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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