## Start Backend Server

## Server Start

1. Start service
   1. Start Flask server
      1. Run change server settings
2. Start StableDiffusion server

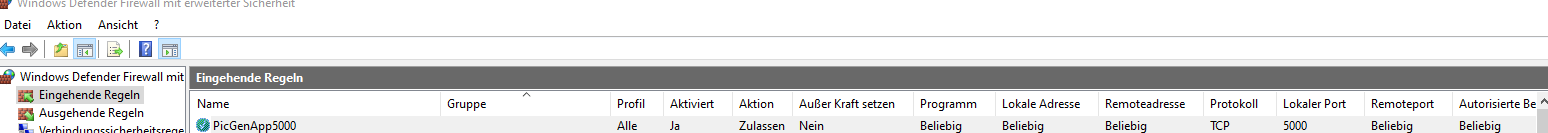
## Windows Service

## Flask Server

To run the Flask server, you need to start it in a virtual environment

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| Start Virtual Env |
| *TBD – start virtual env*  *Cd python*  *Python api.py* |

Note: if the server is running on local host and you want to access it on own pc. Open the port in the firewall:



## Picture Generation Server

The server used is part of Automatic1111 webui. For the web UI a FastAPI interface is used with a full backend integration.

Automatic1111 main repository: <https://github.com/AUTOMATIC1111/stable-diffusion-webui>

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| Start Server |
| *CD into main stable diffesuin folder of Automatic1111*  *Run: C:\...\StableDiffusion>python launch.py --nowebui --listen* |

To check the interfaces on local machine

## Modify BE settings

Run changeBackenSettings.py to switch the model of the server.

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| Modify settings |
| cd python  python changeBackenSettings.py |