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## **How to access with Putty and Winscp to a VoIP server ?**

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### **Presentation of WinScp and Putty**

We invite you to print this document  
If in doubt, do not hesitate to seek assistance with Teamviewer  
(preferably by appointment via gmail)

We invite you to test first on a testing machine  
having Linux CentOs 6.x before to take action on a voip server in real production.

We take care to configure the servers of our partners right after the installation  
of programs produced by Kolmisoft.

We currently have over 60 servers to manage VoIP, and are obligated to  
release us from the simplest actions of our partners.

### **Presentation of WinScp and Putty**

The two programs to access a Windows computer to your VoIP server are  
WinSCP and Putty.

It is important to use them both because they are complementary. Here are  
the links for download:

Link for WINSCP

<http://winscp.net/eng/download.php>

Link for PUTTY :

<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

<b>WINSCP</b>	<b>PUTTY</b>
Advantages: Easy to use for Windows users Disadvantages: You can not run linux commands that require additional input. (such as <b>mysql</b> or <b>asterisk-r</b> )	Advantages: Allows you to run all commands in linux  Disadvantages: To travel easily inside the hard drive of your VoIP server, Midnight Commander, which is activated by the command linux <b>mc</b>

To use these two programs after they are installed, indicate the IP of your VoIP server, the SSH port number, enter **root** as login and enter your password.

Do not click a button "Save" if you use these programs on your personal computer, never on the computer of someone else, especially not in a cybercafe or a phoneshop !

You can use simustaneoulsy Putty and WinScp from the same computer on the same VoIP Server.

And then?

In both cases, you will findyourselves in the folder "**root**" of the hard drive of your VoIP server

WinSCP is easier to use for beginners who are already familiar with Windows,

Putty provides a command interface linux, is less easy to use, but provides access to large files without having to download them, that WinSCP always do.

(For Dummies, run a command linux, this is done as in MS-DOS in Windows, except for a tiny caracter should remain tiny and capital letters should remain capitalized!)

## Going straight to the point, and examine the configuration file of fail2ban "jail.conf"

WINSCP	PUTTY
And then ?	And then ?
<p>The left window shows your local PC, the right window shows the contents of your VoIP server</p> <p>(Directories are in yellow, single files with various extensions are in gray)</p> <p>To go back to the top of the root of your VoIP server, double click on the top two dots</p> <p>You will see:</p> <p><b>bin</b>  <b>boot</b>  <b>cgroup</b>  <b>dev</b>  <b>etc</b>  <b>home</b>  <b>...and numerous directories...</b>  <b>usr</b>  <b>var</b></p>	<p>Your screen goes black and shows a request to launch a command line, just as in MS-DOS</p> <p>To explore the contents of your VoIP server, type <b>mc</b> then type on "Enter"</p> <p>(To exit the browser, press <b>F10</b> on your keyboard)</p> <p>You will see two blue windows, in the windows of the right side, go up with your keyboard arrows and then double-click on top on the two dots ..</p> <p>You will see :</p> <p><b>bin</b>  <b>boot</b>  <b>cgroup</b>  <b>dev</b>  <b>etc</b>  <b>home</b>  <b>...and numerous directories...</b>  <b>usr</b>  <b>var</b></p>

## Some usual cautions

Have a look sometimes at the capacity of your hard(s) disk(s) and the memory charges of your server

Type **df-ah**

This will show you the total capacity of your hard disk and his free space. (It is not recommended to have only 10% of free space)

Type **free**

Is you see that swapping is important, it means that the memory of your server was momentarily overloaded, and use a portion of the hard disk as virtual memory.

---> Restart the server each morning would be good (see required pdf)

Technical note written by Jean-Marc LAMBERT [www.specialistes.be](http://www.specialistes.be)

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by sending us your comments by email me.  
(see my email on top of the docuement)*