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Note on giving PostgreSQL server rights to read and write data onto files in OS folders (e.g. user space).

Applicability: Windows 7,8, 10

Applicability: PostgreSQL 9, 10, 11

Step 1:

Check who is the PostgreSQL service owner (e.g. is it NETWORK SERVICE).

Open *services* and scroll down to PostgreSQL service entry row in list. Select it, and right click on line and choose Properties from pop-up. Choose the 'Log On' pane from the property pages and determine owner of service. In this case it is 'Network Service'.
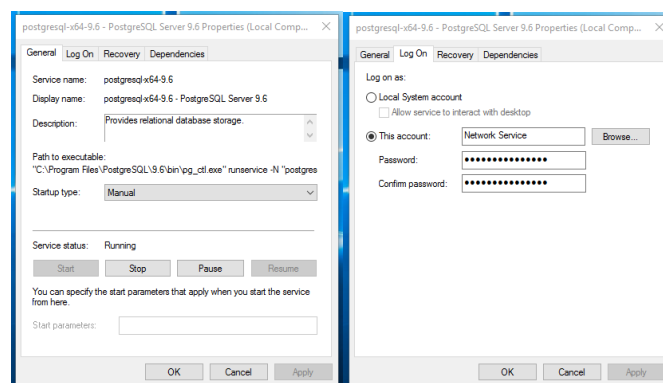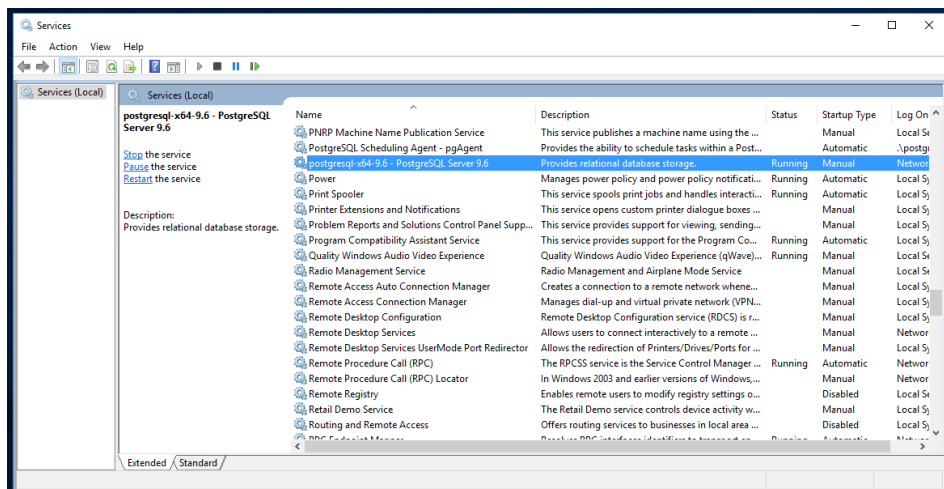
Step 2:

Create a folder on your drive (e.g. user space) to store temporary data files to be read and written from the database server (i.e. PostgreSQL).

For example create folder in drive 'C' root folder – i.e. 'c:\temp'.

Step 3:

Select created *folder*, right click on it, and choose Properties.

From the pop-up form choose the 'Security' pane from the available pages. Click on 'Edit …' button and then click on 'Add …' button on the pop-up form (called 'Permission for temp').
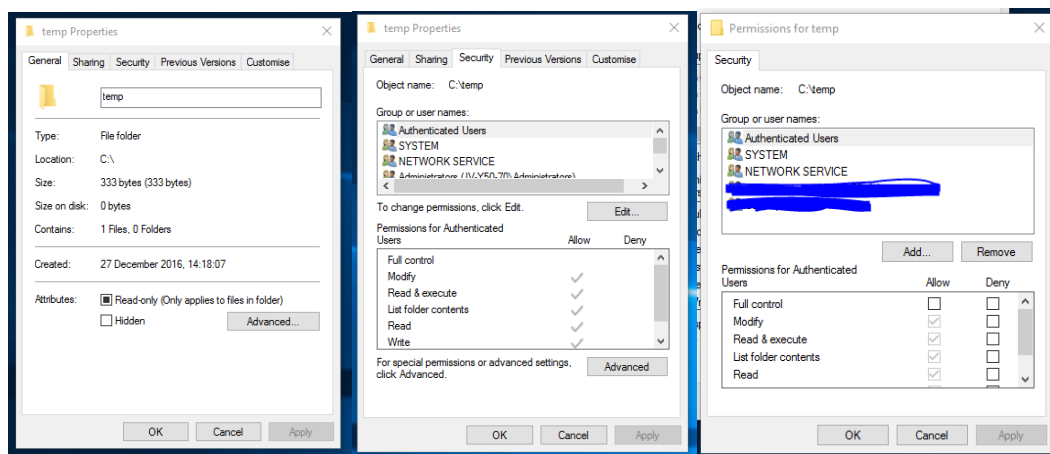
Enter 'Network service' in the text box called 'Enter the object names to select' in the form called 'Select Users and Groups' and click 'OK'.
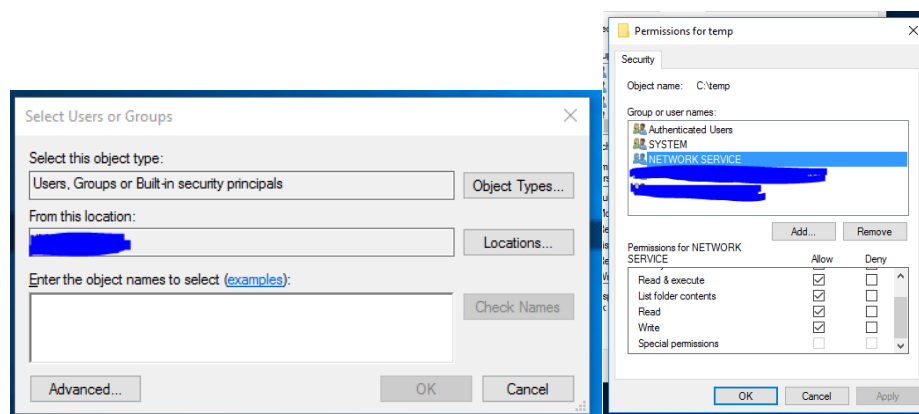
Now you will see Network Service is amongst the list of Group or user names in the form 'Permissions for temp'; give all rights to 'Network Service' by first selecting it and then clicking on each 'Allow' option (ie FC, M, R&E, L, R and W). Finally click 'OK', and 'OK'.