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**Create a SIMATIC
Version Trail backup
independently of the
logged-in user**

SIMATIC Version Trail

<https://support.industry.siemens.com/cs/ww/en/view/109746481>

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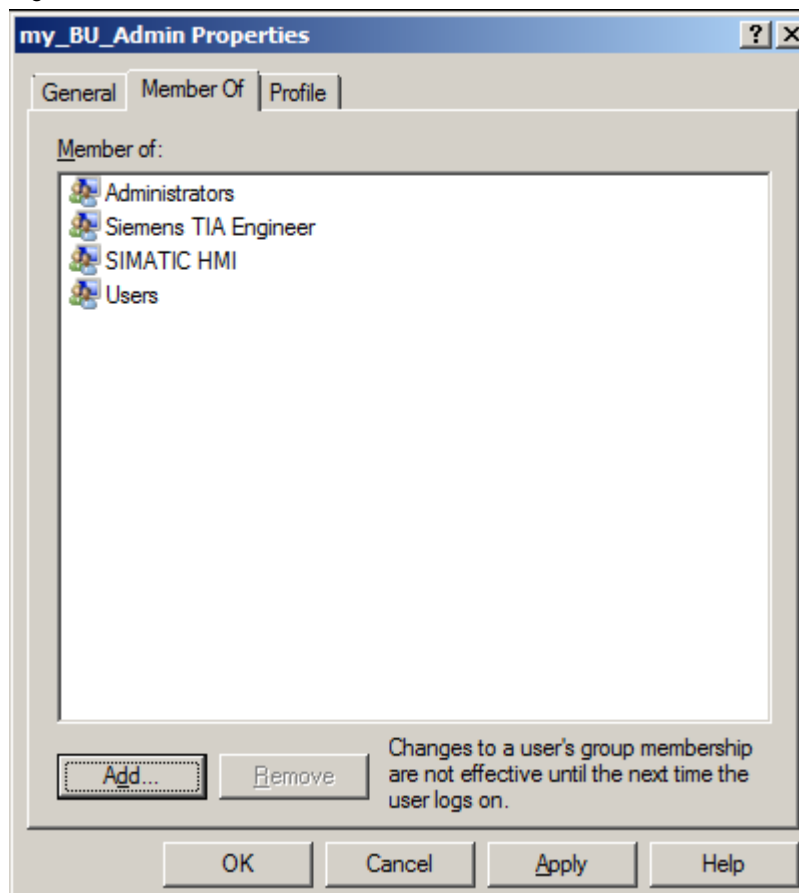
1 Create User Account for Version Trail Backup

If a time-controlled backup is to be created with SIMATIC Version Trail (VT) independently of the currently logged-in user, you have to create a user account specially for the VT backup. This user account is defined exclusively for this task and always remained logged off. In this user account, a version project is defined in Version Trail and archived cyclically via an archiving job. There must be no user logged in at the time of archiving.

Any user using Version Trail Archive to manually or automatically store archives on a target folder needs read and write permissions to this target folder. To do this, create a user group in Windows (local or in Active Directory) and assign full rights to this group in the Version Trail target folder. Add all users who should work with Version Trail to this group. You can also use the group "SIMATIC HMI" on a PCS 7 ES if the necessary users are members of this group.

1. Create the user account "my_BU_Admin" ("my_Backup_Administrator").
2. Add the user account "my_BU_Admin" to the groups "Administrators", "Siemens TIA Engineer" and "SIMATIC HMI".

Figure 1-1



2 Set Options for Archiving Procedures

You have to set the appropriate options for archiving procedures for the user account in the SIMATIC Manager. You have two ways of starting the SIMATIC Manager.

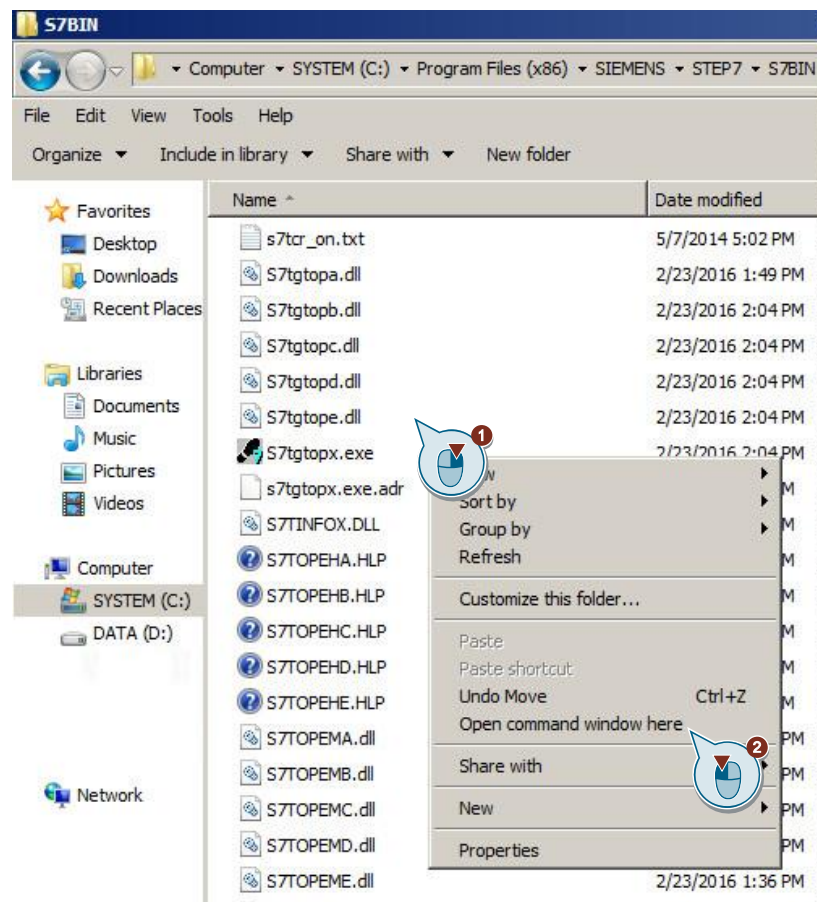
1.

1. Log in with the user account "my_BU_Admin" (this creates the complete profile of the "my_BU_Admin" user).
2. Start the SIMATIC Manager.
3. Make the settings described below and then log the user off.

2.

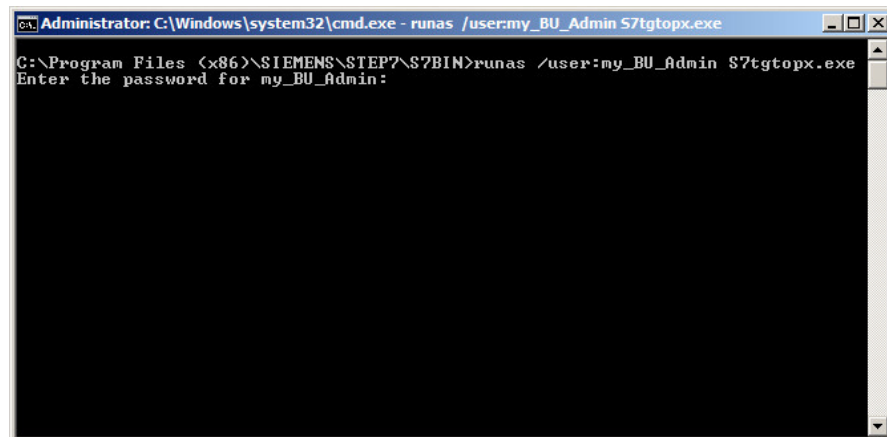
1. Open the directory "C:\Program Files (x86)\SIEMENS\STEP7\S7BIN".
2. Open the input prompt via "SHIFT + Right-click > Open command window here".

Figure 2-1



3. Start the SIMATIC Manager via the command "runas /user:my_BU_Admin S7tgotpx.exe" and enter the password for the user account "my_BU_Admin".

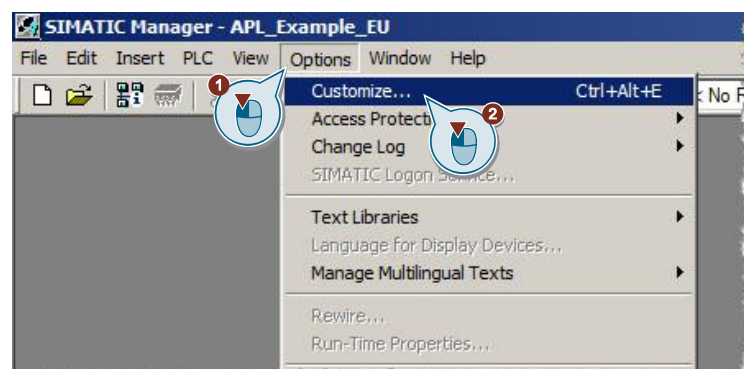
Figure 2-2



Settings in the SIMATIC Manager

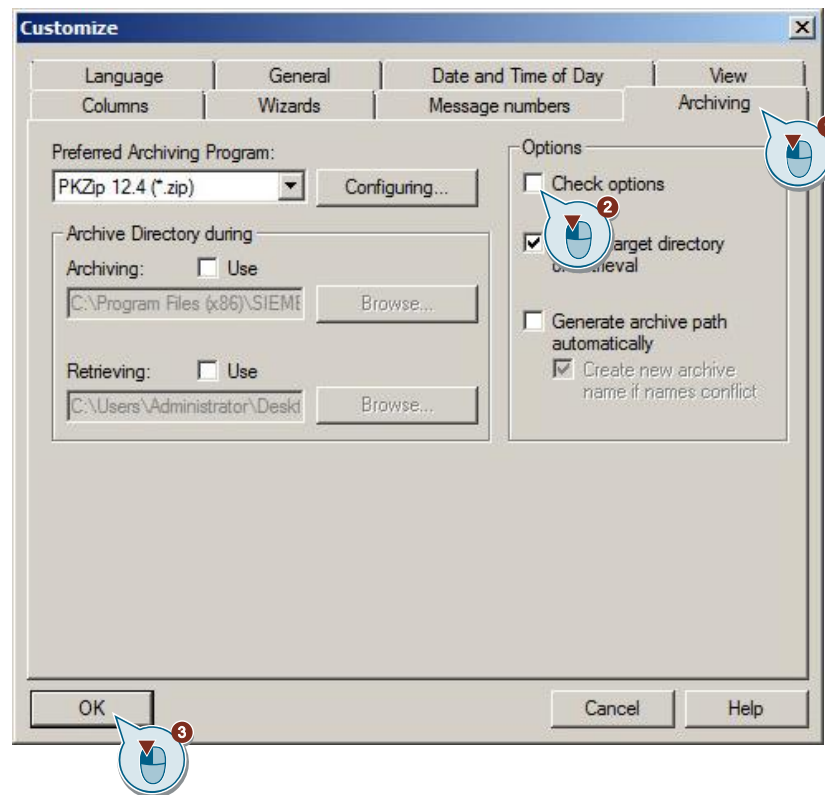
1. Open the settings of the SIMATIC Manager via "Tools > Customize...".

Figure 2-3



2. Switch to the "Archiving" tab, disable the option "Check options" and click the "OK" button.

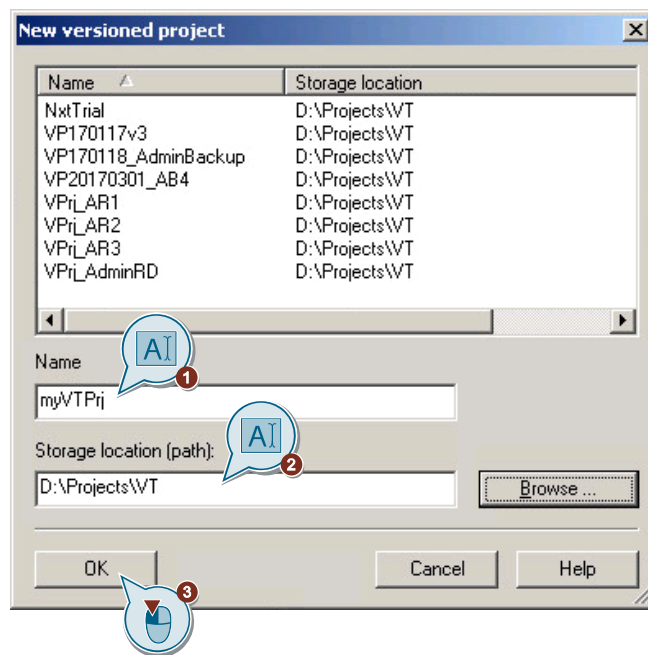
Figure 2-4



3 Create Version Project

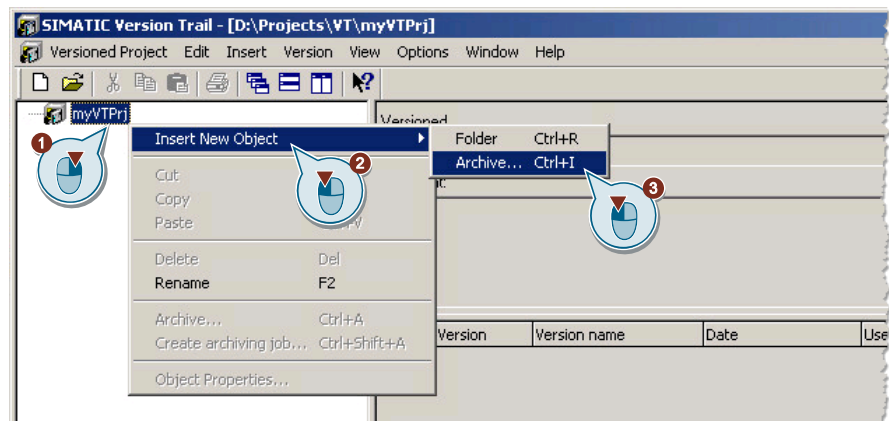
1. Log on with the standard Windows user account.
2. Open SIMATIC Version Trail.
3. Execute the menu command "Version project > New".
4. Assign a project name, specify the storage path and click the "OK" button.

Figure 3-1



5. In SIMATIC Version Trail you select the version project and in the pop-up menu you click "Insert New Object > Archive...".

Figure 3-2

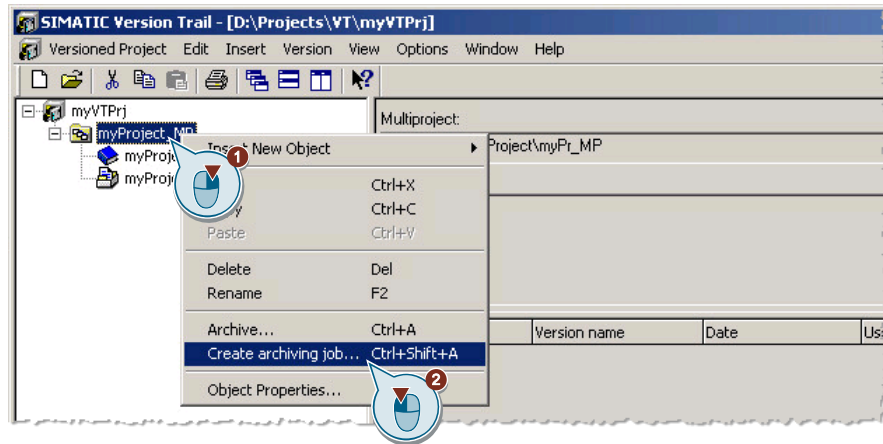


6. Select the desired multiproject and click the "OK" button.

3 Create Version Project

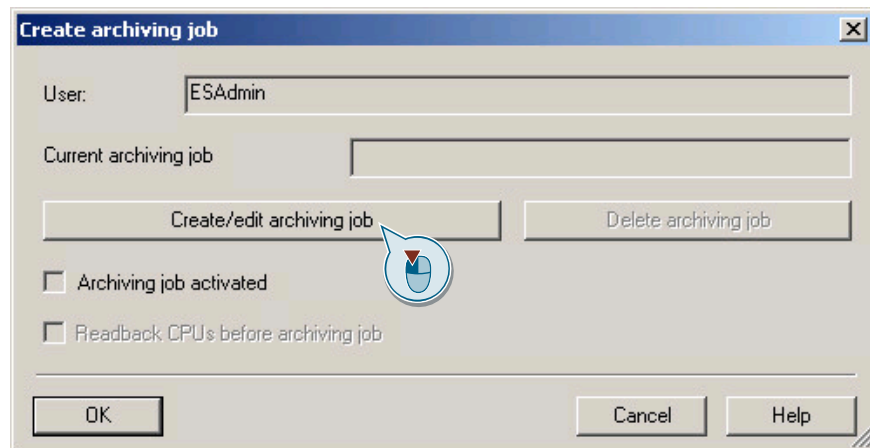
7. In SIMATIC Version Trail you mark the multiproject and in the pop-up menu you click "Create archiving job...".

Figure 3-3



8. Click the "Create/edit archiving job" button.

Figure 3-4

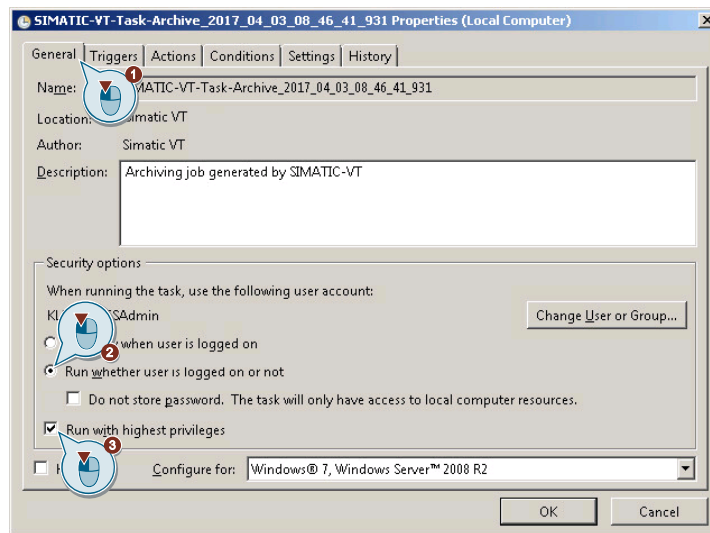


The "Task Scheduler" starts.

4 Configure Task Scheduler for Archiving Job

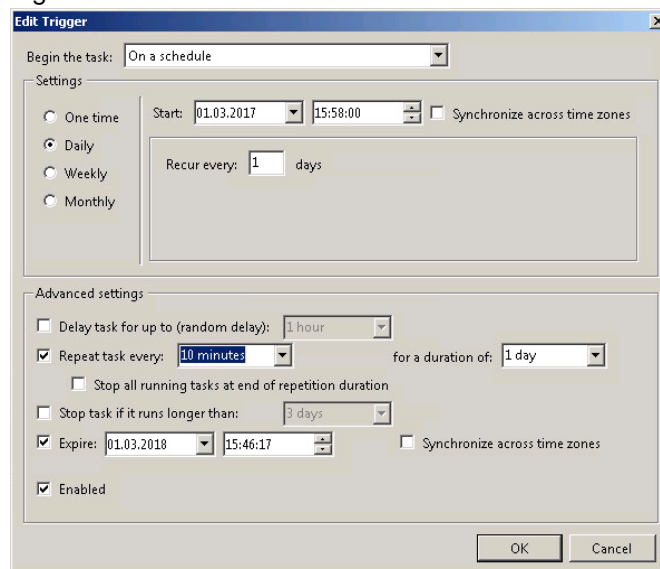
1. Under Task Scheduler Library / SIMATIC VT you select the newest row (lowest) and double-click to open the settings.
2. Select the "General" tab and enable the following safety options:

Figure 4-1



3. Switch to the "Triggers" tab and change the settings according to the project.

Figure 4-2



4. Do not change the settings in the other tabs and click the "OK" button to confirm your inputs.

Task Scheduler

The following settings are to be made with the newly created login of the backup user.

1. Open the login box of the Task Scheduler.
2. Enter the user name for the SIMATIC Version Trail backup and the password and confirm your inputs by clicking the "OK" button.

Figure 4-3



3. Close the Task Scheduler.
4. In SIMATIC Version Trail close the "Create archiving job" window by clicking the "OK" button and then close SIMATIC Version Trail.