

# Backup - Introduction

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## FAQ-Artikel-Ausdruck

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### Lösung (öffentlich)

#### Backup - Introduction

You have requested a backup node via the [1]Self-Service Portal (SSP) and it has now been created. Now you need to set up the backup node on your system.

#### Installing the Backup Software

First, you need to install the IBM Storage Protect software (formerly IBM Spectrum Protect or Tivoli Storage Manager, TSM) on your operating system:

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#### [2]Installation - Linux

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#### [3]Installation - Windows

#### Generating a Password

To access the backup node, you need a password. The password must always be generated once by the user in the SSP.

To do so, navigate to the Self-Service Portal and select "Generate new password" from the three-dot menu on the backup node. The password is shown only once and is not stored, so make sure to save the output somewhere in the meantime.

If you lose the password, a new one can be generated at any time. However, you will then need to set up the backup client again.

Caution: If the old password is still cached on your system, the failed login attempts will lock the backup node. When replacing the password, therefore follow the steps described under [4]ANR2178E ANS1361E.

#### Configuring the Backup Software

After successfully installing the backup client and generating the password, you now need to create the configuration files.

On Windows there is essentially only one configuration file (dsm.opt); on Linux there are two files, dsm.sys and dsm.opt. You can either set up these file(s) manually, or use our configuration generator, where you answer a few questions and the configuration is derived automatically.

For manual setup, follow the configuration guide for your operating system:

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#### [5]Configuration - Linux

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#### [6]Configuration - Windows

For the partially automatic generation of the backup files, follow the guide at:

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#### [7]SPOR2 - Backup Configuration Generator, requires a connection within the TU network

For more specific information (e.g., excluding files, further configuration options), you can find explanations in the following article:

#### [8]Configuration - Advanced Options

#### Starting the Backup

You have now set up everything needed to connect to the backup node, and the backup can now be performed.

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#### [9]Running - Linux

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#### [10]Running - Windows

#### Restoring Files

If you need to restore files from the backup, follow the guide for your

operating system:

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[11]Restore - Linux

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[12]Restore - Windows

[1] <https://selfservice.tu-dresden.de/>  
[2] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1623;>  
[3] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1624;>  
[4] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1638;>  
[5] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1618;>  
[6] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1620;>  
[7] <https://spor2.zih.tu-dresden.de/backup/setup/>  
[8] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1619;>  
[9] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1628;>  
[10] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1629;>  
[11] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1636;>  
[12] <https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1635;>