

# TightGate-Pro: Upload backups to a Windows server

If you would like to automatically upload a backup of TightGate-Pro to a Windows server, you will find brief instructions below on which configuration steps you should pay attention to.

## On the Windows server

### Install OpenSSH server

Check whether the OpenSSH server is installed. To do this under **Settings > Apps > Optional features** and there under **Installed features** the value **openSSH** under Installed features. In the list, the **OpenSSH server** should be displayed as an installed feature in the list. If this is not the case, select **Add feature** and search for the **OpenSSH server** select it and have it installed.

Next, check the OpenSSH status using the powershell:

```
Get-Service *ssh*
```

If the two services **ssh-agent** and **sshd** are set to **Stopped** activate them with the following commands:

```
Start service sshd  
Start service ssh-agent
```

### Check firewall

In addition, please ensure that the Windows Firewall/Windows Defender allows an incoming rule for port 22 from TightGate-Pro.

### Create folder for SSH key

Create a `\\.ssh` folder in the user folder and add the file **authorized\_keys** file (without file extension):

```
C:\Users\USERNAME\.ssh\ authorised_keys
```

## On TightGate-Pro

The following configurations must be made so that TightGate-Pro automatically writes backups to the Windows server

### Store backup server

- As admin **config** under **Services > Backup server** enter the IP of the Windows server.
- Via the menu items **Save** and **Apply** menu items to apply the settings.

## Configure backups

- As admin **backuser** under **Configuration** set the following values:

```
Upload method = SCP
Server = [Selection of the Windows server stored as config]
User = [Name of the WINDOWS USER]
Remote directory =.
```

The point is used to upload the backup folder directly to the user directory on the Windows server. Otherwise, the remote directory must be specified.

- Then in the same menu **Save** in the same menu to create the SSH key.
- Via the menu item **Display SSH key** menu item to display the generated key, select it and copy it to the file **authorised\_keys** file on the Windows server. (C:\Users\USERNAME\.ssh\authorised\_keys)
- Now again as admin **backuser** navigate to its main menu and select the menu item **Upload > Backup** menu item. After some time, the backup should be located on the Windows server in C:\Users\USERNAME.

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