



L2-Scripts – L2Sguard

The screenshot displays the SGuard Admin Interface with three overlapping windows. The background window shows the main dashboard with the L2-Scripts logo and navigation tabs: Russian, Manage Players, Manage Server, Bans/Detections, and Online History. It also displays account details for 'test', a teleport button, and a ban count of 0. The middle window shows a 'Ban Account' form with fields for Ban Type (set to Permanent), Ban Time (hours), and Ban Reason, along with a 'Ban' button. Below this are tables for HWID History and IP History, each with columns for HWID/IP, a 'Ban' button, and a 'Detection Records' table with columns for HWID, Account, IP, Time, and Detected. The bottom window shows 'Detection Actions' with a list of actions and their descriptions: REALTIME_BAN (unlimited account lock), DISCONNECT (disconnect when entering the game), LOG (only logging), TEMPORARY_BAN (temporary blocking of your account: TEMPORARY_BAN(360) - the account will be blocked for 360 minutes), and DELAYED_BAN (indefinite deferred ban: DELAYED_BAN(30-60) - the account will be locked after 30 - 60 minutes). Below these are sections for RADAR (DISCONNECT), BOT (REALTIME_BAN), and PACKET_HACK (REALTIME_BAN), each with a dropdown menu and an input field. A 'Save' button is at the bottom of this window.



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Main Page

Call it with command: //smenu

SGuard Admin Interface

Russian Manage Players Manage Server Bans/Detections Online History

Active Sessions 2 Ban Count: 0 License Expires: 19-01-2038 02:00:00

Latest Bans

HWID	Account	IP	Time	Comment
------	---------	----	------	---------

Latest Detections

HWID	Account	IP	Time	Detected
------	---------	----	------	----------

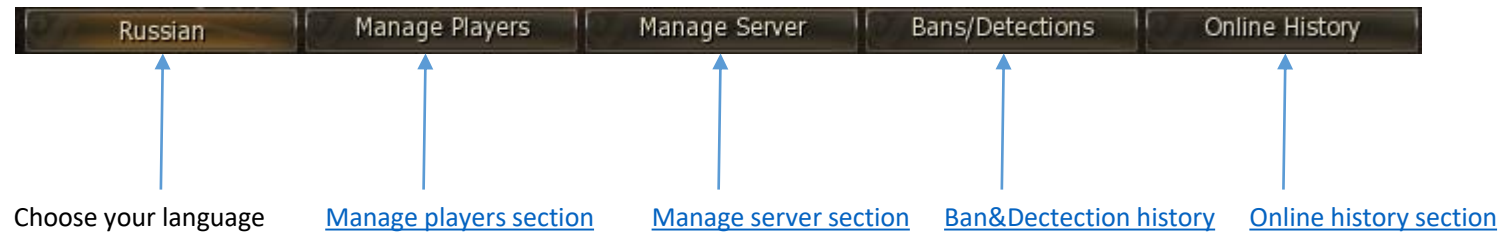
Skype Tech. Support: live:sguard.soft

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Main Page



Active Sessions 2 Ban Count: 0 License Expires: 19-01-2038 02:00:00

Active unique connections in 24 hours Total ban count Date in which the license will expire

Latest Bans				
HWID	Account	IP	Time	Comment

Latest ban quick history



Main Page

Latest Detections				
HWID	Account	IP	Time	Detected

Latest auto detection quick history

Skype Tech. Support: [live:sguard.soft](skype:live:sguard.soft)

Sguard tech support works every day 16 hours a day to help you

[\(c\)L2-scripts.com 2017](#)

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Credits to developers, you can click on the link to get to the website (available in API area)



Manage Players



Our new player management system, gives the availability to search players across all known information regarding them. You may search offline players as well and ban them.





Manage Players(Account Results)

You can teleport to the active character on an account if he's online

Account ban types



Every **green** field is clickable. You may click on the field to see all matches for that information. You may also ban and unban those specific HWID, Accounts or IPs

SGuard Admin Interface

Russian Manage Players Manage Server Bans/Detections Online History

Details for Account: **test**

Teleport

Ban Account

Ban Type: Permanent Ban Time (hours): Ban Reason: Ban

HWID History		IP History	
[Redacted]	20ef43	[Redacted]	196
[Redacted]	78f8329	[Redacted]	214
[Redacted]	:92f95	[Redacted]	2.27
[Redacted]	008da7	[Redacted]	34.43
[Redacted]		[Redacted]	3.113

Detection Records

HWID	Account	IP	Time	Detected
No Results				

Bans



Manage Players(Character Results)

The screenshot shows the SGuard Admin Interface. At the top, there are navigation buttons: Russian, Manage Players, Manage Server, Bans/Detections, and Online History. Below these is a search bar with the text 'ymca2' and a dropdown menu set to 'Char'. A 'Search For Player' button is to the right. The search results are displayed in a table with columns for HWID, Account, and IP. The results show a single entry with HWID ending in ':9f8', Account 'ymca2', and IP ending in '13'. A 'Ban' button is next to the IP. Below the table are 'Prev' and 'Next' buttons. At the bottom, there is an 'Actions' section with buttons for 'Kick All', 'Ban All (Permanent)', a 'Time (hours)' input field, and 'Ban All (Temporary)'. A blue arrow points from the text on the left to the 'Kick All' button.

HWID	Account	IP	
[REDACTED]:9f8	ymca2	[REDACTED]13	Ban

Actions

Kick All Ban All (Permanent) Time (hours) Ban All (Temporary)

Global actions for all results are always available, kick all, ban all for good or temporary ban for an amount of time.



Manage Players(IP Results)

SGuard Admin Interface

Russian Manage Players Manage Server Bans/Detections Online History

Details for IP: [redacted] L96

HWID History		Account History	
[redacted]	Jef43	test	
<input type="button" value="Ban"/>		<input type="button" value="Ban"/>	
		test2	
		<input type="button" value="Ban"/>	

Detection Records

HWID	Account	IP	Time	Detected
No Results				
Bans				
HWID	Account	IP	Time	Comment
No Results				

Auto detection and ban history for a certain IP and all associated information to it.



Manage Players(HWID Results)

HWID ban types

Ban Type

- Permanent
- Permanent
- Temporary

SGuard Admin Interface

Russian Manage Players Manage Server Bans/Detections Online History

Details for HWID: 4008da7

Ban HWID

Ban Type	Ban Time (hours)	Ban Reason	Ban
Permanent			Ban

Account History

Account	IP	Ban
	113	Ban
		Ban

IP History

Detection Records

HWID	Account	IP	Time	Detected
No Results				

Bans

HWID	Account	IP	Time	Comment
------	---------	----	------	---------



Manage Server

The screenshot displays the SGuard Admin Interface, a web-based control panel for server management. The interface is divided into several sections:

- Navigation:** Includes buttons for "Russian", "Manage Players", "Manage Server", "Bans/Detections", and "Online History".
- Configuration Options (Page 1/4):**
 - Banlist Account Append:** A dropdown menu set to "true" with a "Save" button.
 - Patch Version Enabled:** A dropdown menu set to "false" with a "Save" button.
 - HWID Binding:** A section with the instruction "Bind your account to current HWID so no other HWID can login to this account." and a "Bind HWID" button.
 - Protection Enabled:** A dropdown menu set to "true" with a "Save" button.
- Detection Actions:** A list of actions with their descriptions:
 - REALTIME_BAN - unlimited account lock
 - DISCONNECT - disconnect when entering the game
 - LOG - only logging
 - TEMPORARY_BAN - temporary blocking of your account: TEMPORARY_BAN(360) - the account will be blocked for 360 minutes
 - DELAYED_BAN - indefinite deferred ban: DELAYED_BAN(30-60) - the account will be locked after 30 - 60 minutes
- RADAR:** A section with a "DISCONNECT" dropdown menu.
- BOT:** A section with a "REALTIME_BAN" dropdown menu.
- PACKET_HACK:** A section with a "REALTIME_BAN" dropdown menu.

The interface also shows a "Save" button at the bottom of the configuration options section.

L2-Scripts Sguard's server management is a unique system that allows administration to configure the server on the fly. Forget about editing unknown or not translated configs in text files and waiting for restart. Each configuration is taking place once you clicked on the **SAVE** button.

You may turn this section off for security reasons as decribed [here](#).



Manage Server

Page 3/4

Fast Ban Time
Ban length for fast-ban function (in hours, -1 = permanent)

Current Value: -1

New Value:

Max Instances
Maximum game instances from one HWID.

Current Value: 2

New Value:

Module States
Enable/Disable specific guard client modules.

Name	Enabled
CopyPaste	<input type="text" value="true"/>
AntiClick	<input type="text" value="true"/>
InputFilter	<input type="text" value="true"/>

Online View Multiplier
Multiplier for online session count in player menu.

Current Value: 1

New Value:

Player Menu Enabled
Enable voice command .usermenu for players.

Page 3/4

Page 4/4

Player Menu Online View
Enable online session count display in player menu.

Page 4/4

In addition to the old configs, we've added new configs, that will help you with server moderation and ease the administration on the server. For example, for additional security you can bind your active admin account by HWID.



Recent Detections/Bans

SGuard Admin Interface

Сопрачорк:Вон

Russian Manage Players Manage Server Bans/Detections Online History

Latest Detections

Prev Detections Page 1 Next

HWID	Account	IP	Time	Detected
------	---------	----	------	----------

Latest Bans

Prev Bans Page 1 Next

HWID	Account	IP	Time	Comment
No Results				

History of recent detections and bans that were made on your server. You can monitor the activity of your players and make actions if needed.



Online History

SGuard Admin Interface

Russian Manage Players Manage Server Bans/Detections Online History

Online Activity for the last 30 days.

Date	Total Sessions
14-03-2017	2
13-03-2017	0
12-03-2017	0
11-03-2017	0
10-03-2017	0
09-03-2017	1
08-03-2017	4
07-03-2017	1
06-03-2017	2
05-03-2017	1
04-03-2017	1
03-03-2017	1
02-03-2017	0
01-03-2017	0
28-02-2017	0
27-02-2017	0
26-02-2017	1
25-02-2017	2
24-02-2017	2
23-02-2017	1

Not many can monitor their real unique online over time. For your use we provided a monthly based report on unique HWID history per 24 hours. This report will give you the most accurate information regarding the real amount of unique PCs played daily on your server.



User Menu(Optional)

Call it with command: `.usermenu`



This is optional feature provided by l2sguard team. In this menu player may view his ping to the server, total online(may be multiplied or disabled with configs) and his own ban history if exists.

You may turn this option off in the configuration page.



Installation

Name	Date modified	Type	Size
sguard	3/9/2017 10:38 AM	File folder	
SGuard_Loader	2/3/2017 9:25 PM	WinRAR archive	11 KB
sguard_loader	3/8/2017 6:47 PM	PROPERTIES File	1 KB
start	3/8/2017 6:49 PM	Windows Batch File	1 KB
start	2/4/2017 10:06 AM	SH File	1 KB
start_loop	3/8/2017 6:49 PM	SH File	1 KB

```
#!/bin/bash
java_opts=" -Xms4G"
java_opts="$java_opts -Dfile.encoding=UTF-8"
java_opts="$java_opts -Djava.system.class.loader=com.l2scripts.sguard.loader.GuardClassLoader"

while :;
do
  java $java_opts -server -jar SGuard_Loader.jar > log/stdout.log 2>&1
  [ $? -ne 2 ] && break
  sleep 30;
done
```

```
ServerBranch=HIGHFIVE_L2S
MainClass=l2s.gameserver.GameServer
ClassPath=config;./lib/*;./libs/*;../lib/*;../libs/*
```

As a part of our 1-2-3 quick setup policy, we provide the client with mostly 1 copy-paste archive.

Our launchers are already pre configured for your server type, all you have to do is double click on start and enjoy the quality of our services.



Manual Ban

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>  
<!-- SGuard banlist file --><banlist/>
```

If for some reason you need to manually ban or unban a certain PC, you may do it directly via bans.xml file located at sguard/bans.xml



Manual Configuration

Manually disable the 'server management' section.

```
#SGuard Configuration
#Mon Mar 13 13:51:03 EDT 2017
OnlyUpdaterRun=false
ConfigPageEnabled=true
BanlistAccountAppend=false
BanMaskString=HDD|MAC|CPU
PlayerMenuEnabled=false
PunishActionsString=BOT\=BAN; PACKET_HACK\=BAN; RADAR\=DISCONNECT
ModulesState=CopyPaste\=true; AntiClick\=true; InputFilter\=true
FastBanMessage=\u0412\u044B \u0437\u0430\u0431\u0430\u043d\u0438\u0442\u044C \u0441\u0435\u0440\u0432\u0435\u0440
PatchVersionEnabled=false
MaxInstances=10
HWIDBinding=
OnlineViewMultiplier=1
ProtectionEnabled=true
FastBanTime=-1
BanlistAccountBan=false
AllowVirtualization=false
PlayerMenuViewOnline=false
PatchVersionMin=0
```

For some advanced users who prefer the old way of server configuration is still possible.

You may access manually the configuration at `sguard/config.properties`



Starting Up

The screens below will indicate that sguard API module is working properly.

Log start

```
*** SGuard Loader Initializing... ***
Checking API version...
Jar version up to date at v1.4.3
Checking Core version...
Jar version up to date at v1.4.4
ClassLoading API and Core...
ClassLoading l2j Classpath...
Initializing SGuardAPI v1.4.3/HIGHFIVE_L2S...
Starting SGuard Core...
```

Log end

```
[02:18:36] INFO =====
[02:18:36] INFO SGuard License
[02:18:36] INFO ID: 3 [REDACTED]
[02:18:36] INFO TOKEN: [REDACTED] 43D
[02:18:36] INFO SGuard API v1.4.3/HIGHFIVE_L2S
[02:18:36] INFO SGuard Core v1.4.4
[02:18:36] INFO SGuard Client
[02:18:36] INFO Min: v1300
[02:18:36] INFO Max: v1305
[02:18:36] INFO =====
[14:18:36] INFO Registered on authserver as 1 [Bartz]
```



Important API Configuration

Get HWID Method Example:

```
import com.l2scripts.sguard.manager.session.ClientSessionManager;
import com.l2scripts.sguard.manager.session.model.HWID;
import com.l2scripts.sguard.manager.session.model.ClientSession;

public void setVoted(Player player)
{
    ClientSession session = ClientSessionManager.getSession(player.getNetConnection());
    String hwid = session.hwid.plain;
    HWID_LIST.add(hwid);
}
```

External URL Class Example:

```
package com.l2scripts.sguard.network.packets;

import l2s.gameserver.network.l2.s2c.L2GameServerPacket;

public class OpenURLPacket extends L2GameServerPacket implements IGuardPacket
{
    private final String url;

    public OpenURLPacket(String url)
    {
        this.url = url;
    }

    protected void writeImpl()
    {
        writeC(0xFF);
        writeC(0x03);
        writeS(this.url);
    }
}
```

Then in any method or class or bypass:
client.sendPacket(new OpenURLPacket("http://www.google.com"));



Docs And Requirements

System Requirements:

- Java 6.0 and higher.
- Any Java pack (PTS currently supports the simple server moderation).
- Any chrocniles are supported.
- We support DNS binds.
- Works on Windows or Unix based systems.
- We support proxies.
- We support custom packs.
- We provide source code if required.
- We provide new features for this new server side module for free & remotely.
- We support and appreciate new ideas.



Epilogue

[L2-Scripts](#) freelance team is always trying to give our customers the best products with the best quality available.

This New Sguard server side was successfully tested on many servers.

We currently host more than 200 servers (March 2017).

Updates are coming often with new functions and features.

Join us today!

Special Thanks to professional [Strain'd](#) for making the front end design.

