DSpace Migration Procedure
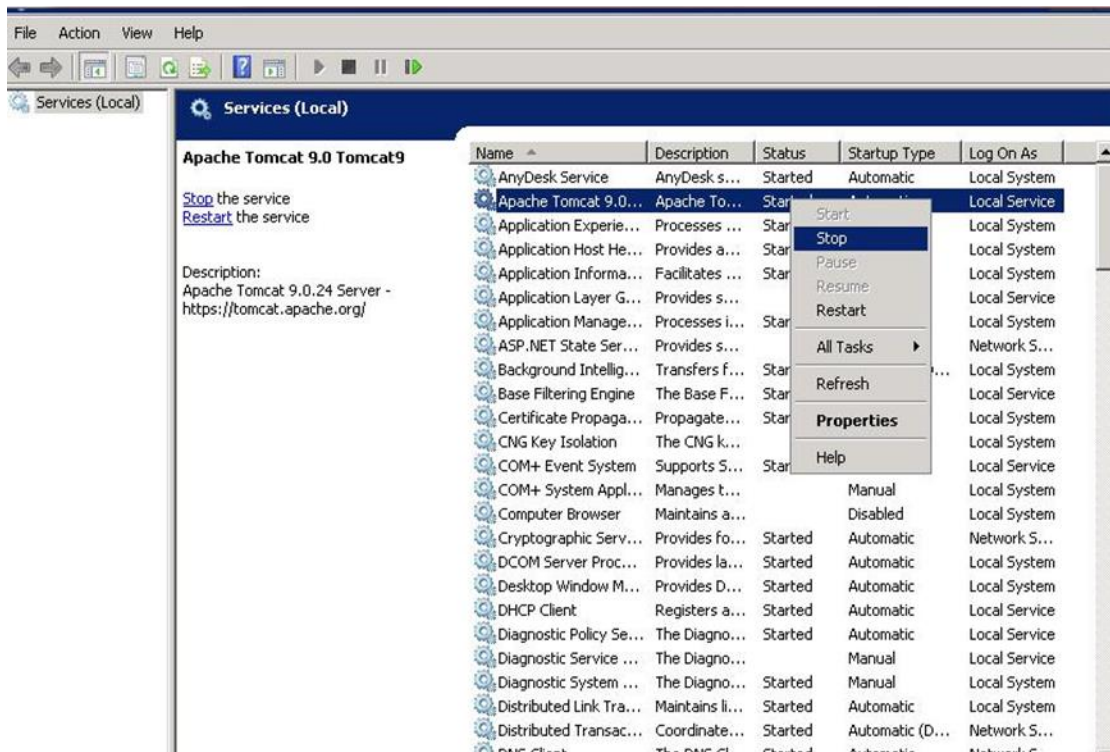
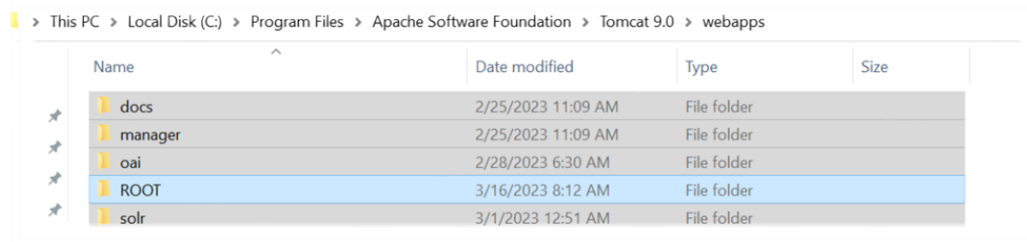➢ **Step 1: Follow the steps from "Dspace Installation Document" for installing a fresh DSPACE instance into your new server.**

➢ **Step 2:** Copy the following folders from old DSPACE archive system (c:**\dspace\)** assesstore, bin, config, lib, solr, upload, log and webapps.

Name	Date modified	Type	Size
assetstore	5/5/2023 8:49 PM	File folder	
bin	3/1/2023 12:37 AM	File folder	
config	3/16/2023 8:02 AM	File folder	
etc	2/28/2023 12:50 AM	File folder	
exports	2/28/2023 12:50 AM	File folder	
handle-server	2/28/2023 12:50 AM	File folder	
imports	2/28/2023 2:10 AM	File folder	
lib	3/1/2023 12:38 AM	File folder	
log	5/6/2023 1:00 PM	File folder	
reports	2/28/2023 12:50 AM	File folder	
solr	3/1/2023 12:38 AM	File folder	
temp	2/28/2023 2:36 AM	File folder	
triplestore	2/28/2023 12:50 AM	File folder	
upload	3/1/2023 12:38 AM	File folder	
var	2/28/2023 12:50 AM	File folder	
webapps	3/1/2023 12:39 AM	File folder	

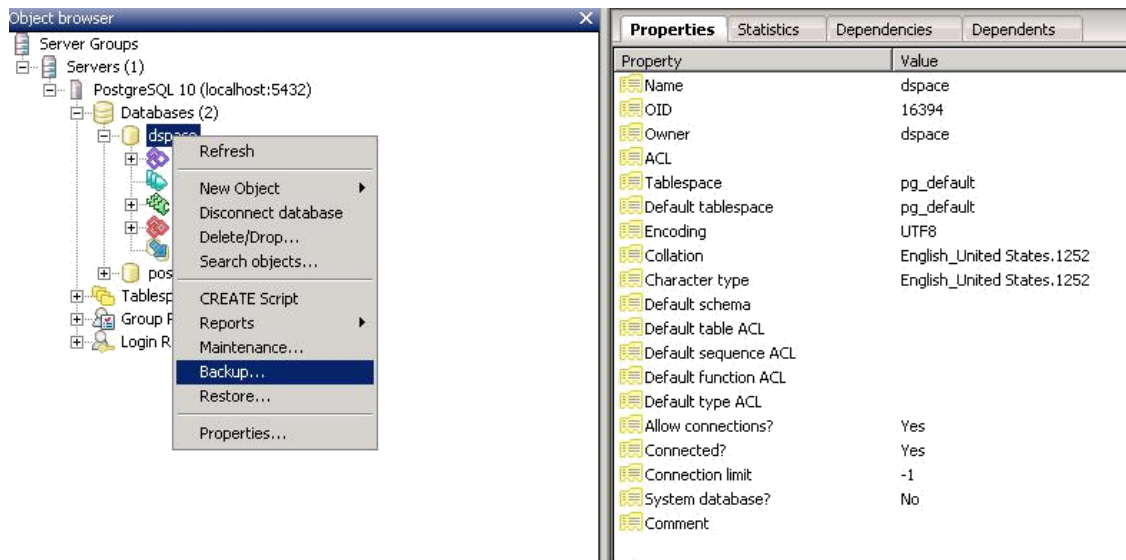➢ **Step 5:** Stop tomcat service in both old and new server.

➢ **Step 6.** Paste (assesstore, bin, config, lib, solr, upload, log and webapps) into new server dspace installation root folder (e.g., c:\dspace\).

➢ **Step 7: From your old server, c**opy the following folders from webapps folder of tomcat and paster them into webapps folder of tomcat of your new server
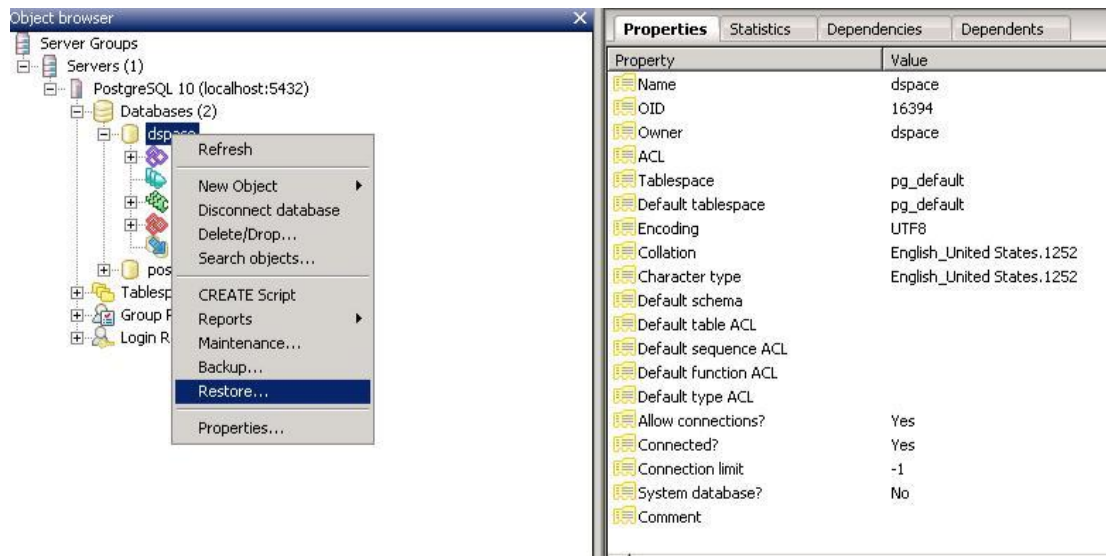Folder to copy: **docs, solr, oai, and ROOT.**

Database backup and migration

➢ **Step 9:** Go to DGFP ARCHIVE server pgAdmin for database backup and create a new database backup and keep this database into your new server any location.

> **Step 10:** Restore this DGFP ARCHIVE backup database into your new server pgAdmin database.
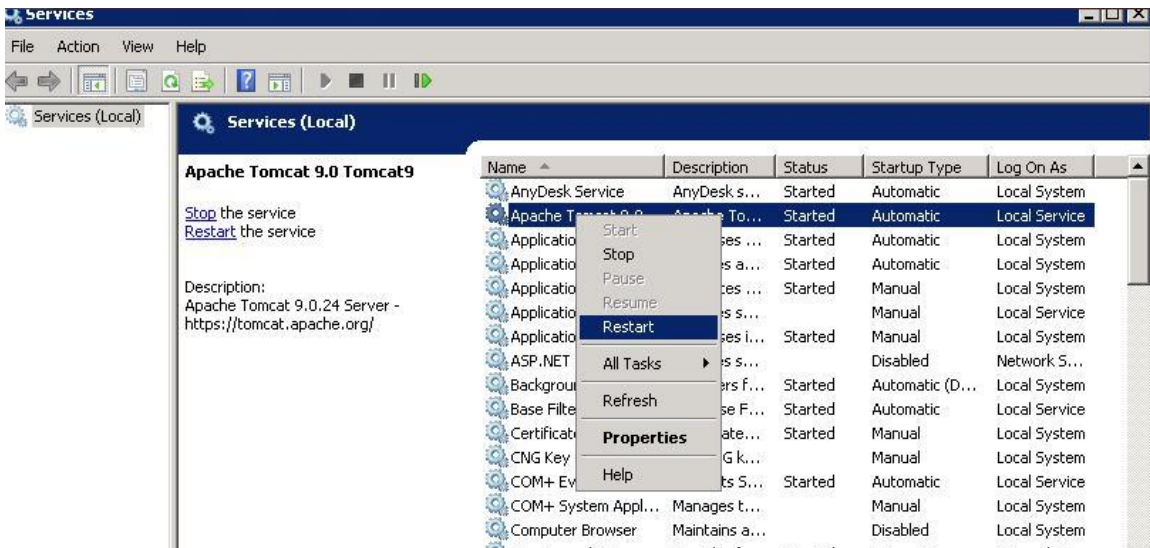

If there is a change in domain name or IP

  ➢ **Step 11:** Change the new server config file as per your new server database and server url.

- **Change url in c:\dspace\config\config.cfg**
- **Check host and port of solr in c:\dspace\config\config.cfg**
- **In tomcat change url in the following files**

  o Root\themes\gallery.html

  o Root\themes\mirage\lib\xsl\core\page-structure.xsl

  o Root\themes\mirage\lib\css\reset.css

- **Apply changes of URL/host/domain in the following file**

After migration of server, importing document/referecnes

- **Start the tomcat server**
- **Initialize solr index by running the following command in dspace bin directory**
  dspace index-discovery

➢ **Step 12:** Start tomcat server