**Run FTPHandler Application in CentOS**

***\*\*\*\*Open Terminal\*\*\*\****

**Step1:** Update System Packages

**CMD:** sudo yum update -y

**Step2:** Install .NET SDK 6

**CMD1:** sudo rpm -Uvh <https://packages.microsoft.com/config/centos/7/packages-microsoft-prod.rpm>

**CMD2:** sudo yum install -y dotnet-sdk-6.0

***\*\*\*\*\*Run the project as startup\*\*\*\*\****

**Step1:** Create the Service File

**CMD:** sudo nano /etc/systemd/system/ftpservice.service

**Step2:** Define the Service and add the content to the service file.

**CMD:**

[Unit]

Description=FTPService .NET Application

After=network.target

[Service]

WorkingDirectory=/home/user/FTPHandlerPublish/FTPService

ExecStart=/usr/bin/dotnet /home/user/FTPHandlerPublish/FTPService/ FTPHandlerService.dll

Restart=always

# Restart service after 10 seconds if the dotnet service crashes:

RestartSec=10

KillSignal=SIGINT

SyslogIdentifier=dotnet-ftpservice

User=user

Environment=ASPNETCORE\_ENVIRONMENT=Production

Environment=DOTNET\_PRINT\_TELEMETRY\_MESSAGE=false

[Install]

WantedBy=multi-user.target

WorkingDirectory - is the path to your application's directory.

ExecStart - specifies the command to run your application. Make sure to replace FTPHandlerService.dll with the actual name of your compiled DLL.

User - should be the username that you want the service to run under.

**Step3:** Reload Systemd

**CMD:** sudo systemctl daemon-reload

**Step4:** Enable the service to start on boot.

**CMD:** sudo systemctl enable ftpservice.service

**Step5:** Start the service immediately.

**CMD:** sudo systemctl start ftpservice.service

**Step6:** Check the status and verify that the service is running.

**CMD:** sudo systemctl status ftpservice.service

***\*\*\*\* To stop the service, you created in your machine, you can use the systemctl command. Here are the steps: \*\*\*\****

**Step1:** Stop the Service

**CMD:** sudo systemctl stop ftpservice.service

**Step2:** Disable the Service from starting automatically at boot

**CMD:** sudo systemctl disable ftpservice.service

**Step3:** Check the status to confirm that the service is stopped.

**CMD:** sudo systemctl status ftpservice.service

**Step4:** If you want to completely remove the service file, you can delete it (optional).

**CMD:** sudo rm /etc/systemd/system/ftpservice.service

**CMD:** sudo systemctl daemon-reload