

Parallels[®] Plesk Panel

Parallels Plesk Panel 9.5 for Windows Installation and Upgrade Guide

(Revision 1.0)

Copyright Notice

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Preface

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Typographical Conventions

The following kinds of formatting in the text identify special information.

| Formatting convention | Type of Information | Example |
|-----------------------|---|---|
| Special Bold | Items you must select, such as menu options, command buttons, or items in a list. | Go to the QoS tab. |
| | Titles of chapters, sections, and subsections. | Read the Basic Administration chapter. |
| <i>Italics</i> | Used to emphasize the importance of a point, to introduce a term or to designate a command line placeholder, which is to be replaced with a real name or value. | The system supports the so called <i>wildcard character</i> search. |
| Monospace | The names of style sheet selectors, files and directories, and CSS fragments. | The license file is called <code>license.key</code> . |

| | | |
|-------------------|---|--|
| Preformatted Bold | What you type, contrasted with on-screen computer output. | Unix/Linux: # cd /root/rpms/php Windows: >cd %myfolder% |
| Preformatted | On-screen computer output in your command-line sessions; source code in XML, C++, or other programming languages. | Unix/Linux: # ls -al /files total 14470 Windows: >ping localhost Reply from 127.0.0.1: bytes=32 time<1ms TTL=128 |

Feedback

If you have found an error in this guide, or if you have suggestions or ideas on how to improve this guide, please send your feedback using the online form at <http://www.parallels.com/en/support/usersdoc/>. Please include in your report the guide's title, chapter and section titles, and the fragment of text in which you have found an error.

Introduction

This guide covers installation, update, modification and removal of Parallels Plesk Panel for Windows.

- To learn about installation requirements, refer to the chapter Meeting Installation Requirements (see page 8).
- To learn about installing Parallels Plesk Panel for Windows, refer to the chapter Installing Parallels Plesk Panel for Windows (on page 10).

Attention: Make sure your server fits the requirements listed in the Meeting Installation Requirements (see page 8) chapter before installing Parallels Plesk Panel.

- To read about installing Parallels Plesk Panel for Windows through GUI, refer to the section Installing Parallels Plesk Panel for Windows Using GUI (on page 11).
- To read about installing Parallels Plesk Panel for Windows through command line, refer to the section Installing Parallels Plesk Panel for Windows Using Command Line Interface (on page 14) section.
- To learn about updating earlier versions of Parallels Plesk Panel for Windows to the latest version, refer to the chapter Updating Earlier Version of Parallels Plesk Panel for Windows to the Latest Version (on page 51).
- To learn about resolving post-installation issues, refer to the chapter Resolving Post-Installation Issues (on page 55).
- To learn about updating Parallels Plesk Panel for Windows, refer to the chapter Updating Parallels Plesk Panel for Windows (on page 56).
- To learn about modifying Parallels Plesk Panel for Windows installation, refer to the chapter Modifying Parallels Plesk Panel for Windows (on page 62).
- To read about removing Parallels Plesk Panel for Windows, refer to the chapter Removing Parallels Plesk Panel for Windows (on page 72).

Meeting Installation Requirements

Before you install Parallels Plesk Panel on your server, make sure the following requirements are met:

- Microsoft Windows 2003 Server or Microsoft Windows 2008 Server is installed on your system.
- An IP address should be configured in OS prior to Parallels Plesk Panel 9.5 for Windows installation. The IP address received via DHCP will be converted into a static one when you change IP pool.
- In order for your server to support domain performance configuring, you need to enable QoS Packet Scheduler service.
- Internet Information Server (IIS) is installed on your system with WWW and FTP support.
- Your server is NOT working as a Windows Domain Controller (neither primary nor backup). If this requirement is not fulfilled, a system crash may occur during the creation of domains with certain names.

Attention: Parallels Plesk Panel must be installed on NTFS partitions. We strongly recommend that you install Parallels Plesk Panel on a clean server. Only the required operating system components should be installed. If you have to choose a role for your server, select the Application Server role.

The following things should be taken in consideration before installing Parallels Plesk Panel or some of its specific components:

- If you want to use SSI, ASP and FrontPage services, select the respective components during the installation of IIS.
- If you want to install the Tomcat component included with Parallels Plesk Panel installer, please make sure that the folder where Tomcat will be installed has no national or special characters in its name. The following characters are allowed: basic Latin characters, numerals, space and the following symbols: !#\$%&()+,-.::;=@[]_{}.
- If you want to use ColdFusion:
 - ColdFusion should be installed separately before installing Parallels Plesk Panel.
 - If you intend to use ColdFusion support in Parallels Plesk Panel, ColdFusion should be installed on the server with **Default Web Site** chosen on the **Web Server Selection** step of installation. Otherwise, if you choose **All IIS Websites**, ColdFusion support will always be activated for all domains that have physical hosting, regardless of the corresponding check box status.
- If you want to use Microsoft SQL Server DBMS support in Parallels Plesk Panel:

- Microsoft SQL Server should be installed and configured to use standard or mixed security mode. By default, Microsoft SQL Server 2005 is installed with Parallels Plesk Panel. Alternatively, you can select to install Microsoft SQL Server 2008, but there are the following prerequisites to it:
 - Windows Installer 4.5;
 - Microsoft .NET Framework 2.0 SP2 (it can be obtained with Microsoft .NET Framework 3.5 SP1);
 - Windows Server 2003 SP2 or higher.
- If Microsoft SQL Server is not installed, you can select Microsoft SQL Server 2005 Express Edition on Windows 2003 platform and Microsoft SQL Server 2005 Express Edition on Windows 2008 platform to be installed with Parallels Plesk Panel and configured with administrator name 'sa' and random password, which you can change later on the **Home > Database servers** page.
- If you want to use external Microsoft SQL Server (in case it was installed before Parallels Plesk Panel), you need to supply the required password on the **Home > Database servers** page.
- If you have AVG antivirus on your system, you need to disable it during Parallels Plesk Panel installation, upgrade or template deployment, to avoid its conflict with DrWeb. AVG detects drwebcom.exe as a virus and prevents file copying. This leads to Parallels Plesk Panel installation (upgrade) failure.

Due to the large quantity of various software available on the market, Parallels cannot guarantee compatibility with all third-party software products, except when explicitly stated otherwise. Please exercise special caution when using various antivirus and firewall software that has issues with blocking of potentially dangerous programs, because such software is known to malfunction when working on the server with installed Parallels Plesk Panel.

Installing Parallels Plesk Panel for Windows

Parallels Plesk Panel for Windows is available through the `SetupPlesk.exe` installer, which will download and install all the required prerequisites and Parallels Plesk Panel components depending on your installation choices.

There are two ways to install Parallels Plesk Panel through downloaded installer:

- Install Parallels Plesk Panel using GUI (Graphical User Interface). This installation procedure is described in the Installing Parallels Plesk Panel for Windows Using GUI (on page 11) section.
- Install Parallels Plesk Panel using CLI (Command Line Interface). This installation procedure is described in the Installing Parallels Plesk Panel for Windows Using Command Line Interface (on page 14) section.

If you are a relatively unexperienced user, we recommend to install Parallels Plesk Panel via GUI.

If you have an earlier version of Parallels Plesk Panel installed on your server, refer to the Updating Earlier Versions of Parallels Plesk Panel for Windows to Latest Version of Parallels Plesk Panel for Windows (on page 51) chapter.

Note: After installation of Parallels Plesk Panel on a server protected by a firewall, be sure to configure the firewall as described in the Parallels Plesk Panel Administrator's Guide, chapter "Configuring and Maintaining Your Server", section "Configuring Parallels Plesk Panel to Run Behind a Router with Firewall and Network Address Translation".

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Installing Parallels Plesk Panel for Windows Using the GUI

➤ *To install Parallels Plesk Panel for Windows on your server using the GUI:*

1. Log in to your system as Administrator or another user with Administrator privileges.
2. Make sure that you have the Parallels Plesk Panel installation package ready. You can download the required Parallels Plesk Panel installation package from Parallels Web site at <http://www.parallels.com>.
3. Run the Parallels Plesk Panel installer by running the `SetupPlesk.exe` file.
4. The installer will check your system for required components and determine whether your system is ready to install Parallels Plesk Panel or not. If some of the required components are missing, the installer will run Parallels Plesk Panel for Windows Prerequisites Wizard to install the missing components. In this case, click **Next >** to proceed with the installing the components and click **Next >** again after the required components are installed.
5. After the installation of the required components is complete, Parallels Plesk Panel installer will display a welcome message. Click **Next >** to proceed.

If you have an earlier version of Parallels Plesk Panel installed on your server, you will be prompted to update your version of Parallels Plesk Panel to the current Parallels Plesk Panel for Windows version. Refer to the chapter Updating Earlier Versions of Parallels Plesk Panel for Windows to the Latest Version (on page 51) for more information.

6. Read the license agreement. Select the **I accept the license agreement** option, if you agree with all terms and conditions stated in the license agreement, and click **Next >** to proceed.

If your server already hosts domains on IIS 6.0 or mail accounts on a mail server supported by Parallels Plesk Panel, you will be prompted to migrate the existing data to Parallels Plesk Panel. Refer to the In-Place Migration to Parallels Plesk Panel for Windows Administrator's Guide for more information.
7. Choose the installation paths for Parallels Plesk Panel and its applications (**Destination Folder**), Parallels Plesk Panel and its applications data (**Application Data Folder**) and virtual hosts data (**Virtual Hosts Destination Folder**). Click **Next >** to proceed.
8. Choose the required installation type (**Typical**, **Complete** or **Custom**) and click **Next >**.

- Selecting **Typical** will install all available Parallels Plesk Panel components included in Parallels Plesk Panel distribution, except the following:
 - Parallels Plesk Panel documentation in PDF format
 - Microsoft SQL Server 2005 Express Edition
 - Kaspersky Antivirus
 - Tomcat and Java 2 SDK
 - Python script engine
- Selecting **Complete** will install all available Parallels Plesk Panel components included in Parallels Plesk Panel distribution.
- Selecting **Custom** will allow you to choose the Parallels Plesk Panel components you want to install, including Parallels Plesk Panel database engine and Parallels Plesk Panel Web server engine.

Note: Sitebuilder for Windows is integrated in Parallels Plesk Panel and is installed with Parallels Plesk Panel by default. You can choose not to install it by clearing the corresponding option during **Custom** installation.

- a** If you chose Custom installation, the next screen will prompt you to choose the Parallels Plesk Panel engine components (database and web server) you want to use. Select the required components and click **Next >**.

You have the following choice of Parallels Plesk Panel database engines:

- **MySQL.** MySQL database can be used to ensure the compatibility with earlier versions of Parallels Plesk Panel. This engine is used by default when upgrading Parallels Plesk Panel from versions earlier than 7.6.
- **Microsoft Access.** Select this database engine if you wish Parallels Plesk Panel to use less server resources, but operate slower. This engine is used by default for Parallels Plesk Panel installation.
- **Microsoft SQL Server.** Select this database engine if you wish Parallels Plesk Panel to use more server resources and operate faster.

You can choose the following web server engines for Parallels Plesk Panel:

- **Internet Information Services (IIS).** This engine is used by default for Parallels Plesk Panel installation. It is also used when upgrading Parallels Plesk Panel from 7.5.
- **Apache Web Server.** Select this option to use Apache Web Server for Parallels Plesk Panel installation.

- b** Select the Parallels Plesk Panel components you would like to install and click **Next >**. You can click **Reset** to reset the components selection to the default values.
- c** If you chose not to install MSSQL Server during the selection of Parallels Plesk Panel components to be installed, you will be prompted to specify the parameters of local MSSQL Server instance (host name and administrator's login with password). This is required if you selected Microsoft SQL Server as Parallels Plesk Panel database engine or if you chose to install Sitebuilder for Windows. Otherwise, if you do not want to use MSSQL Server, you can select the **Don't use Microsoft SQL Server** check box and click **Next >**.

9. Specify the administrator password for default login (“admin”) used for accessing Parallels Plesk Panel after the installation.

The password cannot be shorter than 4 symbols and longer than 15 symbols. For security reasons, the password should be more than 8 symbols, and it should comprise a combination of letters, numbers, and punctuation; dictionary words and proper names should be avoided.

10. Leave the **Enable Shared W3WP Desktop** check box selected if you want IIS to allocate one shared desktop for all World Wide Web Worker Processes to optimize server memory usage. Click **Next >** to proceed with the installation.

Windows has a notion of desktops where applications write their output to. By default, IIS allocates a new desktop for each application pool it creates. However, application pools do not have any graphical output and this could be a waste of memory to allocate separate desktops for each of them. Leaving the **Enable the use of a Shared W3WP Desktop** check box selected allows IIS to allocate one shared desktop for all World Wide Web Worker Processes (W3WP). Note that sometimes this setting could cause problems. Use the following Microsoft resources to obtain more information on this topic:

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;184802>

<http://technet2.microsoft.com/WindowsServer/f/?en/library/70bd36c1-fa5e-4da4-8daf-2a71916e5c031033.msp>

11. Parallels Plesk Panel installer will notify you that clicking **Next >** will install Parallels Plesk Panel with selected options. Click **Next >** to proceed.
12. The installer will start the components installation process. If you are using Web installer, it will connect to the Parallels Web site, download the components you selected, and install them. When the installation of Parallels Plesk Panel components is finished, the installer will notify you that Parallels Plesk Panel for Windows was successfully installed. Click **Finish** to finish the installation process.

Parallels Plesk Panel will start working right after the installation is finished. If you chose to install Acronis True Image Module, Parallels Plesk Panel will ask you to restart the system. After the restart, Parallels Plesk Panel launches automatically.

To complete the initial configuration of Parallels Plesk Panel, log in to the Parallels Plesk Panel running on your host at `https://machine.domain.name:8443/` or `https://IP-address:8443/`. Use the username `admin` and password `setup` (both are case sensitive). For security reasons, change the password upon initial login. Follow the on-screen instructions to complete the initial configuration of Parallels Plesk Panel. For more information on post-installation configuration of Parallels Plesk Panel, refer to the Parallels Plesk Panel Administrator’s Guide.

Note: In Parallels Plesk Panel there is a port not protected by a secure SSL connection at `http://machine.domain.name:8880/` or `http://IP-address:8880/`. This port is also used for RSS news feeds and Virtuozzo Power Panel.

Installing Parallels Plesk Panel for Windows Using Command Line Interface

Installation of Parallels Plesk Panel through the command line interface is recommended only for advanced users. It is assumed that the reader of this section and its subsections possesses a sufficient degree of knowledge about creating files and working with command line interface (including the use of variables).

➤ *To install Parallels Plesk Panel from command line using Web installer:*

Open the command prompt (**Start > Run > cmd.exe**) and run the following command, supplying installation options in place of `<variable name>=<value>`:

```
setupplesk.exe <variable name1>=<value1> <variable name2>=<value2> ...
<variable nameN>=<valueN>
```

For example, the following command installs Parallels Plesk Panel into the 'c:\plesk bin' directory and Parallels Plesk Panel data into the 'd:\plesk data' directory:

```
setupplesk.exe INSTALLDIR="c:\plesk bin" DATADIR="d:\plesk data".
```

To see the list of variables that can be used when installing Parallels Plesk Panel through the command line, refer to the section List of Variables Available for Parallels Plesk Panel Installation Through the Command Line (on page 40).

You can choose what Parallels Plesk Panel components you want to install. To see the list of Parallels Plesk Panel components that can be installed when installing Parallels Plesk Panel through command line, refer to the section List of Parallels Plesk Panel Components Available for Installation Through the Command Line (on page 44).

Note: FastCGI is never installed in the silent mode. If you do not install Parallels Plesk Panel using GUI, we recommend that you install FastCGI separately before installing Parallels Plesk Panel.

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Installing Parallels Plesk Panel Without Microsoft SQL Server 2005/2008 Express Edition

The following typical installation cases are addressed in this section:

Complete or **Typical** installation of Parallels Plesk Panel in silent mode without Microsoft SQL Server 2005/2008 is described in the section Performing Complete or Typical Installation of Parallels Plesk Panel Without Microsoft SQL Server 2005/2008 Express Edition from Command Line (on page 16).

In case of **Typical** installation, all available Parallels Plesk Panel components included in Parallels Plesk Panel distribution are installed, except the following:

- Parallels Plesk Panel documentation in PDF format
- Microsoft SQL Server 2005 Express Edition
- Kaspersky Antivirus
- Tomcat and Java 2 SDK

Custom installation of Parallels Plesk Panel in silent mode without Microsoft SQL Server 2005/2008 is described in the section Performing Custom Installation of Parallels Plesk Panel Without Microsoft SQL Server 2005/2008 Express Edition from Command Line (on page 18).

Complete installation of Parallels Plesk Panel in silent mode using external Microsoft SQL Server is described in the section Installing Parallels Plesk Panel with External Microsoft SQL Server (on page 20). Note that this installation procedure is similar to **Complete** installation of Parallels Plesk Panel without Microsoft SQL Server.

Complete installation of Parallels Plesk Panel in silent mode without Sitebuilder or Microsoft SQL Server 2005/2008 is described in the section Installing Parallels Plesk Panel Without Sitebuilder or Microsoft SQL Server 2005/2008 Express Edition from the Command Line (on page 22).

Complete installation of Parallels Plesk Panel in silent mode without PHP, Perl, or Microsoft SQL Server 2005/2008 is described in the section Installing Parallels Plesk Panel Without PHP, Perl, or Microsoft SQL Server 2005/2008 Express Edition from the Command Line (on page 24).

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Performing Complete or Typical Installation of Parallels Plesk Panel Without Microsoft SQL Server 2005/2008 Express Edition from Command Line

➤ ***To perform a Complete or Typical Parallels Plesk Panel for Windows installation without Microsoft SQL Server 2005/2008 Express Edition from command line:***

1. Create a file called `install-plesk.cmd` in your system. Copy the following text into it:

```
@echo off
if "%6" == "" (
echo " USAGE: install-plesk.cmd <distrib path>
<installation path> <mode> <MSSQL host> <MSSQL admin name>
<MSSQL admin password>"
echo " where
echo " <mode> can be:
echo " complete - Complete Parallels Plesk Panel
installation
echo " typical - Typical Parallels Plesk Panel installation
echo " <MSSQL host> is MSSQL Server location with optional
instance name (for example, localhost\SQLEXPRESS),
echo " <MSSQL admin name> is MSSQL Server administrator
name
echo " <MSSQL admin password> is MSSQL Server administrator
password
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,JDK,Tomcat
if "%3" == "complete" set plesk_exclude=MSSQLEXPRESS
if "%3" == "typical" set
plesk_exclude=MSSQLEXPRESS,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLEXPRESS,%~3
@echo on
```

```
"%plesk_distrib_dir%\SetupPlesk.exe" /qn MSSQL_HOST=%4
MSSQL_ADMIN_NAME=%5 MSSQL_ADMIN_PASSWD=%6
INSTALLDIR="%plesk_dir%" ADDLOCAL=ALL
REMOVE=%plesk_exclude% /l*v "C:\plesk-install.log"
If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change '/qn' to '/qb' in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
 3. Run one of the following commands to install Parallels Plesk Panel without Microsoft SQL Server 2005/2008:
 - To perform a **Complete** installation of Parallels Plesk Panel, run:

```
install-plesk.cmd <distrib path> <installation path>
complete <MSSQL host> <MSSQL admin name> <MSSQL admin
password>
```
 - To perform a **Typical** installation of Parallels Plesk Panel, run:

```
install-plesk.cmd <distrib path> <installation path>
typical <MSSQL host> <MSSQL admin name> <MSSQL admin
password>
```
- Both commands use the following variables:
- <distrib path> - full path to SetupPlesk.exe file.
 - <installation path> - full path to the folder where Parallels Plesk Panel should be installed.
 - <MSSQL host> - external Microsoft SQL Server host name.
 - <MSSQL admin name> - external Microsoft SQL Server administrator login.
 - <MSSQL admin password> - external Microsoft SQL Server administrator password.
4. The installer will proceed with installing Parallels Plesk Panel without Microsoft SQL Server 2005/2008.

Performing Custom Installation of Parallels Plesk Panel Without Microsoft SQL Server 2005/2008 Express Edition from Command Line

➤ **To perform a Custom Parallels Plesk Panel for Windows installation without Microsoft SQL Server 2005/2008 Express Edition from command line:**

1. Create a file called `install-plesk.cmd` in your system. Copy the following text into it:

```
@echo off
if "%6" == "" (
echo ` USAGE: install-plesk.cmd <distrib path>
<installation path> <mode> <MSSQL host> <MSSQL admin name>
<MSSQL admin password>`
echo ` where
echo ` <mode> can be:
echo ` complete - Complete Parallels Plesk Panel
installation
echo ` typical - Typical Parallels Plesk Panel installation
echo ` <MSSQL host> is MSSQL Server location with optional
instance name (for example, localhost\SQLSERVER),
echo ` <MSSQL admin name> is MSSQL Server administrator
name
echo ` <MSSQL admin password> is MSSQL Server administrator
password
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,JDK,Tomcat
if "%3" == "complete" set plesk_exclude=MSSQLSERVER
if "%3" == "typical" set
plesk_exclude=MSSQLSERVER,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLSERVER,%~3
@echo on
```

```
"%plesk_distrib_dir%\SetupPlesk.exe" /qn MSSQL_HOST=%4
MSSQL_ADMIN_NAME=%5 MSSQL_ADMIN_PASSWD=%6
INSTALLDIR="%plesk_dir%" ADDLOCAL=ALL
REMOVE=%plesk_exclude% /l*v "C:\plesk-install.log"
If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change `'/qn'` to `'/qb'` in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
3. Run the following command to install Parallels Plesk Panel without Microsoft SQL Server 2005/2008:

```
install-plesk.cmd <distrib path> <installation path>
<component ID> <MSSQL host> <MSSQL admin name> <MSSQL admin
password>
```

Important: This command will install all available Parallels Plesk Panel components except those specified in place of `<component ID>` variable.

The following variables are used by this command:

- `<distrib path>` - full path to `SetupPlesk.exe` file.
 - `<installation path>` - full path to the folder where Parallels Plesk Panel should be installed.
 - `<component ID>` - ID of the component that should *not* be installed, for example, `KasperskyAV`. You can specify several component IDs at once, separating them with a comma. For the list of available component IDs, refer to the section [List of Parallels Plesk Panel Components Available for Installation Through the Command Line](#) (on page 44). Otherwise, the command will install all components.
 - `<MSSQL host>` - external Microsoft SQL Server host name.
 - `<MSSQL admin name>` - external Microsoft SQL Server administrator login.
 - `<MSSQL admin password>` - external Microsoft SQL Server administrator password.
4. The installer will proceed with installing Parallels Plesk Panel without Microsoft SQL Server.

Installing Parallels Plesk Panel with External Microsoft SQL Server

- **To perform a Complete or Typical Parallels Plesk Panel for Windows installation with external Microsoft SQL Server from the command line:**

1. Create a file called `install-plesk.cmd` in your system. Copy the following text into it:

```
@echo off
if "%6" == "" (
echo " USAGE: install-plesk.cmd <distrib path>
<installation path> <mode> <MSSQL host> <MSSQL admin name>
<MSSQL admin password>"
echo " where
echo " <mode> can be:
echo " complete - Complete Parallels Plesk Panel
installation
echo " typical - Typical Parallels Plesk Panel installation
echo " <MSSQL host> is MSSQL Server location with optional
instance name (for example, localhost\SQLEXPRESS),
echo " <MSSQL admin name> is MSSQL Server administrator
name
echo " <MSSQL admin password> is MSSQL Server administrator
password
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,JDK,Tomcat
if "%3" == "complete" set plesk_exclude=MSSQLEXPRESS
if "%3" == "typical" set
plesk_exclude=MSSQLEXPRESS,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLEXPRESS,%~3
@echo on

"%plesk_distrib_dir%\SetupPlesk.exe" /qn MSSQL_HOST=%4
MSSQL_ADMIN_NAME=%5 MSSQL_ADMIN_PASSWD=%6
INSTALLDIR="%plesk_dir%" ADDLOCAL=ALL
REMOVE=%plesk_exclude% /l*v "C:\plesk-install.log"
```

```
If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
```

Note. You are welcome to change the script text above to best suit your needs. For example, you can change `‘/qn’` to `‘/qb’` in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
 3. Run one of the following commands to install Parallels Plesk Panel using external Microsoft SQL Server:
 - To perform a **Complete** installation of Parallels Plesk Panel, run:

```
install-plesk.cmd <istrib path> <installation path> complete  
<MSSQL host> <MSSQL admin name> <MSSQL admin password>
```
 - To perform a **Typical** installation of Parallels Plesk Panel, run:

```
install-plesk.cmd <istrib path> <installation path> typical  
<MSSQL host> <MSSQL admin name> <MSSQL admin password>
```
- Both commands use the following variables:
- `<istrib path>` - full path to `SetupPlesk.exe` file.
 - `<installation path>` - full path to the folder where Parallels Plesk Panel should be installed.
 - `<MSSQL host>` - external Microsoft SQL Server host name.
 - `<MSSQL admin name>` - external Microsoft SQL Server administrator login.
 - `<MSSQL admin password>` - external Microsoft SQL Server administrator password.
4. The installer will proceed with installing Parallels Plesk Panel using external Microsoft SQL Server.

Installing Parallels Plesk Panel Without Sitebuilder or Microsoft SQL Server 2005/2008 Express Edition from the Command Line

➤ **To install Parallels Plesk Panel without Sitebuilder or Microsoft SQL Server 2005/2008 Express Edition from the command line:**

1. Create a file called `install-plesk.cmd` in your system. Copy the following text into it:

```
@echo off
if "%6" == "" (
echo " USAGE: install-plesk.cmd <distrib path>
<installation path> <mode> <MSSQL host> <MSSQL admin name>
<MSSQL admin password>"

echo " where
echo " <mode> can be:

echo " complete - Complete Parallels Plesk Panel
installation

echo " typical - Typical Parallels Plesk Panel installation
echo " <MSSQL host> is MSSQL Server location with optional
instance name (for example, localhost\SQLEXPRESS),
echo " <MSSQL admin name> is MSSQL Server administrator
name
echo " <MSSQL admin password> is MSSQL Server administrator
password
exit /b 1
)
set plesk_distrib_dir=%~1
set plesk_dir=%~2
set plesk_non_typical=KasperskyAV,PDFDoc,JDK,Tomcat
if "%3" == "complete" set plesk_exclude=MSSQLEXPRESS
if "%3" == "typical" set
plesk_exclude=MSSQLEXPRESS,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLEXPRESS,%~3
@echo on

"%plesk_distrib_dir%\SetupPlesk.exe" /qb MSSQL_HOST=%4
MSSQL_ADMIN_NAME=%5 MSSQL_ADMIN_PASSWD=%6
INSTALLDIR="%plesk_dir%" ADDLOCAL=ALL
REMOVE=%plesk_exclude% /! *v "C:\plesk-install.log"

If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change `'/qn'` to `'/qb'` in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
3. Run the following command to install Parallels Plesk Panel without Sitebuilder or Microsoft SQL Server 2005/2008:

```
install-plesk.cmd <istrib path> <installation path> WSBNET  
<MSSQL host> <MSSQL admin name> <MSSQL admin password>
```

The following variables are used by this command:

 - `<istrib path>` - full path to `SetupPlesk.exe` file.
 - `<installation path>` - full path to the folder where Parallels Plesk Panel should be installed.
 - `<MSSQL host>` - external Microsoft SQL Server host name.
 - `<MSSQL admin name>` - external Microsoft SQL Server administrator login.
 - `<MSSQL admin password>` - external Microsoft SQL Server administrator password.
4. The installer will proceed with installing Parallels Plesk Panel without Sitebuilder or Microsoft SQL Server.

Installing Parallels Plesk Panel Without PHP, Perl, or Microsoft SQL Server 2005/2008 Express Edition from the Command Line

➤ **To install Parallels Plesk Panel without PHP, Perl, or Microsoft SQL Server 2005/2008 Express Edition from the command line:**

1. Create a file called `install-plesk.cmd` in your system. Copy the following text into it:

```
@echo off
if "%6" == "" (
echo " USAGE: install-plesk.cmd <distrib path>
<installation path> <mode> <MSSQL host> <MSSQL admin name>
<MSSQL admin password>"

echo " where
echo " <mode> can be:

echo " complete - Complete Parallels Plesk Panel
installation
echo " typical - Typical Parallels Plesk Panel installation
echo " <MSSQL host> is MSSQL Server location with optional
instance name (for example, localhost\SQLEXPRESS),
echo " <MSSQL admin name> is MSSQL Server administrator
name
echo " <MSSQL admin password> is MSSQL Server administrator
password
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,Python,JDK,Tomcat
if "%3" == "complete" set plesk_exclude=MSSQLEXPRESS
if "%3" == "typical" set
plesk_exclude=MSSQLEXPRESS,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLEXPRESS,%~3
@echo on

"%plesk_distrib_dir%\SetupPlesk.exe" /qn MSSQL_HOST=%4
MSSQL_ADMIN_NAME=%5 MSSQL_ADMIN_PASSWD=%6
INSTALLDIR="%plesk_dir%" ADDLOCAL=ALL
REMOVE=%plesk_exclude% /l*v "C:\plesk-install.log"
```

```
If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change `'/qn'` to `'/qb'` in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
3. Run the following command to install Parallels Plesk Panel without PHP, Perl, or Microsoft SQL Server 2005/2008:

```
install-plesk.cmd <istrib path> <installation path> PHP,Perl  
<MSSQL host> <MSSQL admin name> <MSSQL admin password>
```

Important: This command will install all available Parallels Plesk Panel components except PHP and Perl. If you want to install any of these components, remove them from the command text. For example, if you do not want to install PHP, but you want to install Perl, remove `Perl` from the command text above.

The following variables are used by this command:

- `<istrib path>` - full path to `SetupPlesk.exe` file.
- `<installation path>` - full path to the folder where Parallels Plesk Panel should be installed.
- `<MSSQL host>` - external Microsoft SQL Server host name.
- `<MSSQL admin name>` - external Microsoft SQL Server administrator login.
- `<MSSQL admin password>` - external Microsoft SQL Server administrator password.

4. The installer will proceed with installing Parallels Plesk Panel without PHP, Perl, or Microsoft SQL Server.

Installing Parallels Plesk Panel with Microsoft SQL Server 2005/2008 Express Edition

The following typical installation cases are addressed in this section:

Complete or **Typical** installation of Parallels Plesk Panel in silent mode with Microsoft SQL Server 2005/2008 is described in the section Performing Complete or Typical Installation of Parallels Plesk Panel With Microsoft SQL Server 2005/2008 Express Edition from the Command Line (on page 27).

In case of **Typical** installation, all available Parallels Plesk Panel components included in Parallels Plesk Panel distribution are installed, except the following:

- Parallels Plesk Panel documentation in PDF format
- Microsoft SQL Server 2005 Express Edition
- Kaspersky Antivirus
- Tomcat and Java 2 SDK

Custom installation of Parallels Plesk Panel in silent mode with Microsoft SQL Server 2005/2008 is described in the section Performing Custom Installation of Parallels Plesk Panel With Microsoft SQL Server 2005/2008 Express Edition from the Command Line (on page 30).

Complete installation of Parallels Plesk Panel in silent mode without Sitebuilder and with Microsoft SQL Server 2005/2008 is described in the section Installing Parallels Plesk Panel Without Sitebuilder and with Microsoft SQL Server 2005/2008 Express Edition from the Command Line (on page 34).

Complete installation of Parallels Plesk Panel in silent mode without PHP or Perl, and with Microsoft SQL Server 2005/2008 is described in the section Installing Parallels Plesk Panel Without PHP or Perl, and with Microsoft SQL Server 2005/2008 Express Edition from the Command Line (on page 37).

In this section:

| | |
|--|----|
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Performing Complete or Typical Installation of Parallels Plesk Panel With Microsoft SQL Server 2005/2008 Express Edition from the Command Line

- **To perform a Complete or Typical Parallels Plesk Panel for Windows installation with Microsoft SQL Server 2005/2008 Express Edition from the command line:**

1. Create a file called `install-plesk-with-mssqlexpress.cmd` in your system. Copy the following text into it:

```
@echo off
if "%3" == "" (
echo " USAGE: install-plesk-with-mssqlexpress.cmd <distri
path>
<installation path> <mode> [<MSSQLEXPRESS password>]"
echo " where <mode> can be:
echo " complete - Complete Plesk installation
echo " typical - Typical Plesk installation
echo " {comp_list} - Complete Plesk installation without
specified
components (use a comma to separate the components)
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,Python,JDK,Tomcat
if "%3" == "complete" set plesk_exclude=MSDE,MSSQLEXPRESS
if "%3" == "typical" set
plesk_exclude=MSDE,MSSQLEXPRESS,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSDE,MSSQLEXPRESS,%~3
set mssqlexpress_pwd=1q2w3e4R
if "%~4" NEQ "" set mssqlexpress_pwd=%4
@echo on
set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x32.EXE
```

```
If "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x64.EXE
@echo SQL SERVER Installer path: "%sql_server_exe%"
"%sql_server_exe%" /qb ADDLOCAL=ALL
DISABLENETWORKPROTOCOLS=0 SECURITYMODE=SQL
REBOOT=ReallySuppress
INSTALLSQLDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLSHAREDDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLASDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTANCENAME=MSSQLSERVER
If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
set
osql_exe=%plesk_dir%\Databases\MSSQL\90\Tools\Binn\OSQL.EXE
If "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
osql_exe=%plesk_dir%\Databases\MSSQL
(x86)\90\Tools\Binn\OSQL.EXE
@echo OSQL.EXE path: "%osql_exe%"
"%osql_exe%" -E -Q "ALTER LOGIN sa WITH
PASSWORD=' %mssqlexpress_pwd%'; ALTER
LOGIN sa ENABLE"
If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
reg ADD "HKLM\SOFTWARE\Microsoft\Microsoft SQL
Server\MSSQL.1\MSSQLServer" /v
LoginMode /d 2 /t REG_DWORD /f
net stop MSSQLSERVER /Y
net start MSSQLSERVER /Y

"%plesk_distrib_dir%\SetupPlesk.exe" /qn
MSSQL_HOST=localhost
MSSQL_ADMIN_NAME=sa MSSQL_ADMIN_PASSWD="%mssqlexpress_pwd%"
INSTALLDIR="%plesk_dir%" ADDLOCAL=ALL
REMOVE=%plesk_exclude% /l*v
"%plesk_dir%\plesk-install.log"
If "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change ‘/qn’ to ‘/qb’ in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
 3. Run one of the following commands to install Parallels Plesk Panel with Microsoft SQL Server 2005/2008:
 - To perform a **Complete** installation of Parallels Plesk Panel, run:

```
install-plesk-with-mssqlexpress.cmd <istrib path>  
<installation path> complete <mssql_type> [<MSSQL password>]
```
 - To perform a **Typical** installation of Parallels Plesk Panel, run:

```
install-plesk-with-mssqlexpress.cmd <istrib path>  
<installation path> typical <mssql_type> [<MSSQL password>]
```
- Both commands use the following variables:
- <istrib path> - full path to SetupPlesk.exe file.
 - <installation path> - full path to the folder where Parallels Plesk Panel should be installed.
 - <mssql_type> - a version of MS SQL Server. It can be “mssql2005” or “mssql2008”.
 - [<MSSQL password>] - Password for default Microsoft SQL Server administrator login “sa”. Note that this parameter is optional; if you do not specify it, the default Microsoft SQL Server password will be set to “1q2w3e4R”.
4. The installer will proceed with installing Parallels Plesk Panel with Microsoft SQL Server.

Performing Custom Installation of Parallels Plesk Panel With Microsoft SQL Server 2005/2008 Express Edition from the Command Line

➤ **To perform a Custom Parallels Plesk Panel for Windows installation with Microsoft SQL Server 2005/2008 Express Edition from command line:**

1. Create a file called `install-plesk-with-mssql.cmd` in your system. Copy the following text into it:

```
@echo off
if "%3" == "" (
echo ` USAGE: install-plesk-with-mssql.cmd <distrib path>
<installation path> <mode> [<MSSQL password>]"
echo ` where <mode> can be:
echo ` complete - Complete Parallels Plesk Panel
installation
echo ` typical - Typical Parallels Plesk Panel installation
echo ` and mssql_type can be 'mssql2005' or 'mssql2008'
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,JDK,Tomcat
if "%3" == "complete" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008
if "%3" == "typical" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008,%~3
set mssql_type=%~4
set mssql_pwd=1q2w3e4R
if "%~4" NEQ "" set mssql_pwd=%5

@echo on
if "%mssql_type%" == "mssql2005" (
```

```
set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x32.EXE
if "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x64.EXE
)

if "%mssql_type%" == "mssql2008" (
set
sql_server_exe=%plesk_distrib_dir%\sql_server_2008_express_
x32.exe
if "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
sql_server_exe=%plesk_distrib_dir%\sql_server_2008_express_
x64.exe
)

@echo SQL SERVER Installer path: "%sql_server_exe%"
if "%mssql_type%" == "mssql2005" (
"%sql_server_exe%" /qb ADDLOCAL=ALL
DISABLENETWORKPROTOCOLS=0 SECURITYMODE=SQL
REBOOT=ReallySuppress
INSTALLSQLDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLSHAREDDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLASDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTANCENAME=MSSQLSERVER
if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
set
osql_exe=%plesk_dir%\Databases\MSSQL\90\Tools\Binn\OSQL.EXE
@echo OSQL.EXE path: "%osql_exe%"
"%osql_exe%" -E -Q "ALTER LOGIN sa ENABLE; ALTER LOGIN sa
WITH PASSWORD='%mssqlexpress_pwd%' "
if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
reg ADD "HKLM\SOFTWARE\Microsoft\Microsoft SQL
Server\MSSQL.1\MSSQLServer" /v LoginMode /d 2 /t REG_DWORD
/f
net stop MSSQLSERVER /Y
net start MSSQLSERVER /Y
)
if "%mssql_type%" == "mssql2008" (
```

```

"%sql_server_exe%" /Q /ACTION=install
/FEATURES=SQL,AS,RS,IS
/INSTANCEDIR="%plesk_dir%\Databases\MSSQL"
/INSTALLSQLDATADIR="%plesk_dir%\Databases\MSSQL"
/INSTANCENAME=MSSQLSERVER /SECURITYMODE=SQL /TCPENABLED=1
/SAPWD=%mssql_pwd%
/SQLSYSADMINACCOUNTS="Builtin\Administrators"
/SQLSVCACCOUNT="NT AUTHORITY\SYSTEM" /AGTSVCACCOUNT="NT
AUTHORITY\SYSTEM"
/ASSYSADMINACCOUNTS="Builtin\Administrators"
/ASSVCACCOUNT="NT AUTHORITY\SYSTEM" /RSSVCACCOUNT="NT
AUTHORITY\SYSTEM" /ISSVCACCOUNT="NT Authority\Network
Service"
)

"%plesk_distrib_dir%\SetupPlesk.exe" /qn
MSSQL_HOST=localhost MSSQL_ADMIN_NAME=sa
MSSQL_ADMIN_PASSWD="%mssql_pwd%" INSTALLDIR="%plesk_dir%"
ADDLOCAL=ALL REMOVE=%plesk_exclude% /! *v "C:\plesk-
install.log"

if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%

```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change ‘/qn’ to ‘/qb’ in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
3. Run the following command to install Parallels Plesk Panel with Microsoft SQL Server 2005/2008:

```
install-plesk-with-mssql.cmd <distrib path> <installation
path> <component ID> [<MSSQL password>]
```

Important: This command will install all available Parallels Plesk Panel components except those specified in place of <component ID> variable.

The following variables are used by this command:

- <distrib path> - full path to SetupPlesk.exe file.
- <installation path> - full path to the folder where Parallels Plesk Panel should be installed.
- <component ID> - ID of the component that should not be installed, for example, KasperskyAV. You can specify several component IDs at once, separating them with a comma. For the list of available component IDs, refer to the section List of Parallels Plesk Panel Components Available for Parallels Plesk Panel Installation Through Command Line. Otherwise, the command will install all components.

- [`<MSSQL password>`] - Password for default Microsoft SQL Server administrator login "sa". Note that this parameter is optional; if you do not specify it, the default Microsoft SQL Server password will be set to "1q2w3e4R".
4. The installer will proceed with installing Parallels Plesk Panel with Microsoft SQL Server.

Installing Parallels Plesk Panel Without Sitebuilder and with Microsoft SQL Server 2005/2008 Express Edition from the Command Line

➤ **To install Parallels Plesk Panel for Windows without Sitebuilder and with Microsoft SQL Server 2005/2008 Express Edition from command line:**

1. Create a file called `install-plesk-with-mssql.cmd` in your system. Copy the following text into it:

```
@echo off
if "%3" == "" (
echo ` USAGE: install-plesk-with-mssql.cmd <distrib path>
<installation path> <mode> [<MSSQL password>]"
echo ` where <mode> can be:
echo ` complete - Complete Parallels Plesk Panel
installation
echo ` typical - Typical Parallels Plesk Panel installation
echo ` and mssql_type can be 'mssql2005' or 'mssql2008'
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,JDK,Tomcat
if "%3" == "complete" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008
if "%3" == "typical" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008,%~3
set mssql_type=%~4
set mssql_pwd=1q2w3e4R
if "%~4" NEQ "" set mssql_pwd=%5

@echo on
if "%mssql_type%" == "mssql2005" (
```

```

set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x32.EXE
if "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x64.EXE
)

if "%mssql_type%" == "mssql2008" (
set
sql_server_exe=%plesk_distrib_dir%\sql_server_2008_express_
x32.exe
if "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
sql_server_exe=%plesk_distrib_dir%\sql_server_2008_express_
x64.exe
)

@echo SQL SERVER Installer path: "%sql_server_exe%"
if "%mssql_type%" == "mssql2005" (
"%sql_server_exe%" /qb ADDLOCAL=ALL
DISABLENETWORKPROTOCOLS=0 SECURITYMODE=SQL
REBOOT=ReallySuppress
INSTALLSQLDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLSHAREDDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLASDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTANCENAME=MSSQLSERVER
if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
set
osql_exe=%plesk_dir%\Databases\MSSQL\90\Tools\Binn\OSQL.EXE
@echo OSQL.EXE path: "%osql_exe%"
"%osql_exe%" -E -Q "ALTER LOGIN sa ENABLE; ALTER LOGIN sa
WITH PASSWORD='%mssqlexpress_pwd%' "
if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
reg ADD "HKLM\SOFTWARE\Microsoft\Microsoft SQL
Server\MSSQL.1\MSSQLServer" /v LoginMode /d 2 /t REG_DWORD
/f
net stop MSSQLSERVER /Y
net start MSSQLSERVER /Y
)
if "%mssql_type%" == "mssql2008" (

```

```

"%sql_server_exe%" /Q /ACTION=install
/FEATURES=SQL,AS,RS,IS
/INSTANCEDIR="%plesk_dir%\Databases\MSSQL"
/INSTALLSQLDATADIR="%plesk_dir%\Databases\MSSQL"
/INSTANCENAME=MSSQLSERVER /SECURITYMODE=SQL /TCPENABLED=1
/SAPWD=%mssql_pwd%
/SQLSYSADMINACCOUNTS="Builtin\Administrators"
/SQLSVCACCOUNT="NT AUTHORITY\SYSTEM" /AGTSVCACCOUNT="NT
AUTHORITY\SYSTEM"
/ASSYSADMINACCOUNTS="Builtin\Administrators"
/ASSVCACCOUNT="NT AUTHORITY\SYSTEM" /RSSVCACCOUNT="NT
AUTHORITY\SYSTEM" /ISSVCACCOUNT="NT Authority\Network
Service"
)

"%plesk_distrib_dir%\SetupPlesk.exe" /qn
MSSQL_HOST=localhost MSSQL_ADMIN_NAME=sa
MSSQL_ADMIN_PASSWD="%mssql_pwd%" INSTALLDIR="%plesk_dir%"
ADDLOCAL=ALL REMOVE=%plesk_exclude% /l*v "C:\plesk-
install.log"

if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%

```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change ‘/qn’ to ‘/qb’ in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
3. Run the following command to install Parallels Plesk Panel without Sitebuilder and with Microsoft SQL Server 2005/2008:

```
install-plesk-with-mssql.cmd <distrib path> <installation
path> WSBNET [<MSSQL password>]
```

The following variables are used by this command:

- <distrib path> - full path to SetupPlesk.exe file.
 - <installation path> - full path to the folder where Parallels Plesk Panel should be installed.
 - [<MSSQL password>] - Password for default Microsoft SQL Server administrator login “sa”. Note that this parameter is optional; if you do not specify it, the default Microsoft SQL Server password will be set to “1q2w3e4R”.
4. The installer will proceed with installing Parallels Plesk Panel without Sitebuilder and with Microsoft SQL Server.

Installing Parallels Plesk Panel Without PHP or Perl, and with Microsoft SQL Server 2005/2008 Express Edition from the Command Line

➤ **To install Parallels Plesk Panel for Windows without PHP or Perl, and with Microsoft SQL Server 2005/2008 Express Edition from the command line:**

1. Create a file called `install-plesk-with-mssql.cmd` in your system. Copy the following text into it:

```
@echo off
if "%3" == "" (
echo ` USAGE: install-plesk-with-mssql.cmd <distrib path>
<installation path> <mode> [<MSSQL password>]"
echo ` where <mode> can be:
echo ` complete - Complete Parallels Plesk Panel
installation
echo ` typical - Typical Parallels Plesk Panel installation
echo ` and mssql_type can be 'mssql2005' or 'mssql2008'
exit /b 1
)

set plesk_distrib_dir=%~1
set plesk_dir=%~2

set plesk_non_typical=KasperskyAV,PDFDoc,JDK,Tomcat
if "%3" == "complete" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008
if "%3" == "typical" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008,%plesk_non_typical%
if "%plesk_exclude%" == "" set
plesk_exclude=MSSQLEXPRESS,MSSQL2008,%~3
set mssql_type=%~4
set mssql_pwd=1q2w3e4R
if "%~4" NEQ "" set mssql_pwd=%5

@echo on
if "%mssql_type%" == "mssql2005" (
```

```
set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x32.EXE
if "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
sql_server_exe=%plesk_distrib_dir%\sql_server_2005_express_
edition_sp2_x64.EXE
)

if "%mssql_type%" == "mssql2008" (
set
sql_server_exe=%plesk_distrib_dir%\sql_server_2008_express_
x32.exe
if "%PROCESSOR_ARCHITECTURE%" NEQ "x86" set
sql_server_exe=%plesk_distrib_dir%\sql_server_2008_express_
x64.exe
)

@echo SQL SERVER Installer path: "%sql_server_exe%"
if "%mssql_type%" == "mssql2005" (
"%sql_server_exe%" /qb ADDLOCAL=ALL
DISABLENETWORKPROTOCOLS=0 SECURITYMODE=SQL
REBOOT=ReallySuppress
INSTALLSQLDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTALLSQLSHAREDDIR="%plesk_dir%\Databases\MSSQL\"
INSTALLASDATADIR="%plesk_dir%\Databases\MSSQL\"
INSTANCENAME=MSSQLSERVER
if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
set
osql_exe=%plesk_dir%\Databases\MSSQL\90\Tools\Binn\OSQL.EXE
@echo OSQL.EXE path: "%osql_exe%"
"%osql_exe%" -E -Q "ALTER LOGIN sa ENABLE; ALTER LOGIN sa
WITH PASSWORD='%mssqlexpress_pwd%' "
if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%
reg ADD "HKLM\SOFTWARE\Microsoft\Microsoft SQL
Server\MSSQL.1\MSSQLServer" /v LoginMode /d 2 /t REG_DWORD
/f
net stop MSSQLSERVER /Y
net start MSSQLSERVER /Y
)
if "%mssql_type%" == "mssql2008" (
```

```

"%sql_server_exe%" /Q /ACTION=install
/FEATURES=SQL,AS,RS,IS
/INSTANCEDIR="%plesk_dir%\Databases\MSSQL"
/INSTALLSQLDATADIR="%plesk_dir%\Databases\MSSQL"
/INSTANCENAME=MSSQLSERVER /SECURITYMODE=SQL /TCPENABLED=1
/SAPWD=%mssql_pwd%
/SQLSYSADMINACCOUNTS="Builtin\Administrators"
/SQLSVCACCOUNT="NT AUTHORITY\SYSTEM" /AGTSVCACCOUNT="NT
AUTHORITY\SYSTEM"
/ASSYSADMINACCOUNTS="Builtin\Administrators"
/ASSVCACCOUNT="NT AUTHORITY\SYSTEM" /RSSVCACCOUNT="NT
AUTHORITY\SYSTEM" /ISSVCACCOUNT="NT Authority\Network
Service"
)

"%plesk_distrib_dir%\SetupPlesk.exe" /qn
MSSQL_HOST=localhost MSSQL_ADMIN_NAME=sa
MSSQL_ADMIN_PASSWD="%mssql_pwd%" INSTALLDIR="%plesk_dir%"
ADDLOCAL=ALL REMOVE=%plesk_exclude% /! *v "C:\plesk-
install.log"

if "%ERRORLEVEL%" NEQ "0" exit /b %ERRORLEVEL%

```

Note: You are welcome to change the script text above to best suit your needs. For example, you can change ‘/qn’ to ‘/qb’ in the script text, if you want to see the progress bar during the installation. Please make sure that you clearly understand what you are changing before making the changes, as Parallels shall not be held liable in any manner whatsoever for any losses or damage caused by using the modified script.

2. Open the command line interface (**Start > Run > cmd.exe**).
3. Run the following command to install Parallels Plesk Panel without PHP or Perl and with Microsoft SQL Server 2005/2008:

```

install-plesk-with-mssql.cmd <distrib path> <installation
path> PHP,Perl [<MSSQL password>]

```

Important: This command will install all available Parallels Plesk Panel components except PHP or Perl. If you want to install any of these components, remove them from the command text. For example, if you do not want to install PHP, but you want to install Perl, remove `Perl` from the command text.

The following variables are used by this command:

- `<distrib path>` - full path to the `SetupPlesk.exe` file.
 - `<installation path>` - full path to the folder where Parallels Plesk Panel should be installed.
 - `[<MSSQL password>]` - Password for default Microsoft SQL Server administrator login “sa”. Note that this parameter is optional; if you do not specify it, the default Microsoft SQL Server password will be set to “1q2w3e4R”.
4. The installer will proceed with installing Parallels Plesk Panel without PHP or Perl and with Microsoft SQL Server.

List of Variables Available for Installation of Parallels Plesk Panel Through the Command Line

This section covers the usage of variables available for installation of Parallels Plesk Panel through the command line interface.

Since Parallels Plesk Panel uses Microsoft Installer technology, all standard Microsoft Installer parameters are fully supported. To see the list of Microsoft Installer parameters, visit the following page:

http://msdn.microsoft.com/library/en-us/msi/setup/command_line_options.asp

For example, to perform a 'silent' installation of Parallels Plesk Panel, you can use the command line parameter "/q":

```
SetupPlesk.exe /q <variable name1>=<value1> <variable name2>=<value2>
... <variable nameN>=<valueN>
```

Below is a list of variables that you can use when performing installation of Parallels Plesk Panel through the command line interface.

Note: All variables and values are case-sensitive. Use all upper case variables and all lower case values exactly as specified below.

| Variable | Description | Version | Default value |
|--------------------------|--|---------|-------------------|
| General Variables | | | |
| MSSQL_SA_PWD | Password for 'sa' user in MSSQL EXPRESS installed by Parallels Plesk Panel. | 7.5.0 | <random password> |
| DOWNLOADFILES | Specifies whether to download necessary files from Parallels server during the installation ("yes" or "no"). | 7.5.0 | yes |
| ADMINMYSQL_PORT | Port number of Parallels Plesk Panel SQL Server. | 7.5.0 | 8306 |
| ADMINAPACHE_SERVERPORT | Port number of Parallels Plesk Panel. | 7.5.0 | 8443 |
| SETVHOSTSDIR | Set vhosts directory path. | 7.5.0 | [Inetpub]vhosts |
| USE_SHARED_W_DESKTOP | Enable Shared W3WP Desktop ("true" or "false"). | 7.5.0 | true |
| PSA_PASSWORD | Password for Parallels Plesk Panel 'admin' user. | 7.5.0 | setup |

| | | | |
|------------------------|--|-------|---|
| DEBUG | Set up Parallels Plesk Panel in debug mode. The debug information will be written to Event Log. (0 or 1). | 7.5.5 | 0 |
| AUTOINSTALL | Pseudo-silent mode: user attention is not required during the installation ("none" or "auto"). Note that GUI sequence actions (for example, MSSQLEXPRESS installation) are performed as well. | 7.5.5 | none |
| MSSQL_HOST | Server name or IP address of server with installed MSSQL. If MSSQLEXPRESS is installed by Parallels Plesk Panel, then this parameter will be overwritten with local MSSQL server parameters. MSSQL_HOST may contain instance name (for example, 127.0.0.1\OneMSSQLInstance) | 7.6.0 | localhost |
| MSSQL_ADMIN_NAME | MSSQL administrator's login. | 7.5.0 | |
| MSSQL_ADMIN_PASSWORD | MSSQL administrator's password. | 7.5.0 | |
| Directories | | | |
| INSTALLDIR | Installation location of Parallels Plesk Panel. | 7.5.0 | [Program files]Parallels\Plesk |
| DATADIR | Location of data belonging to Parallels Plesk Panel and all other components. | 7.5.0 | [INSTALLDIR] |
| ACRONIS_INSTALLDIR | Installation location of Acronis. | 7.5.0 | [INSTALLDIR]Acronis |
| ACRONIS_TIA_INSTALLDIR | Installation location of Acronis True Image Agent. | 7.5.0 | [ACRONIS_INSTALLDIR]TrueImageAgent |
| ACRONIS_TIC_INSTALLDIR | Installation location of Acronis True Image Console. | 7.5.0 | [ACRONIS_INSTALLDIR]TrueImageConsole |
| ACRONIS_TIS_INSTALLDIR | Installation location of Acronis True Image Server. | 7.5.0 | [ACRONIS_INSTALLDIR]TrueImageEnterprise |
| ADDITIONAL_INSTALLDIR | Installation location of additional components. | 7.5.0 | [INSTALLDIR]Additional |

| | | | |
|--|---|-------|----------------------------------|
| DATABASE_DATADIR | Location of database servers data. | 7.5.0 | [DATADIR]Databases |
| DATABASE_INSTALLDIR | Installation location of database servers. | 7.5.0 | [INSTALLDIR]Databases |
| WSBNET_INSTALLDIR | Installation location of Sitebuilder 3.1 for Windows. | 7.6.0 | [ProgramFiles]SiteBuilder |
| STARTERKITS_INSTALLDIR | Installation location of StarterKits. | 7.5.5 | [INSTALLDIR]ASP.NET Starter Kits |
| APPVAULT_INSTALLDIR | Installation location of AppVaults. | 7.5.5 | [INSTALLDIR]\var\cgitory |
| MSSQLEXPRESS_INSTALLDIR | Installation location of MSSQLEXPRESS. | 8.3.0 | [DATABASE_INSTALLDIR]MSSQL |
| Parallels Plesk Panel Engine Parameters | | | |
| DBPROVIDER | Database engine for storing Parallels Plesk Panel data: MySQL – use MySQL database server, Jet – use MS Access database file (mdb), MSSQL – use MS SQL database server. | 7.6.0 | Jet |
| DBLOGIN | Database username used for all Parallels Plesk Panel operations. Password for this user is equal to PSA_PASSWORD. If DBPROVIDER is set to Jet or MySQL, DBLOGIN should not be specified. If DBPROVIDER is set to MSSQL, the user DBLOGIN will be created on the MSSQL server (specified by the arguments MSSQL_HOST, MSSQL_ADMIN_NAME, and MSSQL_ADMIN_PASSWD). | 7.6.0 | admin |
| DBNAME | Parallels Plesk Panel database name. If DBPROVIDER is set to Jet, DBNAME means the path to the mdb file | 7.6.0 | psa |

| | | | |
|---|--|-------|------|
| PLESKCP_PROVIDER | Web server engine for Parallels Plesk Panel: apache – use Apache web server, iis – use Microsoft Internet Information Services. | 7.6.0 | iis |
| Sitebuilder For Windows Parameters | | | |
| WSBNET_SQLSERVER | Address of MSSQL server for storing Sitebuilder's database. If this argument is not specified, it will be equal to MSSQL_HOST | 7.6.0 | |
| WSBNET_SQLUSER | MSSQL server administrator's name. If this argument is not specified, it will be equal to MSSQL_ADMIN_NAME | 7.6.0 | |
| WSBNET_SQLPWD | MSSQL server administrator's password. If this argument is not specified, it will be equal to MSSQL_ADMIN_PASSWD | 7.6.0 | |
| WSBNET_DBNAME | Sitebuilder's database name. If WSBNET_DBNAME is set to 'auto', the name of Sitebuilder's database will be generated randomly. | 7.6.0 | auto |
| WSB_UPGRADE [force] | To upgrade Sitebuilder versions 3.x, specify <code>WSB_UPGRADE=force</code> in the installer's command line. A previous version of Sitebuilder must be installed by Parallels Plesk Panel. | 8.3.0 | |

List of Parallels Plesk Panel Components Available for Installation Through the Command Line

This section covers the installation of selected Parallels Plesk Panel components through command line interface.

Each Parallels Plesk Panel component has its own unique identifier (ID). This identifier is used when you select the components you want to install. To specify what features should be installed, use the `ADDLOCAL` variable with the list of required components, separating them with a comma:

```
SetupPlesk.exe <variable name1>=<value1> <variable name2>=<value2> ...
<variable nameN>=<valueN>
ADDLOCAL=<FeatureID1>,<FeatureID2>,...,<FeatureIDN>
```

Some components can be installed in the user-specified locations. To specify where such a component should be installed, use the corresponding location variable (see the **Location variable** column in the table below). For example, to install Parallels Plesk Panel in silent mode with Acronis True Image Server installed into the `'c:\Acronis'` directory and documentation in PDF format installed into the default location, use the following command:

```
SetupPlesk.exe /q ACRONIS_INSTALLDIR="c:\Acronis"
ADDLOCAL=Acronis,PDFDoc
```

Note: We recommend specifying all paths without the ending slash (`'\')` (for example, `"c:\Acronis"` instead of `"c:\Acronis\"`), because the ending slash might cause some problems later.

The table below contains the list of available Parallels Plesk Panel components and their respective feature IDs along with location variables (where applicable). Note that feature IDs are case-sensitive (for example, `"MySQL"` is not the same as `"mysql"`). Note also that descriptions do not contain product versions of the installed components. To view the versions of components, refer to the Release Notes (<http://www.parallels.com/en/download/plesk9/>) for your version of Parallels Plesk Panel.

| Feature ID | Parent Feature | Title | Description | Location variable |
|-----------------|-----------------|-------------------------|--|---------------------|
| PleskCP | | Plesk Core | Installs Parallels Plesk Panel components | INSTALLDIR |
| DatabaseServers | | Database Management | Contains SQL database servers and ODBC drivers | DATABASE_INSTALLDIR |
| PleskAppVaults | | Plesk Site Applications | Contains ready to use application packages | APPVAULT_INSTALLDIR |
| KasperskyAV | AntiVirus | Kaspersky | Installs Kaspersky Antivirus | |
| MySQL | DatabaseServers | MySQL Database Server | Installs MySQL | MYSQL_INSTALLDIR |

| | | | | |
|---------------|--------------------|----------------------------|---|--------------------------|
| PortalSK | StarterKits | Portal Starter Kit | Installs Starter Kit demonstrating how to use ASP.NET and the .NET Framework for building a dynamic portal application | PORTALSK_INSTALLDIR |
| ReportsSK | StarterKits | Reports Starter Kit | Installs Starter Kit demonstrating a simple data reporting solution for displaying multiple views on data, creating charts, and rendering any type of data in a Web application | REPORTSSK_INSTALLDIR |
| TimeTrackerSK | StarterKits | Time Tracker Starter Kit | Installs Starter Kit demonstrating how to build a line-of-business ASP.NET application to track time worked on projects | TIMETRACKERSK_INSTALLDIR |
| MySQLODBC | DatabaseServers | MySQL Connector | Installs ODBC driver (also known as the MyODBC Driver) | |
| PhpMyAdmin | DatabaseServers | PHP MyAdmin | Installs Web-based MySQL manager (PHP MyAdmin) | |
| MSDNSSupport | DNSSupport | MS DNS support files | Installs files for supporting MS DNS Server | |
| MerakSupport | MailServersSupport | Merak support files | Installs files for supporting Merak Mail Server | |
| CommerceSK | StarterKits | Commerce Starter Kit | Installs Starter Kit demonstrating an e-commerce storefront application complete with shopping cart, product catalog, and a Web service to submit orders | COMMERCESK_INSTALLDIR |
| FTPSupport | SupportFiles | FTP Servers | Contains Microsoft, Gene6 and Serv-U FTP servers support files | |
| MSSQLWebAdmin | DatabaseServers | ASP.NET Enterprise Manager | Installs Web-based MS SQL manager | MSSQLWEBADMIN_INSTALLDIR |

| | | | | |
|--------------|----------------|----------------|--|-----------------------|
| Expand | PleskCP | Plesk Agent | Installs Parallels Plesk Panel Agent that allows integration with third-party management systems | |
| DrWeb | AntiVirus | DrWeb Installs | Installs Parallels Premium Antivirus by Dr. Web | DRWEB_INSTALLDIR |
| LonghornSkin | Skins | Longhorn | Installs Longhorn Aero, Longhorn Black and Longhorn Yellow | |
| Uebimiau | PleskAppVaults | UebiMiau | Installs WebMail client with the folders support | |
| postNuke | PleskAppVaults | postNuke | Installs Weblog/Content Management System (CMS) | |
| phpBook | PleskAppVaults | phpBook | Installs Guestbook application | |
| phpBB | PleskAppVaults | phpBB | Installs customizable Bulletin Board application | |
| gtChat | PleskAppVaults | gtChat | Installs user-friendly Web Chat application | |
| bbClone | PleskAppVaults | bbClone | Installs advanced Web Counter application | |
| Tomcat | | Tomcat | Contains Tomcat Java servlet engines | TOMCAT_INSTALLDIR |
| Additional | | Script Engines | Script Engines Installs additional script engines. Contains Perl, PHP | ADDITIONAL_INSTALLDIR |
| AWStats | Statistics | AWStats | Installs AWStats, which generates graphical reports on Web, FTP, mail servers' usage | |
| WebMail | MailServers | WebMail Client | Installs Horde IMP that provides Web mail access to IMAP and POP3 accounts | |
| PHP | Additional | PHP | Installs PHP engine (cgi-fcgi) | PHP_INSTALLDIR |

| | | | | |
|--------------------|----------------|------------------------|---|-------------------------|
| osCommerce | PleskAppVaults | osCommerce | Installs on-line shop e-commerce solution | |
| Documentation | | Plesk Documentation | Installs Parallels Plesk Panel user's guides | |
| Webalizer | Statistics | Webalizer | Installs Webalizer, which produces Web server usage reports in HTML format | WEBALIZER_INSTALLDIR |
| Bind | DNSServers | BIND DNS Server | Installs BIND DNS Server | BIND_INSTALLDIR |
| Mambo | PleskAppVaults | Mambo CMS | Installs Web content management system | |
| BackupSystems | | Backup Systems | Contains Acronis | |
| SpamAssassin | MailServers | SpamAssassin | Installs SpamAssassin which is an application intended to identify e-mail spam messages | SPAMASSASSIN_INSTALLDIR |
| Perl | Additional | Perl | Installs Perl built for MSWin32-x86-multi-thread | PERL_INSTALLDIR |
| JDK | Tomcat | Java 2 SDK | Installs Java Software Development Kit | JDK_INSTALLDIR |
| Python | Additional | Python | Installs Python | PYTHON_INSTALLDIR |
| MailEnable | MailServers | MailEnable Mail Server | Installs MailEnable Standard | MAILENABLE_INSTALLDIR |
| DNSSupport | SupportFiles | DNS Servers | Contains MS DNS and BIND support files | |
| AcronisImage Agent | Acronis | True Image Agent | Installs on a remote system to enable access from Acronis True Image Management Console | ACRONIS_TIA_INSTALLDIR |
| MailServers | | Mail Management | Contains Mail Enable Mail Server, WebMail Client and Spam Filtering program | MAILSERVERS_INSTALLDIR |

| | | | | |
|-------------------------|---------------|-----------------------|---|------------------------|
| StarterKits | | ASP.NET Starter Kits | Contains sample ASP.NET applications that provide code to accomplish common Web development tasks | STARTERKITS_INSTALLDIR |
| Statistics | | Statistics | Contains programs intended to analyze Web server log files | |
| CommunitySK | StarterKits | Community Starter Kit | Installs Starter Kit enabling an individual or an ISP to quickly create a community Web site such as a user group site, a developer resource site, or a news site | COMMUNITYSK_INSTALLDIR |
| PDFDoc | Documentation | PDF Format | Installs Parallels Plesk Panel user's guides in PDF format | |
| HTMLDoc | Documentation | HTML Format | Installs Parallels Plesk Panel user's guides in HTML format | |
| PleskSkins | Skins | Plesk | Plesk Blue, Plesk Classic Silver, Plesk Nature, Plesk Sea, Plesk Silver and Plesk Violet | |
| AquaSkin | Skins | Aqua | Aqua and Aqua Compact | |
| WinXPSkins | Skins | WinXP | WinXP Blue, WinXP Reloaded, WinXP Reloaded Compact, WinXP Olivegreen and WinXP Silver | |
| AntiVirus | | Antivirus | Contains Parallels Premium Antivirus and Kaspersky Antivirus programs | |
| AcronisEnterpriseServer | Acronis | Enterprise Server | Installs Acronis True Image Enterprise Server | ACRONIS_TIS_INSTALLDIR |

| | | | | |
|--------------------------|-----------------|---|--|-------------------------|
| AcronisManagementConsole | Acronis | Management Console | Installs Acronis True Image Management Console that helps to install and manage the Acronis True Image Agent on a remote machine: creates partition/disk backups, schedules data backup etc. | ACRONIS_TIC_INSTALLDIR |
| Skins | | Plesk Skins | Installs custom styles of Parallels Plesk Panel interface appearance | |
| Acronis | | BackupSystems | Acronis True Image Enterprise Server contains True Image Management Console, Acronis True Image Agent, and Acronis True Image Enterprise Server | ACRONIS_INSTALLDIR |
| WSBNET | PleskCP | Parallels Plesk Panel Sitebuilder | Installs Web-based WYSIWYG application that allows creating, modifying and updating Web sites | |
| DNSServers | | DNS Servers | Contains BIND DNS Server | DNS_INSTALLDIR |
| MSSQLEXPRESS | DatabaseServers | Microsoft SQL Server 2005 Express Edition | Installs MS SQL Server 2005 Express Edition | MSSQLEXPRESS_INSTALLDIR |
| MSSQL2008 | DatabaseServers | Microsoft SQL Server 2008 Express Edition | Installs MS SQL Server 2008 Express Edition | MSSQL2008_INSTALLDIR |
| ATMail | MailServers | Atmail Webmail Lite | Installs Atmail Webmail Lite | ATMAIL_INSTALLDIR |

Note that some features require other features to be installed. When you install a feature that depends on some other feature, both will be installed. The following table lists such dependencies:

| Dependent feature | Required feature |
|-------------------|------------------|
| Tomcat | JDK |
| AWStats | Perl |
| WebMail | PHP |

| | |
|--------------|------|
| SpamAssassin | Perl |
| WSBNET | PHP |

Updating Earlier Versions of Plesk for Windows to the Latest Version of Parallels Plesk Panel for Windows

If you have an earlier version of Plesk for Windows (for example, Plesk 7.6 for Windows) installed on your server, you can update it to latest version of Parallels Plesk Panel for Windows without losing your data.

Note: While upgrading to Parallels Plesk Panel 9.5 from earlier versions, your license key cannot be upgraded automatically. Install Parallels Plesk Panel 9.5 for Windows with the default license key (allowing to serve only 1 user and 1 domain) and request the upgrade of your license key from your service provider or your Parallels sales representative.

- To learn about updating Plesk version 7.5 and later to the latest Parallels Plesk Panel version through the GUI, refer to the section Updating Plesk Version 7.5 or Later to the Latest Version of Parallels Plesk Panel Through GUI (on page 52).
- To learn about updating Plesk version 7.5 and later to the latest Parallels Plesk Panel version through the command line interface (CLI), refer to the section Updating Plesk Version 7.5 or Later to the latest Version of Parallels Plesk Panel Through the Command Line Interface (on page 53).
- To read about updating Plesk version 7 or earlier to the latest Parallels Plesk Panel version, refer to the section Updating Plesk Version 7 or Earlier to the Latest Version of Parallels Plesk Panel (on page 54).

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| Updating Plesk Version 7.5 or Later to the Latest Version of Parallels Plesk Panel Through the GUI | 52 |
| Updating Plesk Version 7.5 or Later to the Latest Version of Parallels Plesk Panel Through the Command Line Interface | 53 |
| Updating Plesk Version 7 or Earlier to the Latest Version of Parallels Plesk Panel | 54 |

Updating Plesk Version 7.5 or Later to the Latest Version of Parallels Plesk Panel Through the GUI

For more information about updating Plesk version 7 or earlier to the latest Parallels Plesk Panel version, refer to the section Updating Plesk Version 7 or Earlier to the Latest Version of Parallels Plesk Panel (on page 54).

Attention! If you are running Plesk 7.5 or later servers in Parallels Virtuozzo Containers, the update procedure might cause data loss and Parallels Plesk Panel server malfunction. Parallels will not be responsible or liable, directly or indirectly, for any damage or loss caused or alleged to be caused by or in connection with upgrade of Plesk for Windows running in Virtuozzo environment to Parallels Plesk Panel for Windows version 8.1 or later. If you want to update Plesk 7.6 or later servers working in Parallels Virtuozzo Containers to Parallels Plesk Panel 8.1 or later, consult Parallels sales team or support team before doing the update.

➤ ***To update Plesk 7.5 or later to the latest Parallels Plesk Panel version using the GUI:***

1. Log in to your system as Administrator or another user with Administrator privileges.
2. Make sure that you have the Parallels Plesk Panel installation package ready. You can download the required Parallels Plesk Panel installation package from Parallels Web site at <http://www.parallels.com>.
3. Start Parallels Plesk Panel installer by running the `SetupPlesk.exe` file. After checking your system, the installer will display a welcome message of the Update Wizard. Click **Next** > to proceed.
4. The installer will update the existing version of Plesk to the latest Parallels Plesk Panel version. This process will take some time. Click **Finish** to complete the update process.
5. The installer will prompt you to restart your computer. Confirm the restart. Parallels Plesk Panel will start automatically upon the system startup.

Note: Acronis True Image Module is not updated automatically with Parallels Plesk Panel. To update Acronis True Image Module to its latest version, you need to remove the previous version of Acronis True Image Module, and install the latest Acronis True Image Module version. For information about removal of previous Acronis True Image Module version and installation of the latest Acronis True Image Module version, refer to the chapter Modifying Parallels Plesk Panel for Windows (on page 62).

Updating Plesk Version 7.5 or Later to the Latest Version of Parallels Plesk Panel Through the Command Line Interface

For more information about updating Plesk version 7 or earlier to the latest Parallels Plesk Panel version, refer to the section Updating Plesk Version 7 or Earlier to the Latest Version of Parallels Plesk Panel (on page 54).

Attention! If you are running Plesk 7.5 or later servers inside Parallels Virtuozzo Containers, the update procedure might cause data loss and Parallels Plesk Panel server malfunction. Parallels will not be responsible or liable, directly or indirectly, for any damage or loss caused or alleged to be caused by or in connection with upgrade of Plesk for Windows running inside Parallels Virtuozzo Containers to Parallels Plesk Panel for Windows version 8.1 or later. If you want to update Plesk 7.6 or later servers working inside Parallels Virtuozzo Containers to Parallels Plesk Panel 8.1 or later, consult Parallels sales or support team before doing the update.

➤ ***To update Plesk 7.5 or later to the latest Parallels Plesk Panel version:***

1. Log in to your system as Administrator or another user with Administrator privileges.
2. Make sure that you have Parallels Plesk Panel installer ready. You can download the Parallels Plesk Panel installer from Parallels Web site at <http://www.parallels.com>.
3. Open the command line interface (**Start > Run > cmd.exe**).
4. Run the following command to update your version of Plesk to the latest Parallels Plesk Panel version:

```
setupplesk.exe /qb
```

The installer will start updating your version of Plesk to the latest Parallels Plesk Panel version. Note that this process will take some time.

Updating Plesk Version 7 or Earlier to the Latest Version of Parallels Plesk Panel

The procedure of updating Plesk version 7 or earlier to the latest version of Parallels Plesk Panel involves migration and is performed only through the GUI.

➤ ***To update Plesk version 7 or earlier to the latest version of Parallels Plesk Panel:***

1. Download Plesk 7.5.6+ for Windows installer of your choice (Web installer or network installer).
2. Run the installer and follow the onscreen instructions.

The following things should be taken in consideration when migrating data from Plesk 7 or earlier to Plesk 7.5.6+:

- During the migration from Plesk 6.5 for Windows, problems with long user names can appear. Therefore, you must reduce the names of the following users down to 15 characters via the control panel: web users' names, FTP/FrontPage users' names, and subdomain users' names.
 - If you use the option of deleting of all your current data, only data in Plesk is deleted - sites in IIS are not deleted as a fallback measure in case something goes wrong. So, if you do not need them, you must delete them manually after installing Plesk.
 - There also can be issues with file locking during migration if you use some third-party components placed in Plesk installation folders. Therefore, remove all third-party software from Plesk folders before starting the migration. If you need these components, you will have to reinstall them after the migration.
 - If Plesk 7.0 for Windows was installed on Windows 2000 (which has IIS 5.0), but you installed Windows 2003 Server (having IIS 6.0) after that and now want to install Plesk 7.6 for Windows with migration, Plesk installer will not switch IIS 6.0 into the IIS 5.0 compatibility mode, which may cause some issues with sites functioning.
3. After you finish updating Plesk version 7 or earlier to Plesk 7.5.6+, download the latest Parallels Plesk Panel for Windows installer of your choice and update Plesk 7.5.6+ to the latest version of Parallels Plesk Panel.

For more information about updating Plesk version 7.5 and later to the latest version of Parallels Plesk Panel through the GUI, refer to the section [Updating Plesk Version 7.5 or Later to the Latest Version of Parallels Plesk Panel Through the GUI](#) (on page 52).

For more information about updating Plesk version 7.5 and later to latest version of Parallels Plesk Panel through the command line interface (CLI), refer to the section [Updating Plesk Version 7.5 or Later to the Latest Version of Parallels Plesk Panel Through the Command Line Interface](#) (on page 53).

Resolving Post-Installation Issues

If you have both Tomcat and MailEnable Professional installed on your server, it is a conflicting setup, because Tomcat and HTTPMail component of MailEnable Professional use the same port 8080.

➤ ***To resolve this conflict:***


1. Start MailEnable Professional management console (**Start > All Programs > Mail Enable > MailEnable Professional**).
2. In the list of MailEnable properties (on the left), select **MailEnable Management > Servers > localhost > Services > HTTPMail**.
3. Right-click **HTTPMail** and click **Properties**.
4. Change the value in the **HTTPMail Port** field under the **General** tab to a value other than 8080. Make sure that the new value does not coincide with a port used by another program. Typically, setting it to 8081 will not cause any other conflicts.
5. Click **OK** to save changes. Follow the instructions on the screen to complete the conflict resolution.

Refer to Parallels Plesk Panel for Windows Advanced Administration Guide for more information on installing third-party components and resolving other post-installation issues.

Updating Parallels Plesk Panel for Windows

You can easily install the necessary updates and even upgrade your Parallels Plesk Panel to the latest available release using the Updater function within your Parallels Plesk Panel.

➤ ***To update your Parallels Plesk Panel:***

1. Log in to Parallels Plesk Panel.
2. Click **Home** in the navigation pane.
3. Click the  **Updates** icon in the **Help & Support** group.

The Parallels Plesk Panel connects to the Parallels official Parallels Plesk Panel Update server at URL <http://autoinstall.plesk.com>, 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.
4. Select the check boxes corresponding to the updates you wish to install and click **Install**. A confirmation screen appears.
5. Specify your e-mail address. You will be sent a notice by e-mail once update is completed. To confirm installation of the selected updates, select the check box and click **OK**. The updates you selected will be downloaded and automatically installed in the background mode.

You can also install all necessary updates by using external Parallels Plesk Panel Auto Updater utility.

➤ ***To upgrade your Parallels Plesk Panel via Parallels Plesk Panel Auto Updater:***

1. Open the **Start** menu > **All Programs** > **Parallels** > **Plesk** > **Plesk Auto Updater**. Parallels Plesk Panel Auto Updater will connect to the Parallels Web site and retrieve the list of available updates.
2. After Parallels Plesk Panel Auto Updater retrieves the list of available updates from Parallels Web site, select the check boxes corresponding to the components you wish to install.
3. Click **Install**.

Your selected updates will be first downloaded and then installed. Follow the instructions of the Installation Wizard that will guide you through the installation process.

Depending on the importance of installed updates, Parallels Plesk Panel might prompt you to restart your server. It is highly recommended to restart the server, otherwise your Parallels Plesk Panel might not work properly.

Notes on updating procedures:

When upgrading to a new Parallels Plesk 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 components, 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 on the server's hard drive.

All Parallels Plesk Panel operations are suspended during the installation of Parallels Plesk Panel components that affect the Parallels Plesk Panel's core functionality.

In this chapter:

| | |
|--|----|
| Setting Up Parallels Plesk Panel Updater to Notify You About Updates | 58 |
| Configuring Automatic Updates of Your Parallels Plesk Panel | 59 |
| Setting Up a Custom Updates Server for Parallels Plesk Panel Updates | 60 |

Setting Up Parallels Plesk Panel Updater to Notify You About Updates

You can configure Parallels Plesk Panel Auto Updater utility to notify you that updates for your Parallels Plesk Panel are available, so that you know it's time to update your Parallels Plesk Panel.

➤ ***To make the Parallels Plesk Panel Updater utility notify you when Parallels Plesk Panel updates are available:***

1. Open the **Start** menu > **All Programs** > **Parallels** > **Plesk** > **Configure Auto Updater**.
2. Select the **Keep my Parallels Plesk Panel server up to date** check box.
3. In the **Check for updates** and **at** fields select date and time when Parallels Plesk Panel Auto Updater should connect to Parallels Web site and check for updates.
4. Select what should Auto Updater do when it finds that Parallels Plesk Panel updates are available:
 - **Notify me if there are any updates available but do not download and install them automatically** - a notification is sent to you when updates are available, so that you can update Parallels Plesk Panel manually.
 - **Download the updates automatically and notify me when they are ready to be installed** - updates are downloaded automatically in the background; notification is sent to you so that you can update Parallels Plesk Panel manually without downloading the updates.
5. Select notification options in the **Send Notification** section:
 - **To e-mail** - specify the e-mail address to which Parallels Plesk Panel Auto Updater should send the notifications.
 - **From e-mail** - specify the e-mail address from which Parallels Plesk Panel Auto Updater should send the notifications.
 - **Subject** - specify the subject of notification e-mails. The default subject is "The Parallels Plesk Panel Auto Updater notification".
6. Click **Apply**.

Configuring Automatic Updates of Your Parallels Plesk Panel

If you do not want to install updates manually, you can configure Parallels Plesk Panel Auto Updater to download and install updates without your intervention, keeping Parallels Plesk Panel up-to-date automatically.

➤ ***To make Parallels Plesk Panel Auto Updater automatically update your Parallels Plesk Panel:***

1. Open the **Start** menu > **All Programs** > **Parallels** > **Plesk** > **Configure Auto Updater**.
2. Select the **Keep my Parallels Plesk Panel server up to date** check box.
3. In the **Check for updates** and **at** fields select date and time when Parallels Plesk Panel Auto Updater should connect to Parallels web site and check for updates.
4. Select the **Download and install the updates automatically and notify me once they are downloaded and installed** option. The updates will be downloaded and installed automatically, and two notifications will be sent to you, letting you know that updates were downloaded and installed correspondingly.
5. Select notification options in the **Send Notification** section:
 - **To e-mail** - specify the e-mail address to which Parallels Plesk Panel Auto Updater should send the notifications.
 - **From e-mail** - specify the e-mail address from which Parallels Plesk Panel Auto Updater should send the notifications.
 - **Subject** - specify the subject of notification e-mails. The default subject is "The Parallels Plesk Panel Auto Updater notification".
6. Click **Apply**.

Note. You may receive a notice in the notification message saying that a certain update couldn't be installed in silent mode. If you receive such a notice, please update Parallels Plesk Panel manually using the Parallels Plesk Panel Updater.

Setting Up a Custom Updates Server for Parallels Plesk Panel Updates

If you maintain a great number of Parallels Plesk Panel servers, to reduce bandwidth usage, you may want to set up a mirror of the official Parallels Plesk Panel Update server inside your network, and then configure your Parallels Plesk Panel servers to use it.

You can set up a mirror on any networked computer with Linux or Windows operating system and Web server installed. The following instruction provides the steps for setting up a mirror on Windows-based servers:

1. Download the `MirrorManager.exe` utility from Parallels site at www.parallels.com.
2. Copy or move the utility to the server where you want to set up the mirror.
3. Run the utility. The utility retrieves a list of available updates from Parallels server, and shows it in the **Server Configuration File** window.
4. To create a new blank configuration file, click **New file**. Note that you can also make a copy of the configuration file retrieved from Parallels Updates server (shown in the **Server Configuration File** window), and then remove the unwanted updates from the list. To make a copy of the original configuration file, from the **File** menu, select **Duplicate Server Configuration**.
5. To arrange conveniently the windows on the screen, from the **Window** menu, select **Tile Vertically**.
6. Decide which updates you would like to make available from your mirror server, select them in the **Server Configuration File** window, and click **Download**. When prompted, specify the Web server's directory where you want to place updates, such as `C:\Inetpub\vhosts\default\htdocs\Updates`. Click **OK**.
7. From the **Server Configuration File** window, drag the selected updates to the new window on the left.
8. Do the following for each selected update:
 - a Click an update's name in the window to the left.
 - b In the **Packet properties** window, double-click the **Source URL** entry.
 - c Type the URL to your mirror server (for example, `http://example.com/Updates/`) and click **OK**.
 - d Double-click the **Readme URL** entry.
 - e Type the URL to your mirror server (for example, `http://example.com/Updates/`) and click **OK**.

-
9. Click **Save As** and save the configuration file to the Web server's directory C:\inetpub\vhosts\default\htdocs\Updates.
 10. Define the MIME types appropriately:
 - a Go to **Start > Administrative Tools > Internet Information Services (IIS) Manager > Web Sites**, right-click the domain name, select **Properties**, click the **HTTP Headers** tab, and then click the **MIME Types** button.
 - b Click **New**. In the **Extension** box, type `.xml`, in the **MIME type** box, type `application/octet-stream`. Click **OK**.
 - c Click **New**. In the **Extension** box, type `.crd`, in the **MIME type** box, type `application/octet-stream`. Click **OK**.
 - d Click **New**. In the **Extension** box, type `.msp`, in the **MIME type** box, type `application/octet-stream`. Click **OK**.
 - e Click **New**. In the **Extension** box, type `.msi`, in the **MIME type** box, type `application/octet-stream`. Click **OK**.
 - f Click **OK** and close the **Internet Information Services (IIS) Manager**.
 11. Log in to Parallels Plesk Panel and go to **Home > Updates > Automatic Update** tab.
 12. Select the **Automatically update Parallels Plesk Panel** check box, type the network address of your mirror server and click **OK**.

Modifying Parallels Plesk Panel for Windows

Parallels Plesk Panel for Windows distribution comes with a variety of components required for providing various hosting services. When you decide to change your hosting server setup, you can install new components and remove old, redundant ones by modifying Parallels Plesk Panel for Windows installation.

➤ ***To modify Parallels Plesk Panel for Windows installation, adding new components or removing old ones:***

1. Go to **Start > Control Panel > Add or Remove Programs** (**Programs and Features** in Windows 2008) > **Parallels Plesk Panel for Microsoft Windows** and click **Change**.
2. Select **Modify** and click **Next >**.
3. Select the Parallels Plesk Panel components you would like to install or remove and click **Next >**. You can click **Reset** to reset the components selection to the default values.
4. Review the changes you are going to make and click **Install**. You can click < **Back** anytime to return to the previous screen and change your selection, or click **Cancel** to cancel the modification process altogether without saving changes.

Installing Parallels Plesk Panel in Parallels Containers Environment

The section covers only the essential steps that must be performed using Parallels Containers CLI to deploy Parallels Plesk Panel, focused on creating a Container with Parallels Plesk Panel. For further details on Parallels Container CLI, or the Parallels Containers API (XML or SOAP) functionality, refer to the Parallels Containers developer documentation (<http://www.parallels.com/ptn/documentation/virtuozzo/>).

Deploying Parallels Plesk Panel in a Parallels Containers environment implies the following two stages:

1. Installing Parallels Plesk Panel application template on a hardware node.
2. Creating a Container and deploying the application from the template.

The first stage is performed on each hardware node only once: As soon as an application template is installed on a hardware node, it can be deployed to as many Containers as required. Instead of creating a new Container every time you need to deploy a Container with the Panel, there is always an option of cloning an existing Container where the Panel is installed, which acts as a sort of Template Container.

When the template is being installed on a hardware node, the core set of files is deployed, which includes definition of the application packages repository. Then, when the application is installed in a container, Parallels Containers communicates with the repository (default repository for Parallels Plesk Panel for Linux/Unix is Parallels Updates server at <http://autoinstall.plesk.com>) and retrieves the application packages and installs them in the container. The packages are stored in the node cache until it is cleaned up, and then the packages are retrieved from the repository again when the application is installed in the Container. To save up traffic and time, you may want to use a custom mirror of the Panel repository.

➤ **To install the Panel template on a Parallels Containers hardware node:**

1. Obtain the Panel template from the Parallels Web site (<http://www.parallels.com>) and upload it to the target Parallels Containers hardware node.
2. Install application templates of the Panel. If you are installing on Microsoft Windows Server 2003, also install Microsoft .NET Framework v.2.0 or later by issuing a command of the following format:

```
vzpkgdeploy [-q|-v] -i <template-file>
```

where

- `-q` disables logging to the display and to the log file

- `-v` sets the log level to the maximum possible value for this `vzpkgdeploy` session

For example,

```
>vzpkgdeploy -i plesk_9.5.0_20100307.efd
>vzpkgdeploy -i dotnet2.0_frmwk-2.0.50727.42.efd
```

Note: Installing extra template of the .NET Framework is required only on Windows Server 2003 (PVC 4.0, VZ 3.5.1). It is not required on Windows Server 2008 (PVC 4.5).

➤ **To create a new Container and install the Panel into it:**

1. Create a container and, optionally, configure it according to your needs.

Issue the following commands:

```
vzctl create <CTID> --pkgset name [options]
vzctl set <CTID> <setting_name> <value> [--save]
```

where

- `<CTID>` defines an arbitrary container ID number higher than 100, which is unique on the hardware node
- `--pkgset name` denotes the OS template to be used for the Container creation
- `--save` switch tells `vzctl` whether to save changes into the Container configuration file

Note: For details on the Container creation and configuration options, refer to the *Parallels Containers for Windows Reference Guide* located at the Parallels Technology Network (<http://www.parallels.com/ptn/documentation/virtuozzo/>).

For example, the commands below do the following:

- create a Container with ID 444 with IP 192.0.2.44, based on the OS template `w2k3`
- set a disk space limit to 4+ gigabytes, private memory limit to 1 gigabyte and Administrator's password to "P4sSw0rd"
- enable managing the Container using Web browser (by prohibiting offline management with the "`-offline_management no`" option)

Note: It is very important that you set this option exactly as in the example. Otherwise, the Panel will not be accessible through a Web browser.

```
>vzctl create 444 --pkgset w2k3 --ipadd 192.0.2.44
>vzctl set 444 --save--diskspace 4500000 --vprvmem 1024 --
userpasswd Administrator:P4sSw0rd--offline_management no
```

2. Start the newly created Container:

```
>vzctl start <CTID>
```

3. Install the Microsoft .NET framework version 2.0 or later into your Container:

```
vzpkgadd <CTID> <dotnet_template_name>
```

For example,

```
>vzpkgadd 444 dotnet2.0_frmwk-2.0.50727.42/20070613
```

4. Install the Parallels Panel template into the Container:

```
vzpkgadd <CTID> <panel_template_name>
```

For example,

```
>vzpkgadd 444 Plesk_9.5.0_20100307
```

➤ **To clone a Container:**

Issue a command of the following format:

```
vzmlocal -C <CT_List>
```

<CT_List> = <source_CTID>:<dest_CTID>[:<dest_private>] [options]

You should specify the source Container ID (<source_CTID>) and the destination Container ID (<dest_CTID>). Specifying the destination Container private area path (<dest_private>) is optional; it allows you to override the default path of X:\vz\private\<CT_ID>. For details on the command options, refer to the *Parallels Containers for Windows Reference Guide* located at the Parallels Technology Network (<http://www.parallels.com/ptn/documentation/virtuozzo/>).

For example, to clone the Container with the Panel created during the previous procedure:

Upgrading Parallels Plesk Panel in Parallels Containers Environment

```
>vzmlocal -C 444:445
```

Upgrading Parallels Plesk Panel with Standard Templates

➤ **To upgrade Parallels Plesk Panel installed with Standard templates in Parallels Containers environment:**

- install new versions of all previously installed templates
- add new templates if required.

```
>vzpkgadd <CTID> <panel_template_name>
```

For example, if you have Parallels Plesk Panel 9.3.0 installed with the plesk_9.3.0_20091224 template, to upgrade to version 9.5.0 with the plesk_9.5.0_20100307 template, run the following command:

```
>vzpkgadd 444 Plesk_9.5.0_20100307
```

Upgrading Parallels Plesk Panel With Virtuozzo Templates Under PBAs (HSPc)

To upgrade Parallels Plesk Panel in a Parallels Virtuozzo Container created by a hosting plan such as Virtuozzo Container or Plesk Virtual Node, you need to upgrade this hosting plan. Upgrade of a hosting plan depends on whether a Parallels Plesk Panel license is included into it.

➤ ***To upgrade Plesk Virtual Node or Virtuozzo Container hosting plan that doesn't include a Parallels Plesk Panel license:***

1. Go to **Top > Billing Director > Product Manager > Hosting Plans** and select the hosting plan which was used for creating the VPS you want to upgrade.
2. On the **General Settings** tab, click **Clone** to create a clone of the hosting plan.
3. On the **Applications** tab of the clone hosting plan, add templates for a new version of Parallels Plesk Panel. To upgrade the product during the hosting plan upgrade, switch on the core Parallels Plesk Panel template, to which you will upgrade.

Important: Do not delete old Parallels Plesk Panel templates. If you delete the old templates and upgrade to this hosting plan, your previous version of Parallels Plesk Panel will be deleted.

Note: If you use standard templates, in the new hosting plan switch on all the templates of the new version corresponding to switched on templates of the old version.

4. Update other hosting plan settings if required.
5. To upgrade the container, go to the subscription used for the VPS creation: **Top > Account Director > Subscription Manager > Subscriptions > [Container Name] > General Settings > click Change Hosting Plan** and select the newly created hosting plan.

➤ ***To upgrade Plesk Virtual Node or Virtuozzo Container hosting plan that doesn't include a Parallels Plesk Panel license:***

1. Go to **Top > Billing Director > Product Manager > Hosting Plans** and select the hosting plan which was used for creating the VPS you want to upgrade.

2. On the **General Settings** tab, click **Clone** to create a clone of the hosting plan.
3. On the **Applications** tab of the clone hosting plan, add templates for a new version of Parallels Plesk Panel. To upgrade the product during the hosting plan upgrade, switch on the core Parallels Plesk Panel template, to which you will upgrade.

Important: Do not delete old Parallels Plesk Panel templates. If you delete the old templates and upgrade to this hosting plan, your previous version of Parallels Plesk Panel will be deleted.

Note: If you use standard templates, in the new hosting plan switch on all the templates of the new version corresponding to switched on templates of the old version.

4. On the **Licenses** tab of the clone hosting plan, add a license for the new version of Parallels Plesk Panel and delete the license for the old product version.
5. Update other hosting plan settings if required.
6. To upgrade the container, go to the subscription used for the VPS creation: **Top > Account Director > Subscription Manager > Subscriptions > [Container Name] > Billable Items** > open the previous Parallels Plesk Panel version license settings and click **Terminate** to delete the license.
7. Go back to the container subscription and on the **General Settings** tab click **Change Hosting Plan** and select the newly created hosting plan.

When the hosting plan is changed, Parallels Plesk Panel will automatically upgrade with the default license. To obtain a license for the new version of Parallels Plesk Panel, go to the Upgrade Center of PBAs control panel.

Installing Parallels Plesk Panel Suite

The Parallels Plesk Panel Suite includes:

- Parallels Panel
- Parallels SiteBuilder
- Parallels Billing

The Parallels Plesk Panel Suite can be installed in the following ways:

- Through the `SetupPlesk.exe` installer
- With Virtuozzo standard templates in Parallels Containers Environment

➤ ***To install Parallels Plesk Panel for Windows through the installer:***

1. Log in to your system as Administrator, download the required Parallels Plesk Panel installation package from Parallels Web site at <http://www.parallels.com>, and run the Parallels Plesk Panel installer by running the `SetupPlesk.exe` file.
2. Perform the installation steps as described in the Installing Parallels Plesk Panel for Windows section (see page 10). At the components selection step, make sure the **Plesk Core|Sitebuilder for Windows** component is selected.

To install Parallels Plesk Panel Suite in Parallels Virtuozzo Containers with standard templates, install the following templates in the container:

- `plesk-9.5.0.0`
- `sitebuilder_private-4.5.0.182_1.0`

For this installation you will also need to select the following dependencies required templates:

- `msde`
- `dotnet2.0_frmwk-2.0.50727.42`

These templates can be installed in one transaction, the order of templates is important.

➤ ***To install Parallels Plesk Panel for Windows with VZ standard templates:***

1. Obtain a Parallels Plesk Panel template from the Parallels Web site (<http://www.parallels.com>) and upload it to the target Parallels Containers hardware node.
2. Install the application template by issuing a command of the following format:

```
C:\>vzpkgadd 108 dotnet2.0_frmwk-2.0.50727.42 msde
sitebuilder_private-4.5.0.182_1.0 plesk-9.5.0.0
```

➤ **To install Parallels Plesk Billing:**

1. Install Parallels Plesk Panel for Windows with Apache Web Server and MySQL database selected as Parallels Plesk Panel engine components.
2. Download and install Zend Optimizer 3.3.3+ from <http://www.zend.com/>. During installation specify the correct path to `php.ini` and `vhost` root directories.
3. Download the latest available Zend encrypted Parallels Plesk Billing distribution from Parallels website (<http://www.parallels.com/download/plesk/billing/>).
4. Create a domain in Parallels Plesk Panel.
5. Create a MySQL database for created domain in Parallels Plesk Panel and a database user.
6. Unpack Parallels Plesk Billing with preserving file permissions and upload the whole `plesk-billing` directory by ftp to the `httpdocs` (or `httpsdocs`) directory of the created domain.
7. Unzip the fileset. Use special parameters to preserve the file permissions set on the files/folders inside. It is important that `C:\Temp` directory is set with world readable and writable permissions. The `plesk-billing` directory will be created in your web-accessible folder. You may rename this resulting folder to whatever you like.
8. Modify local `php.ini` to uncomment `openssl` extension.
9. Run the installation wizard by going to:

```
http://mycompany.com/plesk-billing/admin/install/
```

where **mycompany.com** is your corporate domain, and `plesk-billing` is the Parallels Plesk Billing directory.

Note: Installation wizard will alert if your system does not meet the minimum requirements. Please read the warnings and meet the necessary requirements or have your system administrator do it.

10. Accept the terms of *End User License Agreement* and click **Continue**.
11. Generate configuration file and enter system information. Choose the way to install configuration file:

- **I will manually edit my config files.** Check it for installation via SSH.
- **Attempt to auto-upload them.** Check it for installation via FTP: enter valid FTP username and password to the server where Parallels Plesk Billing is installed.
- **Attempt to write them directly.** Before checking this option, make this directory writable: `plesk-billing/include/config`.

12. Enter database connection information for Parallels Plesk Billing:

- **Database Type.** Choose one from the drop-down box.
- **Database host, name, username, password.** Enter data you configured during database creation.

13. Enter system path information:

- **Temporary directory.** Write writable directory to store temporary files, for instance `C:\Temp`.

14. Enter the URL to the directory containing Parallels Plesk Billing applications and libraries:

- **HTTP URL.** For example `http://mycompany.com/plesk-billing`.
- **HTTPS URL.** For example `https://mycompany.com/plesk-billing`.
- **SecureURL Protocol.** If you do not have an SSL certificate, select 'http'.

Click the **Save and Continue** button.

15. Copy and save the file that was generated as `config.php` and place it into `plesk-billing/include/config` directory.

- **Skip the cURL test.** On some servers cURL test may cause next pages to hang if cURL cannot be found in its usual location. Checking this option is optional.

16. Test your PHP cURL settings. It will show you all incorrect configuration if there is any.

Note: If PHP cURL test fails, you can't proceed with installation until you fix cURL configuration. As a workaround, go back to Step 16, choose Skip the cURL test and click **Continue**.

17. Validate the license for your domain. Enter your domain URL, for example: `mycompany.com`. Please note that `www.mycompany.com` and `mycompany.com` is not the same domain.

- **License Token.** To get the License Token, log into the Parallels Plesk Billing Client's area from `http://www.pleskbilling.com` with the credentials you used to purchase the Parallels Plesk Billing package, click **Manage** near necessary package and click the **Generate License** link. Copy and paste the License Token on the wizard screen and click **Continue** to proceed.
- **Install the Free Version.** The free version is a fully functional Parallels Plesk Billing with limit of 10 clients. You can upgrade your license from free version at any time after installation.

18. Enter Parallels Plesk Billing administrator information: admin, username and password to enter Parallels Plesk Billing as administrator, your first and last name and administrator e-mail (for example `admin@mycompany.com`).
19. Enter company information that will be used in billing, clients' invoices and accounting. Click **Continue** to start building database.
20. When the installation wizard is complete, remove the 'install' directory before you start using the product.

Removing Parallels Plesk Panel for Windows

➤ ***To remove Parallels Plesk Panel for Windows:***

1. Log in to your system as Administrator or another user with Administrator privileges.
2. Go to **Start > Control Panel > Add or Remove Programs (Programs and Features in Windows 2008)**.
3. Select **Parallels Plesk Panel for Microsoft Windows** and click **Remove**.
4. You will be asked whether you really want to remove Parallels Plesk Panel for Windows. Confirm the removal by clicking **Yes**. After Parallels Plesk Panel is removed from your server, the restart confirmation will appear. Confirm the restart to finish the removal process.