



Dr.WEB

CureNet! for iOS

Administrator Manual



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Dr.Web CureNet! for iOS
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Administrator Manual
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Doctor Web Head Office
2-12A, 3rd str. Yamskogo polya
Moscow, Russia
125040

Website: <https://www.drweb.com/>

Phone: +7 (495) 789-45-87

Refer to the official website for regional and international office information.

Doctor Web

Doctor Web develops and distributes Dr.Web information security solutions which provide efficient protection from malicious software and spam.

Doctor Web customers can be found among home users from all over the world and in government enterprises, small companies and nationwide corporations.

Dr.Web antivirus solutions are well known since 1992 for continuing excellence in malware detection and compliance with international information security standards.

State certificates and awards received by the Dr.Web solutions, as well as the globally widespread use of our products are the best evidence of exceptional trust to the company products.

We thank all our customers for their support and devotion to the Dr.Web products!



Table of Contents

1. Dr.Web CureNet! for iOS	5
2. Licensing	7
3. Installation	8
4. Preparing Stations	9
5. Starting Scanning	12
6. Updating	13
7. Scan options	14
8. Scan Logs	16
9. Viewing License Information	17
10. Troubleshooting	18
11. Technical Support	22
12. Appendix. Licenses	23
12.1. ARC Helper	24
12.2. Boost	25
12.3. CocoaAsyncSocket	25
12.4. CocoaLumberjack	26
12.5. GOST implementation	26
12.6. Libcurl	27
12.7. MD5 implementation	28
12.8. minizip	28
12.9. MIT License	29
12.10. Objective-Zip	30
12.11. SH2 implementation	31
12.12. SWRevealViewController	32
12.13. zlib	33



1. Dr.Web CureNet! for iOS

Key features

Dr.Web CureNet! for iOS provides anti-virus scan for remote computers (hereinafter stations) and servers running Windows operating systems and locally networked to your device. The product does not require installation. It runs scanning and cures detected malicious objects even if anti-virus software from other developers is installed on the stations. You can run scanning even on the networks that are isolated from the Internet.

Dr.Web CureNet! for iOS provides you with the following functions:

- Centralized anti-virus scanning of local network stations running Windows
- Centralized management of reaction on detection of malicious programs
- Infected objects recovery
- Anti-virus checks for mail files, archives, and file containers
- Regular updates to virus databases and Dr.Web components
- Statistics gathering and reporting to your computer
- Dr.Web report in CSV

Dr.Web CureNet! for iOS does not provide real-time protection of a local network or stations, because they can be infected by malicious programs in between scanning. To provide permanent protection, use other Dr.Web anti-virus software.

System requirements for the device

- **Operating system:** requires iOS 8.0 or later
- **Device type:** iPhone 4, iPod touch 6, or later

System requirements for the stations

The station should be connected to the same network as the device with installed Dr.Web CureNet! for iOS.

- **Processor:** i686 compatible
- **Free RAM:** minimum 360 MB
- **Hard disk space:** not less than virus databases and Dr.Web CureNet! for iOS software modules size (minimum 200 MB)
- **Operating system:**
 - For 32-bit platforms:
 - Windows XP with Service Pack 2 or higher
 - Windows Vista with Service Pack 2 or higher



- Windows 7
- Windows 8
- Windows 8.1
- Windows 10
- Windows Server 2003 with Service Pack 1
- Windows Server 2008 with Service Pack 2 or higher

For 64-bit platforms:

- Windows Vista with Service Pack 2 or higher
- Windows 7
- Windows 8
- Windows 8.1
- Windows 10
- Windows Server 2008 with Service Pack 2 or higher
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2



2. Licensing

Obtaining license

To use Dr.Web CureNet! for iOS, you need a license that allows full use of all application features. You can obtain a license on the [Doctor Web website](#) and also in the application itself. The license has two restrictions: validity period and the number of stations allowed for simultaneous anti-virus check. The number of devices on which you can use Dr.Web CureNet! for iOS is unlimited.

Activating license

Once Dr.Web CureNet! for iOS is downloaded, the installation performs automatically. After running the application, the program displays its welcome screens. Enter the serial number for activation of the license on one of the welcome screens. If you encounter any problems on this step, refer to the [Troubleshooting](#) section for description of possible errors and steps to solve them.

Renewing license

After your license expires, Dr.Web CureNet! for iOS shows the appropriate notification on the screen prompting you to enter a new serial number. You can get the serial number after you purchase a new license or renew the expired one on your [personal portal](#).



3. Installation

Once Dr.Web CureNet! for iOS is downloaded to your device, it is installed automatically and the CureNet! icon appears on the screen. After running the application, the program displays its welcome screens. One of the screens prompts you to activate the serial number. After activation is completed, download virus databases and scanning modules of the product from Doctor Web servers. On the screen you will see a corresponding hint and size of the files. When all necessary files are downloaded, you can start scanning stations.



To avoid errors, do not close or minimize the application when it downloads updates at the first launch of the program.

If you encounter any problems on this step, refer to the [Troubleshooting](#) section for description of possible errors and steps to solve them.



4. Preparing Stations

To scan stations using Dr.Web, review the following requirements:

- Station must be accessible through the network.
- The user account which is used to connect to stations must exist and have all necessary administrative privileges.
- If a remote computer is protected by a firewall, the following settings should be performed. If you use Windows firewall, in its settings, click **Additional Settings**, select **Inbound Rules**, and turn on the following exceptions for the firewall **Private** profile: **Netlogon Service (NP-In)** and **File and Printer Sharing (SMB-In)**. However, if the station is in the domain, the exceptions should be turned on for the **Domain** profile. If you use other firewalls, it is necessary to open port 445.
- [Additional configuration](#) is required.

Before starting anti-virus scans, ensure you have user names and passwords of administrative accounts on all stations you want to scan.



Preparation of a remote operating system to use Dr.Web CureNet! for iOS must be performed under an administrative account.

You can also scan stations using VPN. To do this, provide the access of the local network to the VPN server and use the standard settings of Dr.Web CureNet!.

Advanced Settings

To scan stations using Dr.Web, review the following requirements:

- The User Account Control (UAC) restrictions must be disabled if the station is running Windows Vista or later operating system. You do not need to perform this configuration, if you work under the built-in Administrator account. If so, skip this step.
 1. Open a registry editor.
 2. Locate and select the following registry subkey:
HKEY_LOCAL_MACHINE\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\POLICIES\SYSTEM
 3. If the **LocalAccountTokenFilterPolicy** registry entry does not exist, create the entry:
 1. On the **Edit** menu, select **New**, then select **DWORD Value**.
 2. In the entry name field, type **LocalAccountTokenFilterPolicy**.
 4. Right-click **LocalAccountTokenFilterPolicy** and select **Modify**.
 5. In the **Value data** box, type **1**.



6. Click **OK** and exit the registry editor.
7. Restart the station.
8. Repeat the steps for all stations you want to scan.



The operation is recommended for experienced users only. Serious problems might occur if the registry is modified incorrectly. Microsoft recommends to backup the registry before you modify it.

- All necessary network services must be installed and configured properly.

To check network settings

1. Open Control Panel on the station.
 - When configuring operating systems older than Windows Vista, select **Network and Internet** (if this item is absent, click **Switch to Classic View**).
 - When configuring Windows Vista, select the view mode by category. In the **Network and Internet** section, click **View network status and tasks** > **Manage Network Connections**.
 - When configuring Windows 7 or Windows Server 2008, select the view mode by category. In the **Network and Internet** section, select **View network status and tasks** > **Change adapter settings**.
 - When configuring Windows 8, Windows 10, or Windows Server 2012, in the **Network and Internet** section, select **Network and Sharing Center** > **Change adapter settings**.
 2. Right-click the connection to the network then select **Properties**.
 3. Ensure that the following services are installed and configured:
 - Client for Microsoft Networks
 - File and Printer Sharing for Microsoft Networks
 - Internet Protocol version 4 (TCP/IPv4) or version 6 (TCP/IPv6)
 4. Save the changes and close the window.
- Sharing settings must enable advanced configuration.

To enable advanced sharing:

1. Open Control Panel on the station.
 - When configuring Windows XP and Windows Server 2003, select **Windows Firewall** (if this item is absent, click **Switch to Classic View**).
 - When configuring Windows Vista, select the view mode by category. In the **Network and Internet** section, click **Set up file sharing**.



- When configuring Windows 7 or Microsoft Windows Server 2008, select the view mode by category. In the **Network and Internet** section, select **Network and Sharing Center** and then select **Change advanced sharing settings**.
 - When configuring Windows 8, Windows 10, or Microsoft Windows Server 2012, in the **Network and sharing center** section, select **Network and Sharing Center** and then select **Change advanced sharing settings**.
2. In the open window, select one of the following:
 - When configuring Windows XP, Microsoft Windows Server 2003 or Windows Vista, open the **Exceptions** tab and enable **File and Printer Sharing**.
 - When configuring Windows Vista, select **Network discovery** and **File and printer sharing**.
 - When configuring Microsoft Windows Server 2008, Windows 7, Windows 8, or Microsoft Windows Server 2012, select **Turn on network discovery** and **Turn on file and printer sharing**.
 3. Save the changes and close the window.
- Classic sharing and security model for local accounts must be configured.

To enable classic user authentication method

1. Open Control Panel on the station.
 - When configuring operating systems older than Windows Vista, select **Administrative tools** (if this item is absent, click **Switch to Classic View**) and run the **Local Security Policy** tool.
 - When configuring Windows Vista or later operating systems, select the view mode by category. In the **System and Security** section, select **Administrative tools** and run the **Local Security Policy** tool.



To open the **Local Security Policy** tool, you can type **secpol.msc** in Windows Search and press ENTER.

2. Under the **Local Policies** node in the policy tree, select **Security Options**.
3. Right-click the **Sharing and security model for local accounts** policy, select **Properties**, and then set the **Classic—local users authenticate as themselves** mode.



By default, connection to a station can be established only if the used account has a non-blank password. You can disable blank password restriction by changing the corresponding policy. To do that, right-click the **Accounts: Limit local account use of blank passwords to console logon only** policy, select **Properties** and then set the **Disabled** mode.

4. Close the console.



5. Starting Scanning

Before you start scanning

- Ensure that the stations are [prepared](#) for scanning.
- Disable the automatic update of the operation system on the stations. It helps avoid interruption of Dr.Web CureNet! for iOS operation.

Starting Scanning

1. Start the application.
2. Select **Stations** and click the search icon. Dr.Web CureNet! for iOS will start searching for the stations that are locally networked to your device.
3. Select the stations to scan. If the needed station is not found during the search, add it manually by clicking **Range**. You can specify IP addresses, range of IP addresses, net mask or station names.
4. Provide usernames and passwords of administrative accounts for accessing stations to be checked.
5. Select the scan mode. The scan starts automatically. If you want, you can also [change](#) default scan options. The default reactions on detection of each malicious program type are optimal for most cases. Do not change them unnecessarily.



The application must stay active in order for Dr.Web CureNet! for iOS to work. If you try to switch it to the background, you will see the corresponding warning.



6. Updating

It is strongly recommended to install all updates released by Doctor Web. With the updates of the virus databases, Dr.Web CureNet! for iOS can detect new viruses, block their spreading and sometimes cure infected files which were incurable before. From time to time, updates also include enhancements to anti-virus algorithms in executable files and software libraries. Dr.Web anti-virus operation experience helps to fix bugs in software, update the support service and documentation.

When Dr.Web virus databases become outdated, an appropriate warning is displayed. To download and install the update, tap **Update**. If you choose **Later**, the updating process can be launched at any time convenient to you. To do that, open the context menu on the application main screen (by tapping the appropriate button in the upper-left corner of the screen or by flicking right) and tap **Update**.



7. Scan options

You can change default options for any scan session. The options are set manually directly before running the scan, after choosing the stations and providing usernames and passwords of the administrators.

When the scan is finished, the changes are saved only for the session; you can return to this session from the application main screen. When you run a new scan and select new stations, Dr.Web CureNet! for iOS uses the default options, which you can also change if you want.

Scan mode

Dr.Web CureNet! for iOS can perform anti-virus scanning of the selected stations in one of three possible modes: **Express scan**, **Full scan**, and **Custom scan**.

In **Express scan** mode, only the Windows objects of critical importance are scanned:

- Boot sectors of all disks
- RAM
- Boot disk root folder
- Windows system folder
- User documents folder (My documents)
- Temporary files
- System restore points
- Check for rootkits

In the **Full scan** mode, random access memory and all hard disks (including boot sectors) are scanned and the system is checked for rootkits.

In the **Custom scan** mode, only the selected objects are scanned.



Full scan may take considerable time. Before starting this scan, make sure that all the stations will be accessible from the network until the scan is finished.

Scan options

Dr.Web CureNet! for iOS also allows to change the following scan options:

- Enable or disable notifications on the stations under check. By default, Dr.Web CureNet! for iOS notifies the user about the anti-virus scanning start on the station.
- Enable or disable scanning of archives and email. Enabling this option slows down the scan process and burdens the system resources of the remote stations.



- Enable blocking the connections to the Internet and the local network. With this option, you can block the virus epidemics and avoid the reinfection of the station.
- Set the Dr.Web CureNet! for iOS reaction on detection of malicious programs. The default actions on detection of each type of malicious programs are optimal for most cases. Do not change them unnecessarily.
- Configure using of the scanned station's resources. This setting enables optimized using the station's resources.
- Select an action applied to the station after the scan is finished.



8. Scan Logs

In the **Logs** section you can see all anti-virus scans that were started since Dr.Web CureNet! for iOS had been installed on the device, including scans that failed with an error. You can look through statistics of each scan, restart a scan, export scan data to a CSV file or delete a record about a scan.

Viewing scan statistics

Tap a required scan to see its statistics. Slide left and right to switch between statistics pages.

Restarting a scan

Select a required scan. On the main page, tap the restart button and select the scan type.

You can also specify scan parameters that differ from the original. For this, tap the  icon and specify required parameters.

Exporting a scan

You can export scan data to a CSV file. By default, there are three types of export:

- As an email attachment
- As a note with an attachment in the Notes app (for iOS 9 and higher)
- Saving the file to your computer using iTunes

To export scan data, swipe left on the required scan, tap **Share**, and select export type.

Deleting scan data

To delete scan data from the **Logs** section, slide left on the required scan and tap **Delete**.



9. Viewing License Information

The license parameters determine the number of stations allowed for simultaneous anti-virus check and the period during which the use of Dr.Web CureNet! for iOS is allowed.

To view the license parameters, go to the application main screen and open the context menu (by tapping the appropriate button in the upper-left corner of the screen or by flicking right). The information about the license in use will be displayed in the upper part of the screen.



10. Troubleshooting

The user of the station under check cannot connect to the Internet or open a network resource

Reason

If a corresponding option is enabled, Dr.Web CureNet! for iOS blocks all the connections to local or external networks during the scan process. It helps to avoid a reinfection or spreading of the malicious programs to other stations during the scan process.

Solution

Wait until the scan is finished, and then the connection to the Internet and to local networks will be allowed again on the station. This option is disabled by default, and Dr.Web CureNet! for iOS does not block connections on the stations under check if the administrator does not set this mode manually before starting the scan.

Serial number is valid for another Dr.Web product

Reason

The serial number you provided is correct but it is intended for another anti-virus product of Doctor Web.

Solution

If you cannot find the serial number for Dr.Web CureNet! for iOS activation, contact our [technical support](#). Be ready to provide your personal data specified when registering at the site and purchasing the license.

Number of activations exceeded the license limit. Please contact technical support

Reason

Activation with the same serial number is allowed for maximum 25 times.

Solution

Contact our [technical support](#) (in your request, describe the situation in details and provide your personal data specified when registering at the site).



Invalid serial number

Reason

You have made a mistake when entering the number or entered the number that is not intended for Doctor Web company product.

Solution

Check the correctness of the data you entered.

Your license has expired. Renew the license to continue using the application

Solution

The license period can be extended at your personal account on the official Doctor Web website. You can [view](#) the license information including its duration period in the context menu that you can open from the application main screen.

Number of stations exceeded the license limit

Reason

Dr.Web CureNet! for iOS license has two restrictions: the duration period and the number of stations allowed for simultaneous anti-virus check.

Solution

You can scan some of your stations and then start another check for the stations where the Dr.Web CureNet! for iOS scanning services have not been deployed.

Station cannot be scanned due to license restrictions

Reason

Dr.Web CureNet! for iOS license has two restrictions: the duration period and the number of stations allowed for simultaneous anti-virus check.

Solution

You can scan some of your stations and then start another check for the stations where the Dr.Web CureNet! for iOS scanning services have not been deployed.

**Wi-Fi network is changed or connection is lost. Please connect to the same network and try again**Reason

Network connection may have been lost or some of the network parameters (network name or password) may have changed.

Solution

Reconnect to the same network.

Cannot write to file. Connection lost or not enough disk spaceReason

- A. The station is inaccessible from the network: it may be turned off or the local connection to the station may have been broken.
- B. You have low disk space on the station.

Solution

- A. Make sure that the connection to the local network is active on the station.
- B. Make sure that the station under check has enough disk space for deploying Dr.Web CureNet! for iOS services. You can review all the system requirements in the [Dr.Web CureNet! for iOS](#) section.

Cannot connect to station. Invalid credentials or station is not accessible over the networkSolution

Check the correction of the data you specified. Make sure that the account that you use for connection has enough privileges to access. If the data is correct, check the station accessibility from the network.

Cannot access Service Manager on stationReason

- A. The account, that you specified to access the station, does not have enough privileges to run Dr.Web CureNet! for iOS service.
- B. Station settings restrict access to the service manager.

Solution

- A. Check the correction of the data you specified. Make sure that the account that you use for connection has enough privileges to access.



- B. Make sure that stations under check are configured properly. For further information about stations configuration, see the [Preparing Stations](#) section.

No stations found. Change the IP range or cancel the scan

Reason

The range that you specified contains no IP addresses of stations or no station in the range answers to PING requests.

Solution

Change the range of IP addresses or check the stations accessibility from the network.

Connection lost

Reason

The connection to the local network may have been lost on the station.

Solution

Check the station accessibility from the network.



11. Technical Support

If you encounter any issues installing or using company products, before requesting for the assistance of the technical support, take advantage of the following options:

- Download and review the latest manuals and guides at <https://download.drweb.com/doc/>.
- Read the frequently asked questions at https://support.drweb.com/show_faq/.
- Browse the Dr.Web official forum at <https://forum.drweb.com/>.

If you have not found solution for the problem, you can request direct assistance from Doctor Web company technical support by one of the following ways:

- Fill in the web form in the corresponding section at <https://support.drweb.com/>.
- Call by phone in Moscow: +7 (495) 789-45-86.

Refer to the official website at <https://company.drweb.com/contacts/offices/> for regional and international office information of Doctor Web company.



12. Appendix. Licenses

This section contains the list of third-party software libraries which are used by Dr.Web CureNet! for iOS, information on their licensing.

Third-party library	License	Project URL
ARC Helper	http://www.zlib.net/zlib_license.html *	http://www.zlib.net
Boost	http://www.boost.org/users/license.html *	http://www.boost.org/
CocoaAsyncSocket	https://github.com/robbiehanson/CocoaAsyncSocket/wiki/License *	—
CocoaLumberjack	https://raw.githubusercontent.com/CocoaLumberjack/CocoaLumberjack/master/LICENSE.txt *	—
GOST implementation	© SSH Communications Security, Finland*	http://www.ssh.com/
JVAlertController	MIT License*	—
Libcurl	http://curl.haxx.se/docs/copyright.html *	http://curl.haxx.se/libcurl/
MD5 implementation	© Aladdin Enterprises*	—
minizip	© Info-ZIP*	http://www.winimage.com/zLibDll/minizip.html *
Objective-Zip	https://github.com/gianlucabertani/Objective-Zip/blob/master/LICENSE.md *	—
SH2 implementation	© Aaron D. Gifford*	—
SWRevealViewController	https://raw.githubusercontent.com/JohnLluch/SWRevealViewController/master/LICENSE.txt *	—
UIScrollViewSlidingPages	MIT License*	—
zlib	http://www.zlib.net/zlib_license.html *	http://www.zlib.net/



* - тексты лицензий приведены далее.

12.1. ARC Helper

```
/* zlib.h -- interface of the 'zlib' general purpose compression
library
version 1.2.8, April 28th, 2013
```

```
Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler
```

```
This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any dam-
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2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

```
Jean-loup Gailly  
jloup@gzip.org
```

```
Mark Adler  
madler@alumni.caltech.edu
```



12.2. Boost

Boost Software License - Version 1.0 - August 17th, 2003

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12.3. CocoaAsyncSocket

Public Domain License

The CocoaAsyncSocket project is in the public domain.

The original TCP version (AsyncSocket) was created by Dustin Voss in January 2003.

Updated and maintained by Deusty LLC and the Apple development community.



12.4. CocoaLumberjack

Software License Agreement (BSD License)

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12.5. GOST implementation

gosthash.h
21 Apr 1998 Markku-Juhani Saarinen <mjos@ssh.fi>

GOST R 34.11-94, Russian Standard Hash Function header with function prototypes.

Copyright (c) 1998 SSH Communications Security, Finland
All rights reserved.



12.6. Libcurl

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996-2016, Daniel Stenberg, daniel@haxx.se.

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12.7. MD5 implementation

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L. Peter Deutsch
ghost@aladdin.com

12.8. minizip

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.

Code woven in by Terry Thorsen 1/2003.

Copyright (c) 1990-2000 Info-ZIP. All rights reserved.

See the accompanying file LICENSE, version 2000-Apr-09 or later (the contents of which are also included in zip.h) for terms of use. If, for some reason, all these files are missing, the Info-ZIP license also may be found at: <ftp://ftp.info-zip.org/pub/infozip/license.html> [^]

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the non-echoing password parts) were originally written in Europe. The whole source package can be freely distributed, including from the USA.

(Prior to January 2000, re-export from the US was a violation of US law.)



12.9. MIT License

Copyright (c) <year> <copyright holders>

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12.10. Objective-Zip

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12.11. SH2 implementation

```
FILE: sha2.c
AUTHOR: Aaron D. Gifford - http://www.aarongifford.com/ [^]

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```



12.12. SWRevealViewController

```
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```

```
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```

```
Early code inspired on a similar class by Philip Kluz  
(Philip.Kluz@zuui.org)
```



12.13. zlib

```
/* zlib.h -- interface of the 'zlib' general purpose compression
library
version 1.2.8, April 28th, 2013
```

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Jean-loup Gailly
jloup@gzip.org

Mark Adler
madler@alumni.caltech.edu

