



PAC Change Management 9.80

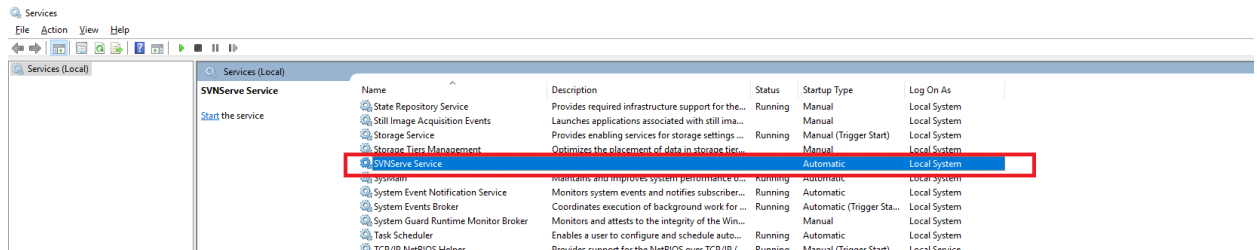
Subversion (SVN) Repository Restore Guide

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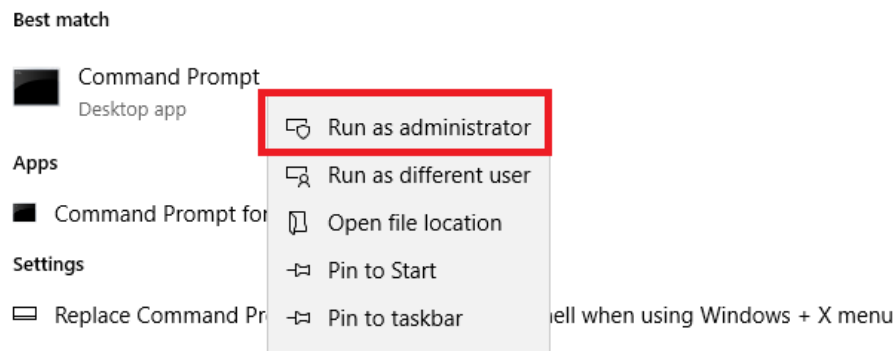
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SVN Repository Restore Procedure

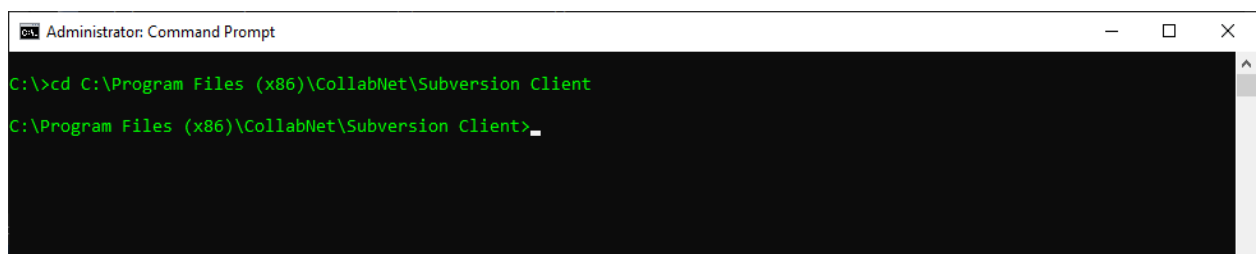
1.) SVNService Services must be Stopped and Not Running



2.) Launch CMD.exe by Run as Administrator



3.) Using CMD Navigate to Subversion installation directory where SVNADMIN.exe file is located

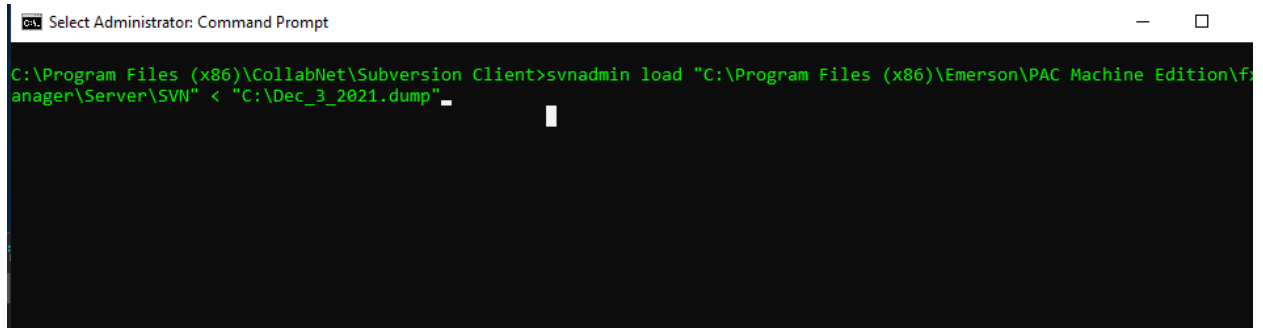


- For CollabNet SVN 1.11.1 (Windows 32-bit) – SVNAdmin.exe will be located in the directory below:

C:\Program Files (x86)\CollabNet\Subversion Client

- 4.) “SVNADMIN LOAD” command importing the SVN Dump file into the SVN Repository on your SVN repository, then press enter.

Please see the example in below.



Command:

svnadmin load "C:\Program Files (x86)\Emerson\PAC Machine Edition\fxManager\Server\SVN" < "C:\Dec_3_2021.dump"

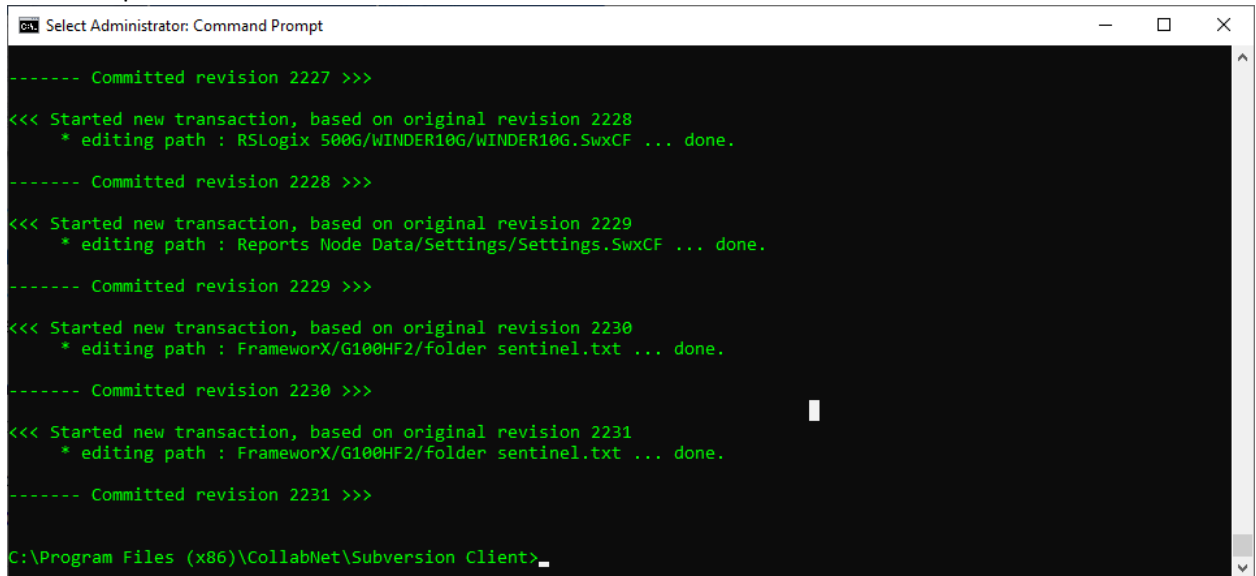
- In this example, the SVN Repository is located in the following path:

C:\Program Files (x86)\Emerson\PAC Machine Edition\fxManager\Server\SVN

- The SVN dump file is located in the follow path:

C:\Dec_3_2021.dump

5.) Load completed

A screenshot of a Windows Command Prompt window titled "Select Administrator: Command Prompt". The window has a black background with green text. It displays a series of SVN commit messages, including revision numbers (2227, 2228, 2229, 2230, 2231) and file paths like "RSLogix 500G/WINDER10G/WINDER10G.SwxCF" and "Reports Node Data/Settings/Settings.SwxCF". The prompt at the bottom shows the current directory as "C:\Program Files (x86)\CollabNet\Subversion Client>".

```
Select Administrator: Command Prompt

----- Committed revision 2227 >>>

<<< Started new transaction, based on original revision 2228
* editing path : RSLogix 500G/WINDER10G/WINDER10G.SwxCF ... done.

----- Committed revision 2228 >>>

<<< Started new transaction, based on original revision 2229
* editing path : Reports Node Data/Settings/Settings.SwxCF ... done.

----- Committed revision 2229 >>>

<<< Started new transaction, based on original revision 2230
* editing path : FrameworX/G100HF2/folder sentinel.txt ... done.

----- Committed revision 2230 >>>

<<< Started new transaction, based on original revision 2231
* editing path : FrameworX/G100HF2/folder sentinel.txt ... done.

----- Committed revision 2231 >>>

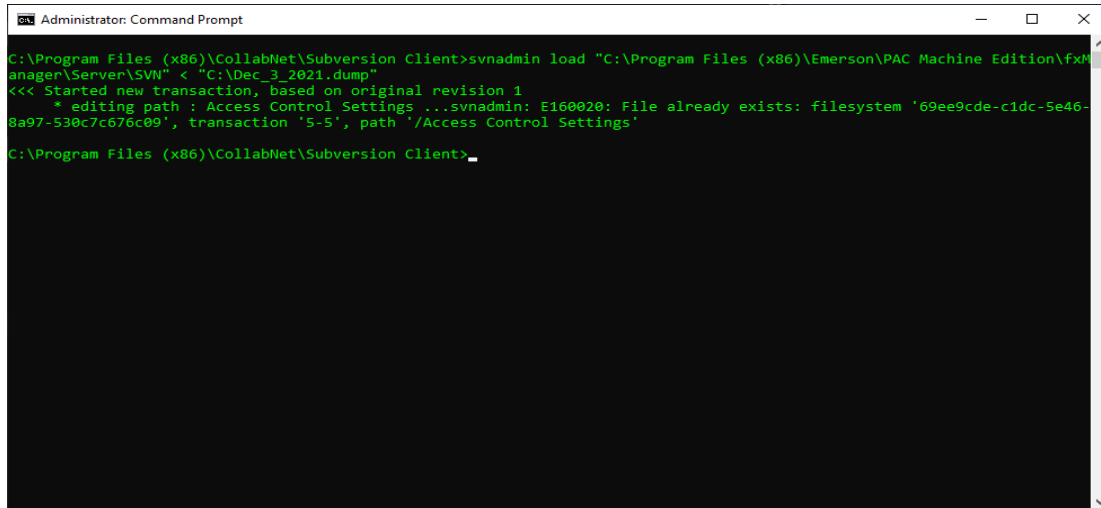
C:\Program Files (x86)\CollabNet\Subversion Client>
```

6.) PC restart is required

7.) Logon the Change Manager Server.

Troubleshooting

Q1.) Getting Error when attempt to restore SVN Repository

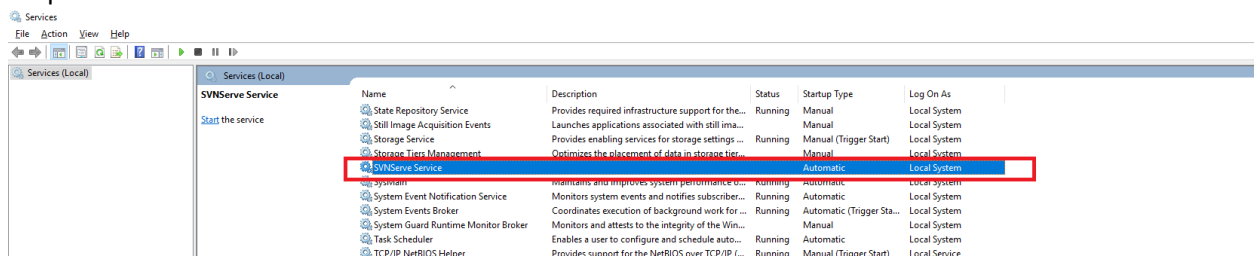


```
Administrator: Command Prompt
C:\Program Files (x86)\CollabNet\Subversion Client>svnadmin load "C:\Program Files (x86)\Emerson\PAC Machine Edition\FxManager\Server\SVN" < "C:\Dec_3_2021.dump"
<<< Started new transaction, based on original revision 1
* editing path : Access Control Settings ...svnadmin: E160020: File already exists: filesystem '69ee9cde-c1dc-5e46-8a97-530c7c676c09', transaction '5-5', path '/Access Control Settings'
C:\Program Files (x86)\CollabNet\Subversion Client>
```

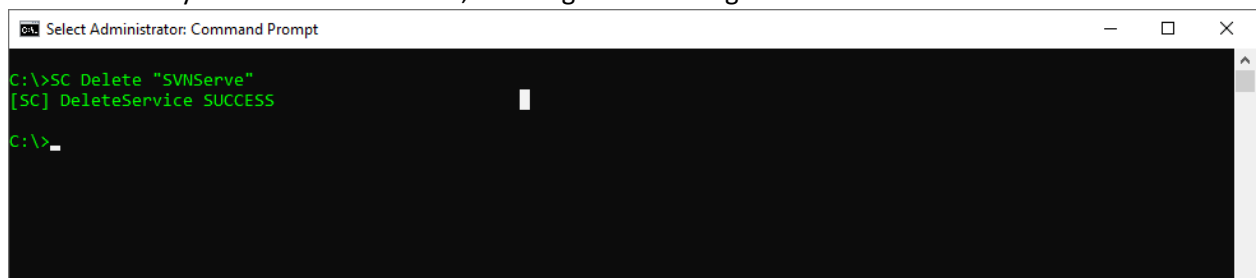
Answer: SVN Repository can only be restored onto a blank repository. If the project and project history are on an existing repository, the SVNAdmin load operation cannot be performed.

User will have to delete and re-create a new SVN Repository (**WARNING: The following process is a destructive process**).

- 1.) Stop Change Management Server Service
- 2.) Stop SVNService Services



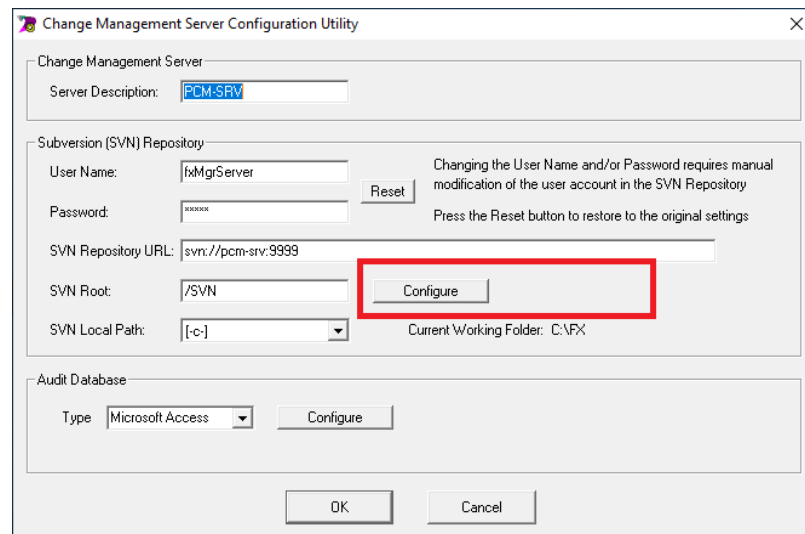
- 3.) Launch CMD by Run As Administrator , Entering the following command “SC Delete SVNService”



```
Select Administrator: Command Prompt
C:\>SC Delete "SVNService"
[SC] DeleteService SUCCESS
C:\>
```

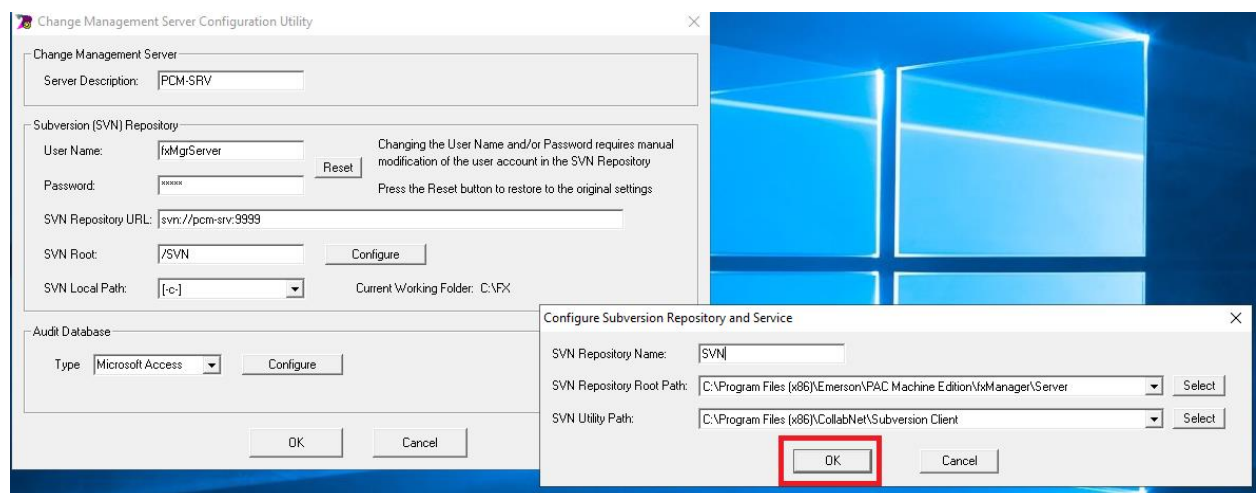
- 4.) PC Reboot is required
- 5.) Delete “FX” folder under C:\

- 6.) Delete the working direction [PCM Server Name] under
C:\Users\Public\Documents\Emerson\PME\SecurWORX
- 7.) Delete “SVN” folder under C:\Program Files (x86)\Emerson\PAC Machine Edition\fxManager\Server
- 8.) Launch Server Configuration Utility by Right click **“Run as Administrator”**
- 9.) Select Configure button

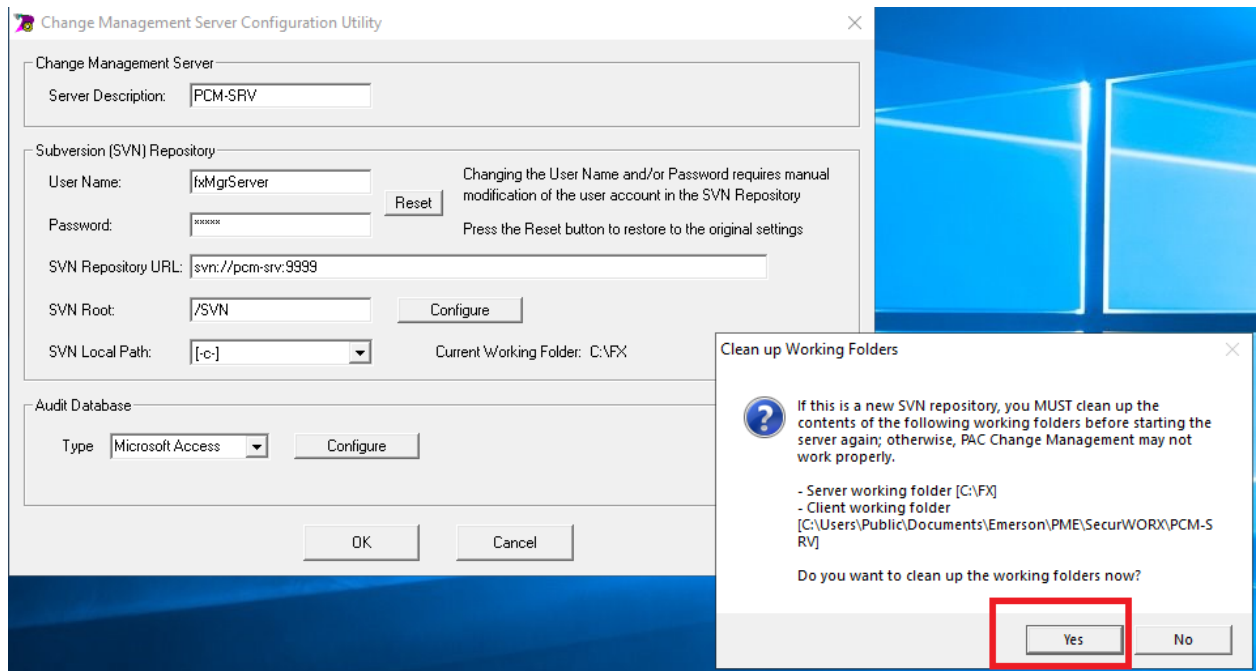


- 10.) Select “OK”

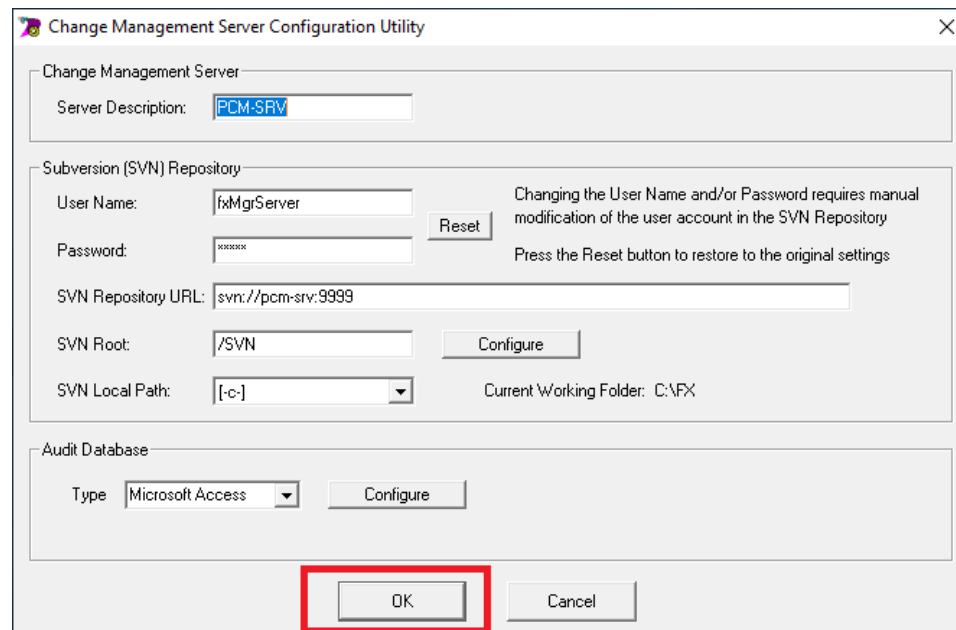
This is going to re-create the SVN Services as Windows Server based on the original SVN repository and Subversion server path.



11.)Select “Yes”



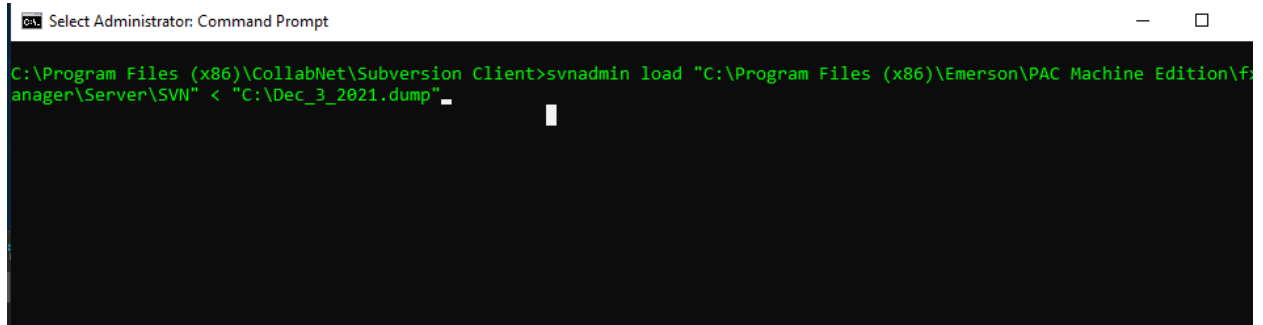
12.)Press “OK”



13.) Launch CMD.exe by Run as Administrator

14.) Start “SVNADMIN LOAD” command importing the SVN Dump file into the SVN Repository on your SVN repository, then press enter.

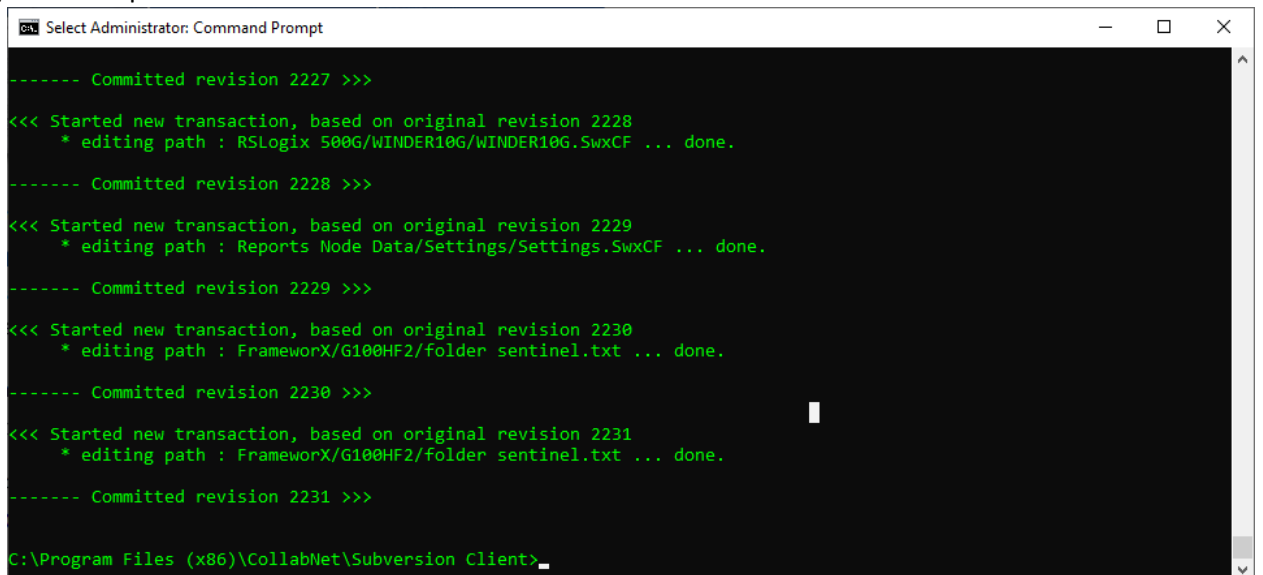
Please see the example in below.



Command:

```
svnadmin load "C:\Program Files (x86)\Emerson\PAC Machine Edition\fxManager\Server\SVN" <
"C:\Dec_3_2021.dump"
```

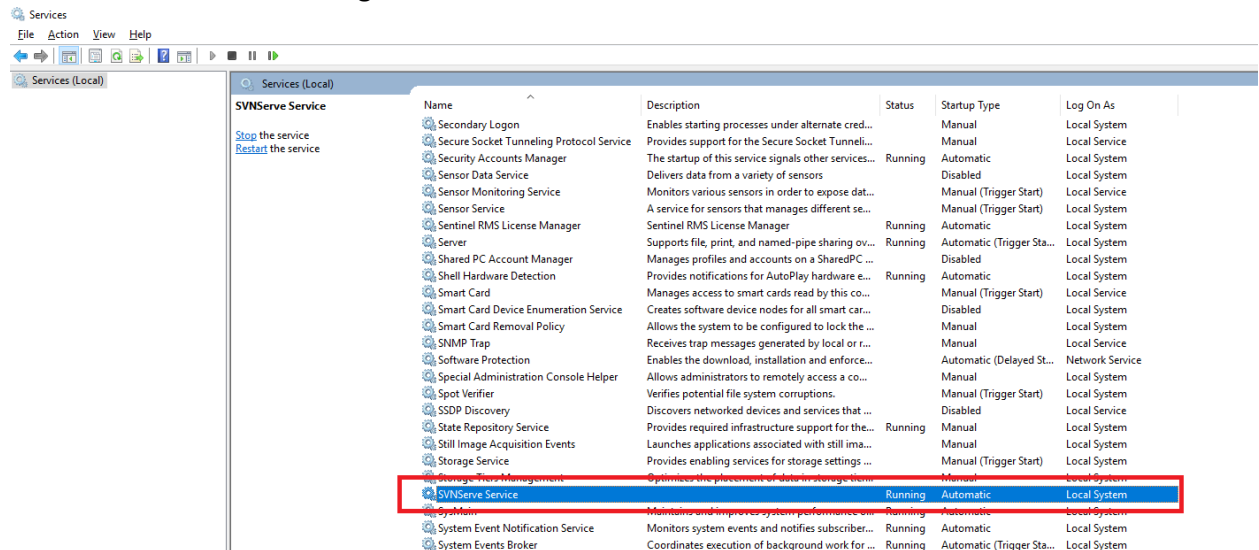
15.) Load completed



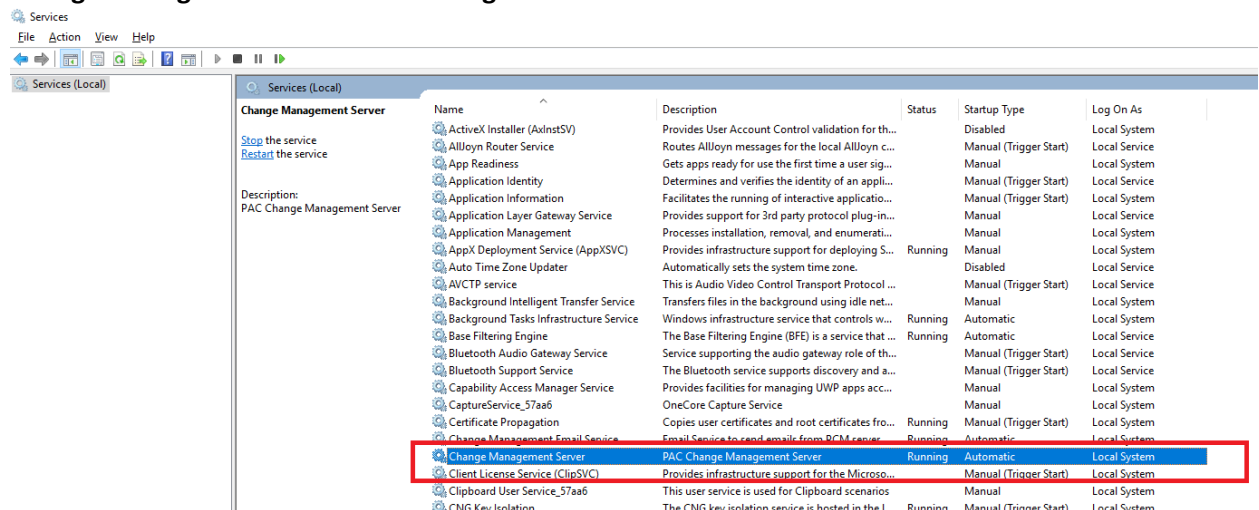
16.) **PC Reboot is required**, as SVN and Change management Service won’t start until PC Reboot.

17.) Go to Windows Search type in “Services.msc”, launch Windows Services. Ensure the following services are running.

SVNService Service ---- Running



Change Management Server --- Running



18.) Logon to Change Management Server, you should be able to see all projects

SVN Command Line References

To locate SVNAdmin Load command line reference, please see the link in below

<https://svnbook.red-bean.com/en/1.7/svn.ref.svnadmin.c.load.html>