

# **Cube Panel**

## **Cube Panel Linux Installation**

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**CONTENTS**

Fedora Core 7 ..... 4

- 1. Update system ..... 4
- 2. Install required modules for the installation..... 4
- 3. Installation..... 4
- 4. Access to Cube Panel..... 5

Fedora Core 5 ..... 6

- 1. Update system ..... 6
- 2. Install required modules for the installation..... 6
- 3. Installation..... 6
- 4. Access to Cube Panel..... 7

Fedora Core 3 ..... 8

- Required modules for the installation ..... 8
- Installation ..... 8
- Access to Cube Panel ..... 8

Red Hat Enterprise 5..... 9

- 1. Update system ..... 9
- 2. Install required modules for the installation..... 9
- 3. Cube Panel Installation ..... 9
- 4. Access to Cube Panel.....10

Red Hat Enterprise 4.....11

- 1. Update system .....11
- 2. Install required modules for the installation.....11
- 3. Cube Panel Installation .....11
- 4. Access to Cube Panel.....12

Red Hat Enterprise 3.....13

- Installing system packages .....13
- Cube Panel Installation.....14
- Access to Cube Panel .....14

Red Hat 5 Clone Distributions.....15

- Installing system packages .....15
- Cube Panel Installation.....15
- Access to Cube Panel .....16

Red Hat 4 Clone Distributions.....17

- Installing system packages .....17
- Cube Panel Installation.....17
- Access to Cube Panel .....18

Red Hat 3 Clone distributions .....19

- Installing system packages .....19
- Cube Panel installation .....19
- Access to Cube Panel .....20

## Fedora Core 7

### 1. Update system

```
yum -y update
```

### 2. Install required modules for the installation

```
yum -y install sharutils perl python vsftpd httpd mod_ssl php  
php-mysql mysql perl-Crypt-SSLeay awstats mysql-server bind-  
chroot spamassassin squirrelmail cyrus-imapd cyrus-imapd-utils  
libc-client2006 perl-XML-Simple bind patch binutils libxslt  
perl-Archive-Tar perl-Archive-Zip perl-Authen-SASL perl-  
BerkeleyDB perl-Bit-Vector perl-Carp-Clan perl-Compress-Zlib  
perl-Convert-ASN1 perl-Convert-BinHex perl-Convert-TNEF perl-  
Convert-UUlib perl-Date-Calc perl-DateManip perl-DBD-SQLite  
perl-File-Slurp perl-FreezeThaw perl-IO-Socket-SSL perl-IO-  
stringy perl-IO-Zlib perl-libwww-perl perl-Mail-SPF-Query perl-  
MailTools perl-MIME-Lite perl-MIME-tools perl-MLDBM perl-Net-  
CIDR-Lite perl-Net-Server perl-Net-SSLeay perl-Razor-Agent perl-  
SOAP-Lite perl-TimeDate perl-Unix-Syslog perl-URI amavisd-new  
clamav clamav-data clamav-lib clamav-server clamav-update arc  
cabextract distcache fedora-usermgmt freeze lzo lzop ncompress  
nomarch postfix postgresql-libs yum caching-nameserver php-pear  
compat-db curl-devel libc-client2006 php-cli postgresql  
postgresql-libs postgresql-server php-pgsql perl-LDAP arj
```

### 3. Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.  
The following information will be asked:
  - Main IP of the computer.
  - Hostname.
  - Domainname.
  - Installation directory.
  - Administrator password (required to manage the panel).
  - Administrator email.
  - Language: English, Spanish, German, French or Portuguese
  - MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

#### **4. Access to Cube Panel**

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Fedora Core 5

### 1. Update system

```
yum -y update
```

### 2. Install required modules for the installation

```
yum -y install sharutils perl python httpd mod_ssl php php-mysql  
mysql perl-Crypt-SSLeay awstats mysql-server bind-chroot  
spamassassin cyrus-imapd cyrus-imapd-utils libc-client perl-XML-  
Simple bind patch binutils libxslt perl-Archive-Tar perl-  
Archive-Zip perl-Authen-SASL perl-BerkeleyDB perl-Bit-Vector  
perl-Carp-Clan perl-Compress-Zlib perl-Convert-ASN1 perl-  
Convert-BinHex perl-Convert-TNEF perl-Convert-UUlib perl-Date-  
Calc perl-DateManip perl-DBD-SQLite perl-File-Slurp perl-  
FreezeThaw perl-IO-Socket-SSL perl-IO-stringy perl-IO-Zlib perl-  
libwww-perl perl-Mail-SPF-Query perl-MailTools perl-MIME-Lite  
perl-MIME-tools perl-MLDBM perl-Net-CIDR-Lite perl-Net-Server  
perl-Net-SSLeay perl-Razor-Agent perl-SOAP-Lite perl-TimeDate  
perl-Unix-Syslog perl-URI amavisd-new clamav clamav-data clamav-  
lib clamav-server clamav-update arc cabextract distcache fedora-  
usermgmt freeze lha lzo lzop ncompress nomarch postfix postfix-  
pflogsumm postgresql-libs yum caching-nameserver postgresql  
postgresql-server postgresql-libs php-pgsql squirrelmail libc-  
client libtool-ltdl
```

### 3. Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.  
The following information will be asked:
  - Main IP of the computer.
  - Hostname.
  - Domainname.
  - Installation directory.
  - Administrator password (required to manage the panel).
  - Administrator email.
  - Language: English, Spanish, German, French or Portuguese
  - MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

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After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
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```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Fedora Core 3

### Required modules for the installation

```
yum -y install sharutils perl python vsftpd httpd mod_ssl php  
php-mysql mysql mysql-server bind bind-chroot spamassassin  
squirrelmail cyrus-imapd cyrus-imapd-utils patch perl-Crypt-  
SSLeay postgresql postgresql-server postgresql-libs php-pgsql  
libtool-libs libc-client php-mbstring
```

### Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.  
The following information will be asked:
  - Main IP of the computer.
  - Hostname.
  - Domainname.
  - Installation directory.
  - Administrator password (required to manage the panel).
  - Administrator email.
  - Language: English, Spanish, German, French or Portuguese
  - MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

### Access to Cube Panel

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Red Hat Enterprise 5

### 1. Update system

```
up2date -u
```

### 2. Install required modules for the installation

Before installing the required modules it is necessary to install an extra repository.

```
rpm --import http://dries.ulyssis.org/ayo/RPM-GPG-KEY.dries.txt
```

now add at the end of the file

```
/etc/yum.repos.d/dries.repo
```

the following lines:

```
[dries]
name=Extra Fedora rpms dries - $releasever - $basearch
baseurl=http://ftp.belnet.be/packages/dries.ulyssis.org/redhat/e
15/en/i386/dries/RPMS
```

You can now install the required modules.

```
yum -y install vsftpd apr apr-util curl distcache httpd libidn
mod_ssl mysql patch perl-DBI perl-Digest-HMAC perl-Digest-SHA1
perl-HTML-Parser perl-HTML-Tagset perl-libwww-perl perl-Net-DNS
perl-URI php php-mysql php-pear spamassassin bind bind-chroot
cyrus-imapd cyrus-imapd-utils mysql-server perl-Bit-Vector perl-
Cyrus perl-Date-Calc perl-DBD-MySQL postfix postfix-pflogsumm
sharutils squirrelmail ncompress perl-Crypt-SSLeay perl-XML-
Parser perl-XML-SAX postgresql postgresql-server postgresql-libs
php-pgsql libc-client perl-XML-Simple postgresql-python libc-
client libtool-ltdl perl-Net-LDAP perl-DBD-SQLite perl-Authen-
SASL
```

### 3. Cube Panel Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.

The following information will be asked:

- Main IP of the computer.
- Hostname.
- Domainname.
- Installation directory.

- Administrator password (required to manage the panel).
- Administrator email.
- Language: English, Spanish, German, French or Portuguese
- MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

#### **4. Access to Cube Panel**

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Red Hat Enterprise 4

Install RHEL4 with minimal components and SELinux disabled.

Once you have a working system you have to install several packages. Register with Red Hat Network so you can use up2date.

### 1. Update system

```
up2date -u
```

### 2. Install required modules for the installation

```
up2date -p vsftpd apr apr-util curl distcache httpd httpd-suexec  
libidn mod_ssl mysql patch perl-DBI perl-Digest-HMAC perl-  
Digest-SHA1 perl-HTML-Parser perl-HTML-Tagset perl-libwww-perl  
perl-Net-DNS perl-URI php php-mysql php-pear spamassassin  
mysqlclient10 bind bind-chroot cyrus-imapd cyrus-imapd-utils  
mysql-server perl-Bit-Vector perl-Cyrus perl-Date-Calc perl-DBD-  
MySQL postfix postfix-pflogsumm sharutils squirrelmail ncompress  
perl-Crypt-SSLeay perl-Time-HiRes perl-XML-Parser perl-XML-SAX  
postgresql postgresql-server postgresql-libs php-pgsql lib-  
client libtool-libs
```

### 3. Cube Panel Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.  
The following information will be asked:
  - Main IP of the computer.
  - Hostname.
  - Domainname.
  - Installation directory.
  - Administrator password (required to manage the panel).
  - Administrator email.
  - Language: English, Spanish, German, French or Portuguese
  - MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

#### **4. Access to Cube Panel**

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Red Hat Enterprise 3

### Installing system packages

The preferred way to install RHEL3 is with the minimal components. Once you have a working system you should install several packages. If you have configured your subscription with Red Hat Network you can use up2date. Also you can get them from RHEL3 installation CD's. Copy all packages to a directory:

```
up2date -p bind vsftpd libcap libxml2 patch perl-CGI perl-DateManip perl-HTML-Parser perl-HTML-Tagset perl-libwww-perl perl-URI curl db4-utils httpd mod_ssl mysql perl-DBD-MySQL perl-DB_File perl-DBI perl-Digest-HMAC perl-Digest-SHA1 perl-Net-DNS perl-Time-HiRes postfix spamassassin squirrelmail
```

#### CD 1

```
bind-9.2.2-21.i386.rpm
vsftpd-1.2.0-4.i386.rpm
```

#### CD 2

```
libcap-1.10-15.i386.rpm
libxml2-2.5.10-5.i386.rpm
patch-2.5.4-16.i386.rpm
perl-CGI-2.81-88.4.i386.rpm
perl-DateManip-5.40-30.noarch.rpm
perl-HTML-Parser-3.26-17.i386.rpm
perl-HTML-Tagset-3.03-28.noarch.rpm
perl-libwww-perl-5.65-6.noarch.rpm
perl-URI-1.21-7.noarch.rpm
```

#### CD 3

```
curl-7.10.6-4.1.i386.rpm
db4-utils-4.1.25-8.i386.rpm
httpd-2.0.46-25.ent.i386.rpm
```

```
mod_ssl-2.0.46-25.ent.i386.rpm
mysql-3.23.58-1.i386.rpm
perl-DBD-MySQL-2.1021-3.i386.rpm
perl-DB_File-1.804-88.4.i386.rpm
perl-DBI-1.32-5.i386.rpm
perl-Digest-HMAC-1.01-11.1.noarch.rpm
perl-Digest-SHA1-2.01-15.1.i386.rpm
perl-Net-DNS-0.31-3.1.noarch.rpm
perl-Time-HiRes-1.38-3.i386.rpm
php-4.3.2-8.ent.i386.rpm
php-mysql-4.3.2-8.ent.i386.rpm
postfix-2.0.11-4.i386.rpm
spamassassin-2.55-3.1.i386.rpm
squirrelmail-1.2.11-1.noarch.rpm
```

Execute this command to install the packages from the directory where you copied them:

```
rpm -U *
```

If you are installing on a non-minimal RHEL3, maybe some of them could be already installed. Remove this packages from directory and try again to execute "rpm -U".

After finishing installation, install the following packages. You can download them using 'up2date' or from any site (RHEL3 mirror).

```
php-4.3.11-1.1.rhel3.ct.i386.rpm
```

php-mbstring-4.3.11-1.1.rhel3.ct.i386.rpm  
php-mysql-4.3.11-1.1.rhel3.ct.i386.rpm  
php-pgsql-4.3.11-1.1.rhel3.ct.i386.rpm

rh-postgresql-7.3.19-1.i386.rpm  
rh-postgresql-libs-7.3.19-1.i386.rpm  
rh-postgresql-server-7.3.19-1.i386.rpm

libxslt1-1.0.33-2sls.i586.rpm  
distcache-debuginfo-0.4.2-9.3.i386.rpm

## Cube Panel Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.  
The following information will be asked:
  - Main IP of the computer.
  - Hostname.
  - Domainname.
  - Installation directory.
  - Administrator password (required to manage the panel).
  - Administrator email.
  - Language: English, Spanish, German, French or Portuguese
  - MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

## Access to Cube Panel

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Red Hat 5 Clone Distributions

### Installing system packages

If you are configuring a new server, we recommend you to do a "minimal installation" and disable "SeLinux". Once you have a RHEL5 (clone) system working, you can proceed to install additional packages.

If your Linux distribution manage packages with yum, execute these commands:

[CentOS 5 example]

```
yum -y update
```

```
yum -y install vsftpd apr apr-util curl distcache httpd libidn  
mod_ssl mysql patch perl-DBI perl-Digest-HMAC perl-Digest-SHA1  
perl-HTML-Parser perl-HTML-Tagset perl-libwww-perl perl-Net-DNS  
perl-URI php php-mysql php-pear spamassassin bind bind-chroot  
cyrus-imapd cyrus-imapd-utils mysql-server perl-Bit-Vector perl-  
Cyrus perl-Date-Calc perl-DBD-MySQL postfix postfix-pflogsumm  
sharutils squirrelmail ncompress perl-Crypt-SSLeay perl-XML-  
Parser perl-XML-SAX postgresql postgresql-server postgresql-libs  
php-pgsql libc-client perl-XML-Simple postgresql-python libc-  
client libtool-ltdl perl-Net-LDAP perl-DBD-SQLite perl-Authen-  
SASL
```

### Cube Panel Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.

The following information will be asked:

- Main IP of the computer.
  - Hostname.
  - Domainname.
  - Installation directory.
  - Administrator password (required to manage the panel).
  - Administrator email.
  - Language: English, Spanish, German, French or Portuguese
  - MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

### **Access to Cube Panel**

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Red Hat 4 Clone Distributions

### Installing system packages

If you are configuring a new server, we recommend you to do a "minimal installation" and disable "SeLinux". Once you have a RHEL4 (clone) system working, you can proceed to install additional packages.

If your Linux distribution manage packages with yum, execute these commands:

[CentOS 4 example]

```
yum -y update
```

```
yum install vsftpd apr apr-util curl distcache httpd httpd-suexec  
libidn mod_ssl mysql patch perl-DBI perl-Digest-HMAC perl-Digest-  
SHA1 perl-HTML-Parser perl-HTML-Tagset perl-libwww-perl perl-Net-  
DNS perl-URI php php-mysql php-pear spamassassin mysqlclient10 bind  
bind-chroot cyrus-imapd cyrus-imapd-utils mysql-server perl-Bit-  
Vector perl-Cyrus perl-Date-Calc perl-DBD-MySQL postfix postfix-  
pflogsumm sharutils squirrelmail ncompress perl-Crypt-SSLeay perl-  
Time-HiRes perl-XML-Parser perl-XML-SAX postgresql postgresql-  
server postgresql-libs php-pgsql libc-client libtool-libs
```

### Cube Panel Installation

You must execute the **.shar** package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.  
The following information will be asked:
  - Main IP of the computer.
  - Hostname.
  - Domainname.
  - Installation directory.
  - Administrator password (required to manage the panel).
  - Administrator email.
  - Language: English, Spanish, German, French or Portuguese
  - MySQL password. The password, if you have, of the MySQL root user.
- Afterwards, the necessary modules will be installed. These modules are included in the installation package and the panel will be unpacked in the selected folder.

### **Access to Cube Panel**

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.

## Red Hat 3 Clone distributions

### Installing system packages

If your Linux distribution manage packages with yum, execute these commands:

[CentOS 3 example]

```
rpm --import /usr/share/doc/centos-release-3/RPM-GPG-KEY
rpm --import /usr/share/doc/centos-release-3/RPM-GPG-KEY-CentOS-3

yum install bind vsftpd libcap libxml2 patch perl-CGI perl-
DateManip perl-HTML-Parser perl-HTML-Tagset perl-libwww-perl perl-
URI curl db4-utils httpd mod_ssl mysql perl-DBD-MySQL perl-DB_File
perl-DBI perl-Digest-HMAC perl-Digest-SHA1 perl-Net-DNS perl-Time-
HiRes postfix spamassassin squirrelmail
```

Then install the following packages. They can be downloaded using 'up2date' or from any other site (RHEL3 mirror).

```
php-4.3.11-1.1.rhel3.ct.i386.rpm
php-mbstring-4.3.11-1.1.rhel3.ct.i386.rpm
php-mysql-4.3.11-1.1.rhel3.ct.i386.rpm
php-pgsql-4.3.11-1.1.rhel3.ct.i386.rpm

rh-postgresql-7.3.19-1.i386.rpm
rh-postgresql-libs-7.3.19-1.i386.rpm
rh-postgresql-server-7.3.19-1.i386.rpm

libxslt1-1.0.33-2s1s.i586.rpm
distcache-debuginfo-0.4.2-9.3.i386.rpm
```

Some clones of RHEL3 deploys apt-get instead of yum to manage system packages. In this case, execute this command:

```
apt-get install bind vsftpd libcap libxml2 patch perl-CGI perl-
DateManip perl-HTML-Parser perl-HTML-Tagset perl-libwww-perl perl-
URI curl db4-utils httpd mod_ssl mysql perl-DBD-MySQL perl-DB_File
perl-DBI perl-Digest-HMAC perl-Digest-SHA1 perl-Net-DNS perl-Time-
HiRes postfix spamassassin squirrelmail
```

### Cube Panel installation

You must execute the .shar package:

```
sh cubepanel_installer.shar
```

...and follow the indicated steps.

- First, the required packages are checked and the necessary parameters for the installation are retrieved.

The following information will be asked:

- Main IP of the computer.
- Hostname.
- Domainname.
- Installation directory.
- Administrator password (required to manage the panel).
- Administrator email.

- Language: English, Spanish, German, French or Portuguese
- MySQL password. The password, if you have, of the MySQL root user.
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### **Access to Cube Panel**

After the installation of Cube Panel, you can access to the program to administer your server from any browser with the URL:

```
https://SERVER_IP:8443
```

where *SERVER\_IP* is the IP indicated during the installation process.

- In this address you will be asked an user name and a password.
- To access as administrator, use the 'admin' login and the panel password you introduced during the installation process. Afterwards, you can change these values from the application, if you want.
- Once you have added your clients and domains, they can access using the previous URL with their own data (client name or domain and password). Each type of user (client or domain) will manage only the options he has available.