	403 Forbidden
29	HARDWARE_NOT_MATCH	ESR .	Root EDM, .	403 Forbidden
30	NOT_REGISTERED	.	Issue EDM, - .	403 Forbidden
31	LICENSE_EXPIRED	.	, , .	403 Forbidden
33	PIN_INVALID	.	, , .	403 Forbidden
35	SESSION_INVALID	.	.	403 Forbidden
36	LICENSE_NOT_FOUND	.	, , .	403 Forbidden
37	LICENSE_NOT_STARTED	.	, , .	403 Forbidden
38	ACCESS_DENIED	.	IP- .	403 Forbidden
45	REJECTED_SERVICE	.	, , , .	403 Forbidden
50	ROOT_UNAVAILABLE	Root .	Root EDM Issue EDM.	503 Service Unavailable
51	AUTH_BAD_PASS	.	WEB-.	403 Forbidden
52	AUTH_BAD_USER	.	WEB- .	403 Forbidden
53	AUTH_BAD_STATUS	.	WEB- .	403 Forbidden
54	NOT_AUTHORIZED	.	WEB-, .	403 Forbidden
56	NOT_PERMITTED	.	, , WEB-.	403 Forbidden

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