# Installing and updating SpotCafe Server

## If SpotCafe Server was never installed on the server computer, follow these steps:

* Make sure you have MS SQL Server installed and running and user and password for its administrator
* Download Node version 9+ from <https://nodejs.org> and install it
* Create a folder for the server application and extract the contents of “Spotcafe.Server.zip” file into that folder
* Open command prompt, navigate to the “server” subfolder and type “npm install” and press Enter – this could take some time to download Node modules from internet
* - If you don’t have database created and configured on the MS SQL Server and want SpotCafe Server to create it, follow these steps:
  + Navigate to “server/config” folder and open the file ”storage.json” – change “username” and “password” to the username and password of the MS SQL Server administrator user (or user that has enough access rights to create new database on the MS SQL Server), “server” to the IP address or host name of the computer where MS SQL Server is running, “database” to database name that will be created and used by Spotcafe Server. Save the “storage.json” file
  + Open command prompt, navigate to “server” folder and type “node index --create-storage --app-administrator-password=123456” – change “123456” with the password of the administrator user for Spotcafe application – if everything is OK you should see line in the console saying “App started”. Press CTRL+C to stop the server.
  + Optional but recommended steps:
    - Create new login user (SQL Server Authentication) in MS SQL Server and map it as owner of the created database, that was set in storage.json file
    - Open storage.json file and change “username” and “password” to the values for the created MS SQL login user and save the file
* If you already have database on the MS SQL Server and a SQL Server Authentication login configured as owner of the database, follow these steps:
  + Make sure the database is empty
  + Navigate to “server/config” folder and open the file “storage.json” – change “username” and “password” to the username and password configured on the MS SQL Server as database owner, “server” to the IP address or host name of the computer where MS SQL Server is running, “database” to the name of the already existing database. Save the “storage.json” file
  + Open command prompt, navigate to “server” folder and type “node index –app-administrator-password=123456” – change “123456” with the password of the administrator user for Spotcafe application - if everything is OK you should see line in the console saying “App started”. Press CTRL+X to stop the server.
* Now the database is created and starting server requires only typing “node index” and pressing Enter

Spotcafe server uses test certificate for HTTPS communication. If you have your own certificate, place its “cert.pem” and “key.pem” files in “server/config” folder.

## If the service was already installed before, follow these steps to update it:

* If the SpotCafe Server is running, stop it by pressing CTRL+C
* Make backup of current folders and files
* Extract the contents of “Spotcafe.Server.zip” file in the folder where “server”, “shared” and “web” folders are - overwrite files and folders
* Open command prompt, navigate to “server” folder and type “npm install”
* Start the server by typing “node index”