



PLESK7
RELOADED

NEW FEATURES HOW-TO RESOURCES

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Dr.Web Antivirus

Light version of the award-winning Dr Web antivirus filtering program is included in the default installation of Plesk. The license supports up to 15 mail accounts free of charge and can be upgraded to a version that will handle an unlimited number of mail accounts on a system. To obtain a license key for a larger number of mailboxes, please, contact sales@sw-soft.com

How To Install Dr.Web Packages

If you do not have the Dr.Web packages installed on your server, follow these steps:

1. Install the RPM packages drweb and drweb-qmail from the Plesk distribution. The packages are located in /opt/drweb directory.
2. Change your working directory to the location where the Plesk distribution resides.
3. Run the following commands:

```
#rpm -i ./opt/drweb-4.31.4-plesk.glibc.2.2.i586.rpm
```

```
#rpm -i ./opt/drweb/drweb-qmail-4.31-rh9.build040617.14.i586.rpm
```


Once the required packages are installed, the Dr.Web service will start automatically.

How To Enable Antivirus Protection For Mailboxes

For a user's mailbox you can enable the antivirus scanner to work in one of the following modes: checking incoming and outgoing mail, checking outgoing mail only, and checking only incoming mail.

When antivirus scanning is enabled, all e-mail messages containing viruses are intercepted and placed to the directory /var/drweb/infected. You should clean this directory from time to time.

To enable antivirus scanning for a specific mailbox, follow these steps:

- 1) Access the mail name management functions, and click  **Dr.Web**. The antivirus preferences page will appear:

Dr.Web Antivirus Preferences

Checking mail for viruses

Disabled

Incoming and outgoing mail

Outgoing mail only

Incoming mail only

* Required fields

- 2) Select a required scanning mode and click **OK**.

How To Update Antivirus Database


To update the antivirus database on demand, run the command `# /opt/drweb/update/update.pl`

It is recommended that you add this command to the Crontab in order to have the antivirus database automatically updated.

Plesk Updater

Using the Plesk Updater feature you can easily install the necessary updates, patches, hot fixes, control panel add-ons, and even upgrade your control panel to the latest available release in a few clicks.

How To Update Your Plesk Software



- 1) At the Server Administration page click  **Updater**. The control panel connects to the Plesk Update server, retrieves information on the available releases, then analyses the components installed in the system, and displays the lists of available releases and component updates. For each release a brief description of available operations is displayed.
- 2) Select the release version that you want to update, or upgrade to. A list of available components appears.
- 3) Select the checkboxes corresponding to the components you wish to install and click **Install**. A confirmation page appears.
- 4) Specify the e-mail address. You will be sent a notice by e-mail once update is completed. To confirm installation of the selected components, select the checkbox and click **OK**. The components/updates you selected will be downloaded and automatically installed in the background mode.

Notes on updating procedures

- When upgrading to a new control panel version, you will be notified by e-mail of upgrade procedure start and end. The notification message will include the event log and a list of installed packages, if upgrade is successful. However, you may not receive any error notice if your mail server fails. In this case you can check for errors in the autoinstaller.log file located in the /tmp directory on the server hard drive.
- All control panel operations are suspended during installation of the so-called “base” packages that affect the control panel’s core functionality.
- After upgrading your control panel to a new version you will need to install a new license key. To obtain an appropriate license key, use the License Manager function in the control panel. If you experience any problems, please contact sales@sw-soft.com

How To Configure Updater For Working With Local Network Storage

By default all updates are downloaded from the Plesk Update server. If you prefer updating from local network storage, you should change the default settings. To do this:




1. At the Server Administration page click  **Updater**.
2. Click  **Preferences**.
3. Select the **Local network storage** option and specify the URL to the directory where updates reside.
4. Click **OK** to apply settings.

License Manager


Using Plesk License Manager you can easily order add-ons or upgrades for your control panel, and upload license key files to your control panel.

How To Upgrade The Default License Key




The trial version of Plesk downloaded from the SWsoft website goes with the default key. This key has limited functionality. To upgrade the default key to the license key with basic Plesk functionality, do the following:

1. Select the  **Server** shortcut in the navigation pane.
2. On the Server Administration page, click the  **License Management** icon. The License Management page appears.
3. Click the  **Order Control Panel Upgrades** icon.

This will take you to the SWsoft online store that will open in a separate browser window. When there, please select the desired features for your license, provide the purchase details and billing address, specify the payment method, and place your order. Once you placed it, your order will be sent to the online store operator. The new license key will be sent to your e-mail when your order is processed.


4. After you received the new key, save the license key file to your local machine.
5. When the file is saved, get back to the License Management page in your Plesk control panel and select the  **Upload Key** icon. This will take you to the License Installation page.
6. On this page, specify the path to the license key file location: type the path into the input field provided, or click **Browse** to browse for the desired location.
7. Click **OK** to submit the settings. Plesk will upload the given license key file to your control panel.

How To Order Control Panel Upgrades




1. Select the  **Server** shortcut in the navigation pane.
2. Click the  **License Management** icon on the Server Administration page.
3. Click the  **Order Control Panel Upgrades** icon.

This will take you to the SWsoft online store that will open in a separate browser window. When there, please select the desired features for your license, provide the purchase details and billing address, specify the payment method, and place your order. Once you placed it, your order will be sent to the online store operator. You will be notified on your e-mail when your order is processed.

4. After you received the e-mail notification, get back to the License Management page in your

Plesk control panel and select the  **Retrieve Keys** icon to retrieve the ordered license key. Plesk will retrieve the purchased license key from the license keys management system and automatically upload it to your control panel.

How To Order Control Panel Add-ons

1. Select the  **Server** shortcut in the navigation pane.
2. On the Server Administration page, click the  **License Management** icon.
3. On the License Management page, click the  **Order Control Panel Add-Ons** icon.




This will take you to the SWsoft online store that will open in a separate browser window. When there, please select the desired features for your license, provide the purchase details and billing address, specify the payment method, and place your order. Once you placed it, your order will be sent to the online store operator. You will be notified by e-mail when your order is processed.

4. After you received the e-mail notification, get back to the License Management page in your



Plesk control panel and select the  **Retrieve Keys** icon to retrieve the ordered license

key. Plesk will retrieve the purchased license key from SWsoft server and automatically upload it to your control panel.

How To Manually Upload License Key To Your Control Panel

1. Select the  **Server** shortcut in the navigation pane.
2. Click the  **License Management** icon on the Server Administration page. The License Management page will appear. If you wish to upload a key for an additional Plesk feature, select the **Additional License Keys** tab.
3. Click the  **Upload Key** icon. This will take you to the License Installation page.
4. On this page, specify the path to the license key file location: enter the path into the input field provided, or click **Browse** to browse for the desired location.
5. Click **OK** to submit. Plesk will upload the given license key file to your control panel.

How To Roll Back License Key



1. Select the  **Server** shortcut in the navigation pane.
2. Click the  **License Management** icon on the Server Administration page. The License Management page will appear.
3. Click the  **Roll Back Key** icon. A page will open displaying the properties of the previously used license key the control panel will revert to.
4. Click **OK**.

Migration Manager

Migration Manager allows users to quickly migrate accounts from cPanel, Ensim, Cobalt, old Plesk versions, In-house systems, or any other system to their new Plesk 7 Reloaded server.

You can choose to either perform a migration of all user accounts and domains, or select individual accounts/domains for migration. Note that this document describes only the entire host migration. Please see the **Plesk 7 Reloaded Administrator's Manual** for details on the selective migration.

How To Migrate All User Accounts And Domains From Other Control Panels

1. Select the  **Server** shortcut in the navigation pane.
2. Click the  **Migration Manager** icon. The Migration Agent Upload page will open. The Migration Manager will guide you through the migration process.
3. **Uploading Migration Agent To Remote Host.**

First, you need to upload the migration agent to the remote host you wish to migrate to Plesk. On this page, please, specify the remote control panel parameters:

- select the platform from which you would like to migrate to Plesk from the Source Platform drop-down box.
- specify the source host. You can use either the IP address or the domain name of the server you wish to migrate.
- enter the login. You need to log in as "root".
- enter the password, used for logging in to the remote host you are migrating.
- click **Next>>**.

The agent will upload to the specified remote host and acquire its status. You will proceed to the progress page where you can view the migration progress and stop it if needed.

4. **Viewing Information on Source Host.**

When the migration agent uploads to the remote host, it sends information on this host to your Plesk control panel. This information is displayed on the Information on source host page. On this page, clear the Select objects for migration checkbox, to migrate all objects from the remote host to Plesk. Click Migrate.

Once the source host content is downloaded, you will be taken to the IP Mapping page.

5. **IP Mapping.**

The IP Mapping page displays all IP addresses of the host you are migrating to Plesk and all IP addresses of Plesk you are migrating this host to.

On this page, select the Plesk IP address you want to map the remote host IP addresses to. Click **Next>>**.

Note: You can map all IP addresses of the remote host only to one Plesk IP address.

6. **Deployment settings.**

Select the **Delete the temporary archive files once migration is completed** option, and click **Next>>**.

7. **Viewing migration results.**

When the remote host objects are migrated, you will proceed to the Migration Result page where you can view the migration result. This can be either the message on the successful migration or error messages, if any errors occurred during the migration process, and the list of objects that could not be migrated due to the errors occurred. Click **Finish** to complete.

Event Manager

The Event Manager is designed to help you organize data interchange between Plesk and external systems. It works the following way: you create a script to be executed upon a certain control panel event, and then create an event handler that triggers the event processing. You can assign several handlers to a single event.



How To Add Event Handler

1) For instance, let's create an event handler for the 'client account creation' event. The handler will accept a client name as the first parameter, and the client's login as the second. For simplicity we will use a shell-script called test-handler.sh that looks as follows:

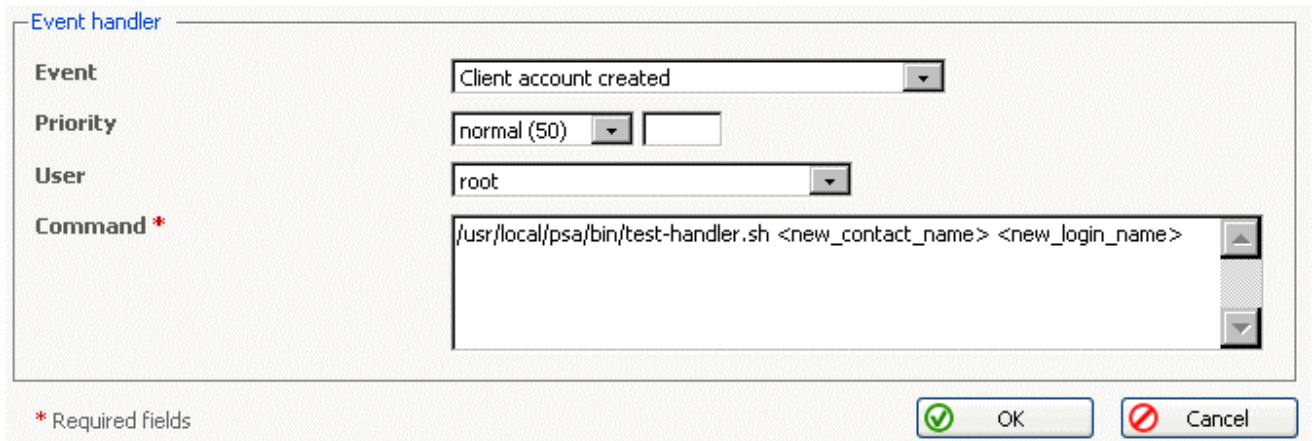
```
-----  
#!/bin/bash  
echo "-----" >> /tmp/event_handler.log  
/bin/date      >> /tmp/event_handler.log # information on the event date and time  
/usr/bin/id    >> /tmp/event_handler.log # information on the user, on behalf of which the script  
was executed (to ensure control)  
echo "client created" >> /tmp/event_handler.log # information on the created client account  
echo "name: $1"     >> /tmp/event_handler.log # client's name  
echo "login: $2"    >> /tmp/event_handler.log # client's login  
echo "-----" >> /tmp/event_handler.log  
-----
```

This script prints some information to a file so that we could control its execution (we cannot output information to stdout/stderr, as the script is executed in the background mode).

2) Suppose, that our script is located in the directory /usr/local/psa/bin (for instance). Let's register it by creating an event handler via the control panel:

1. Select the  **Server** shortcut in the navigation pane.
2. Click the  **Event Manager** icon on the Server Administration page. The Event Manager page will appear.

3. Click the  **Add New Event Handler** icon. The event handler setup page appears:



The screenshot shows a form titled "Event handler" with the following fields:

- Event:** A dropdown menu with "Client account created" selected.
- Priority:** A dropdown menu with "normal (50)" selected and an adjacent empty input field.
- User:** A dropdown menu with "root" selected.
- Command *:** A text area containing the command: `/usr/local/psa/bin/test-handler.sh <new_contact_name> <new_login_name>`

At the bottom left, there is a note: "* Required fields". At the bottom right, there are two buttons: "OK" (with a green checkmark icon) and "Cancel" (with a red X icon).

4. Select the event, you wish to assign a handler to in the **Event** drop-down box.
5. Select the priority for handler execution, or specify a custom value. To do this, select **custom** in the **Priority** drop-down list and type in the value. Note, when assigning several handlers to a single event you can specify the handler execution sequence, setting different priorities (higher value corresponds to a higher priority).
6. Select the system user, on behalf of which the handler will be executed.
7. In the **Command** input field, specify a command to be executed upon the selected event. In our example it is `/usr/local/psa/bin/test-handler.sh <new_contact_name> <new_login_name>`
8. Click **OK**.

Note: In the command we have specified the parameters in the angle brackets `<new_contact_name>` and `<new_login_name>`. Before executing the handler, they will be replaced with name and login of the created client respectively. You can find the entire list of available parameters in the **Plesk 7 Reloaded Administrator's Guide**. You should keep in mind that with the removal operations, the parameters of type `new_xxx`, contain an empty string. And with creation operations the parameters of type `old_xxx` contain an empty string.

Now if you login to your Plesk control panel and create a new client, specifying the value 'Some Client' in the 'Contact name' field, and 'some_client' in the field 'Login', the handler will be invoked, and the following records will be added to the `/tmp/event_handler.log`:

```
-----  
Sat Jun 26 21:46:34 NOVT 2004  
uid=0(root) gid=0(root) groups=0(root)  
client created  
name: Some client  
login: some_client  
-----
```

If you want to specify one or few handlers more, repeat the actions above for another handler.







How To Remove An Event Handler

In order to remove one or several event handlers, select the corresponding checkboxes and click **Remove selected**.

FTP Sessions Management

In addition to the control panel user sessions management you can now manage ftp users sessions.

How To Monitor FTP Sessions

1. Select the  **Sessions** shortcut in the navigation pane.
2. On the Sessions Management page, select the FTP Sessions tab. The page will open displaying the properties of the current FTP sessions:
 - **Type:** the type of user who established the session -  for users not registered in the control panel,  for anonymous FTP users,  for Domain owner's sessions,  for subdomain user's sessions, and  for web user's sessions.
 - **FTP user login:** the user's FTP login,
 - **Domain name:** the domain the FTP user is currently connected to,
 - **Current location:** the directory the FTP user is currently at,
 - **File name:** the file name being operated on,
 - **Status:** the current status of FTP connection,
 - **Speed:** speed in Kilobytes,
 - **Completed (%):** the file transfer operation progress in percentage,
 - **IP address:** the IP address the FTP account is accessed from,
 - **Logon time:** user logon time,
 - **Idle time:** session idle time.

How To End FTP Session



1. On the Sessions Management page, select the ftp session(s) you wish to end.
2. Click **Remove Selected**. You will be taken to the Removal Confirmation page:
3. On this page, confirm that you wish to end the session(s) by selecting the **Confirm removal** checkbox.
4. Click **OK**. The selected sessions will be terminated.

Custom Buttons Management


You can add any number of custom buttons to the control panel, and choose to either make them visible to all of your customers, or only to yourself. The buttons you create from Administrator's repository of custom buttons can be placed in any of the following locations:

- Navigation pane;
- Domain Administration pages of all domains;
- Each Client's (Reseller's) Home page.

How To Add New Custom Button

1. Select the  **Server** shortcut in the navigation pane. The Server Administration page will open.
2. On the Server Administration page, click the  **Custom Buttons** icon. The Custom Buttons management page will open.

Note: If you wish to create individual buttons that will be placed only on a specific Client's Home page, you should access the required Client Home page and click the **Custom Buttons** icon. To create the buttons for a specific Domain Administration page, you should access the required Domain Administration page, and click the **Custom Buttons** icon.

3. Click the  **Add New Button** icon. The Custom Button Properties page will appear:
4. Type the button label into the **Button label** field.
5. Choose the location for your button: control panel's navigation pane, Domain Administration pages of all domains, or Home pages of all clients.
6. Specify the priority of the button. It will be used by the control panel for defining the button layout order in cases when there are several custom buttons on a page.
7. You can use an image for a button background. To do this, type in the path to its location or click Browse to browse for a file. It is recommended to use a 16x16 px GIF or JPEG image for a button to be placed in the navigation pane, and 32x32 px GIF or JPEG image for buttons placed in the main frame.
8. Type the URL link to be attached to the button into the **URL** field.

9. Using the checkboxes, specify whether to include the data, such as **domain id, domain name, client id, client's company name, client's contact name**, and the **client's e-mail** to be transferred within the URL. These data can be required for processing by external web applications.
10. In the **Context help tip contents** input field, type in the help tip that will be displayed when users hover the mouse pointer over the button.
11. Select the **Open URL in the Control Panel** checkbox if you wish the destination URL to be opened in the control panel's right frame, otherwise leave this checkbox unchecked to open the URL in a separate browser window.
12. If you wish to make this button visible to other users, select the **Visible to sub-logins** checkbox.
13. Click **OK** to submit the settings.

How To Remove A Custom Button

In order to remove one or several buttons, select the corresponding checkboxes and click **Remove selected**.