

Cloning Mizu VOIP Server

A step by step guide to clone/install mizu voip server

For a new server you basically just have to copy the application files and the database and change a few settings.

1. Backup the current database [on the old server]

- Launch “sql management console”
- Right click on your database and select tasks->backup
- On the “Destination” section click on “remove” if you something is already there and then click “add” and select the path for the backup file.
- Click ok
- copy the database backup to the new server

2. Install ms-sql server [on the new server]

- Full or express edition from <http://www.microsoft.com/Sqlserver/2005/en/us/express.aspx>
You can also download http://www.mizu-softphone.com/Portals/0/Files/MizuServer_Setup_WithSQL.exe . This package contains the ms-sql express database and also the sql management console
You also have the database install packages in the mizuserverutils directory on the server
- During install, select “mixed” authentication mode and enter a password for the “sa” user

3. Copy all files from the “MizuServer” directory to the new location

- Default directory is c:\MizuServer
- Don’t copy the log files (log_date_vservdebuglog.dat files) and the dbdata directory
- Change the database access in the mizuserver.ini and/or the vserver.ini under the [database] section.
- Current port is 2223 but on a new ms-sql database you will have port 1433 (default ms-sql port)

Example:

```
[database]
location=192.168.0.2
port=1433
name=mizuserver
username=sa
password=xxxxx
```

4. Create a new database [on the new server]

- Launch “sql management console”
- Right click on databases and select “new database”
- Type any name (for example “mizuserver”)
- You can optimize the workload by selecting different hard disk for the data and the log files
- On the options page -> recovery model: select “simple”
- Click on ok

5. Windows firewall configuration [on the new server]

- Enable sqlsrv.exe, and vserver.exe on the windows firewall if you are using it

6. Restore the database [on the new server]

- Launch “sql management console”
- Right click on your database and select tasks->restore->database
- In the “source for restore” section select “from device” then select the backup file
- Check the checkbox
- On the options page check the “overwrite...” checkbox
- In the “restore the database file as” section -> restore as column select the already existing data and log files.
- Click on ok

7. Install the remote management application [on the new server]

- Launch the MizuManagement_Setup.exe setup package

8. Server configuration [on the new server]

- The most important configuration is the new IP address
- Launch the mizumanager application
- Open Other->configuration
- Type “LocalIP” in the search box
- Rewrite the “Value” to the new IP

9. Reset the database [on the new server]

- This step is optional and will delete your users, cdr records and server configuration. Use it only for new server instances (not for cloning)
- To have a clean install, you can just delete the content of the database tables.
You can do it from MizuManager -> Tools menu ->Advanced -> Clean Database Tables

10. Install and start the service [on the new server]

- To install the service you just have to launch the server with the “/install” parameter.
Launch the command prompt (start menu -> run -> type “cmd”)
Enter path\vserver.exe \install
A dialog box must appear to confirm the successful registration
- You should see it under the services (start menu -> administrative tools -> services) and you can start it.
- To start the server you can also use the “start.bat” file from the application directory

For more help, contact support@mizutech.hu