

## **FSRM ASSIGNMENT**

### **QUESTION: HOW TO ADD THE FSRM AND HOW TO CONFIGURE IT ?**

#### **ANSWER:**

**FSRM: FSRM STANDS FOR FILE SERVER RESOURCE MANAGER. IT'S A FEATURE IN MICROSOFT WINDOWS SERVER THAT HELPS ADMINISTRATORS MANAGE AND CONTROL THE STORAGE OF FILES ON A FILE SERVER. FSRM PROVIDES TOOLS FOR MONITORING, CLASSIFYING, AND CONTROLLING ACCESS TO FILES, HELPING BUSINESSES MANAGE DISK SPACE MORE EFFECTIVELY AND ENFORCE DATA MANAGEMENT POLICIES.**

**HERE ARE SOME KEY FEATURES OF FSRM:**

**1. QUOTA MANAGEMENT:**

**FSRM ALLOWS ADMINISTRATORS TO SET STORAGE LIMITS (QUOTAS) ON FOLDERS OR VOLUMES. FOR EXAMPLE, YOU COULD SET A QUOTA ON A USER'S HOME DIRECTORY TO PREVENT THEM FROM USING TOO MUCH DISK SPACE.**

**2. FILE SCREENING:**

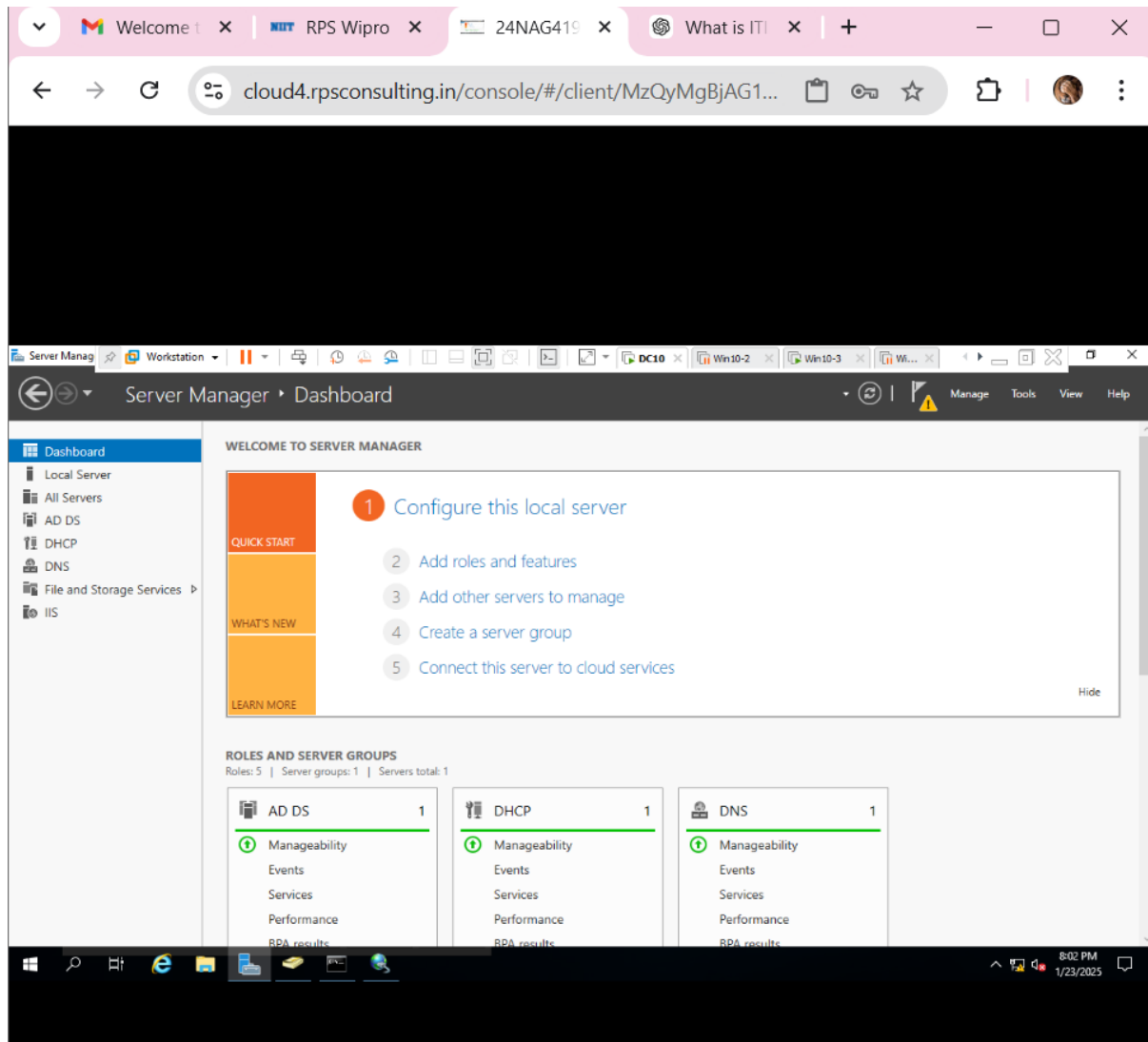
**THIS FEATURE LETS YOU BLOCK OR ALLOW SPECIFIC TYPES OF FILES FROM BEING SAVED TO A SERVER. FOR INSTANCE, YOU COULD PREVENT USERS FROM UPLOADING VIDEOS OR EXECUTABLE FILES IN CERTAIN FOLDERS.**

**3. STORAGE REPORTS:**

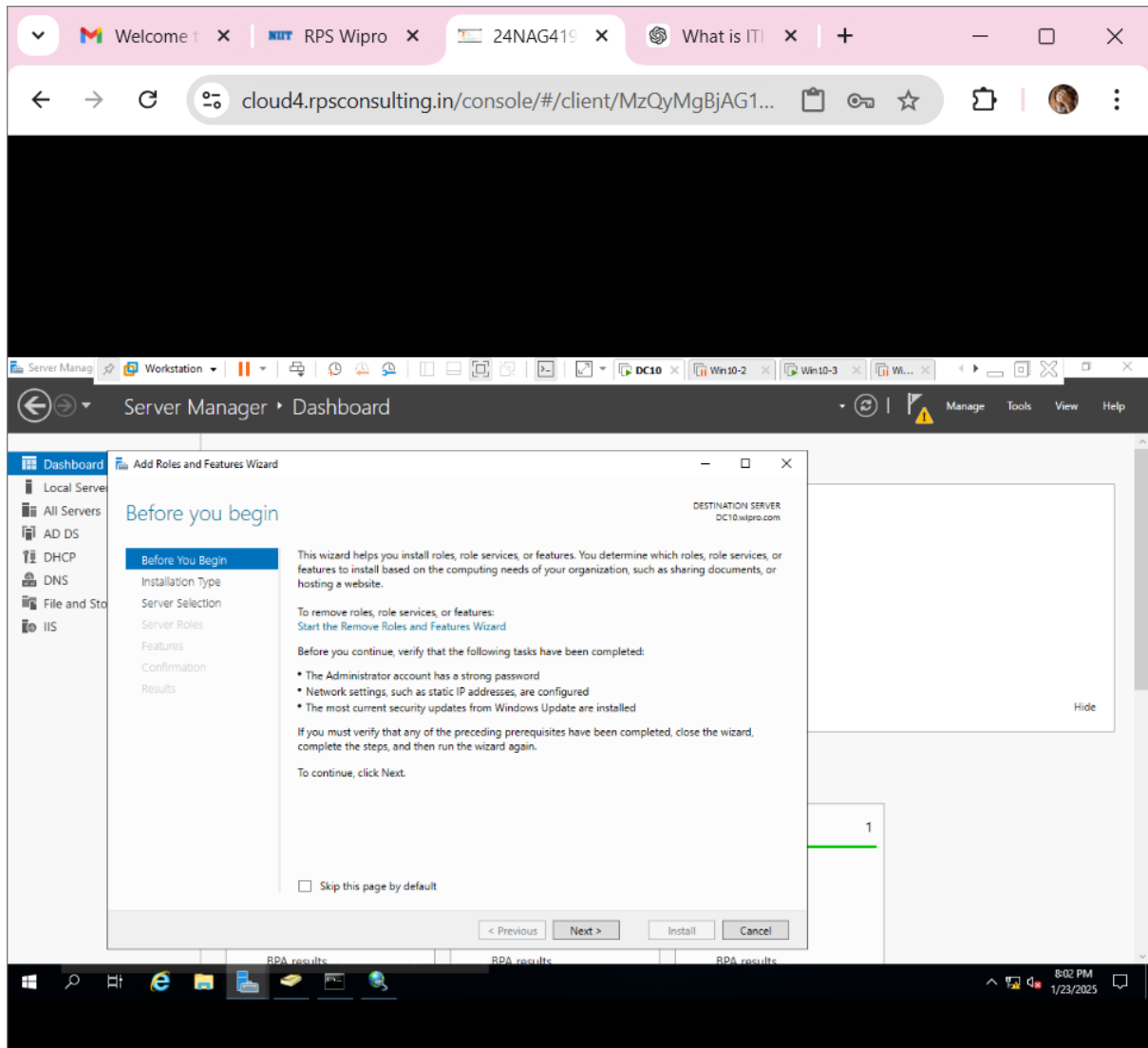
**FSRM CAN GENERATE REPORTS THAT SHOW HOW DISK SPACE IS BEING USED. IT CAN ALSO SHOW TRENDS OVER TIME AND IDENTIFY USERS OR FILES CONSUMING EXCESSIVE STORAGE**

**NOW, LETS INSTALL THE FEATURE AND CREATE THEM.**

**STEP -1 : OPEN THE SREVER MANAGER, AND CLICK ON THE ADD ROLES AND FEATURES, CLICK NEXT.**

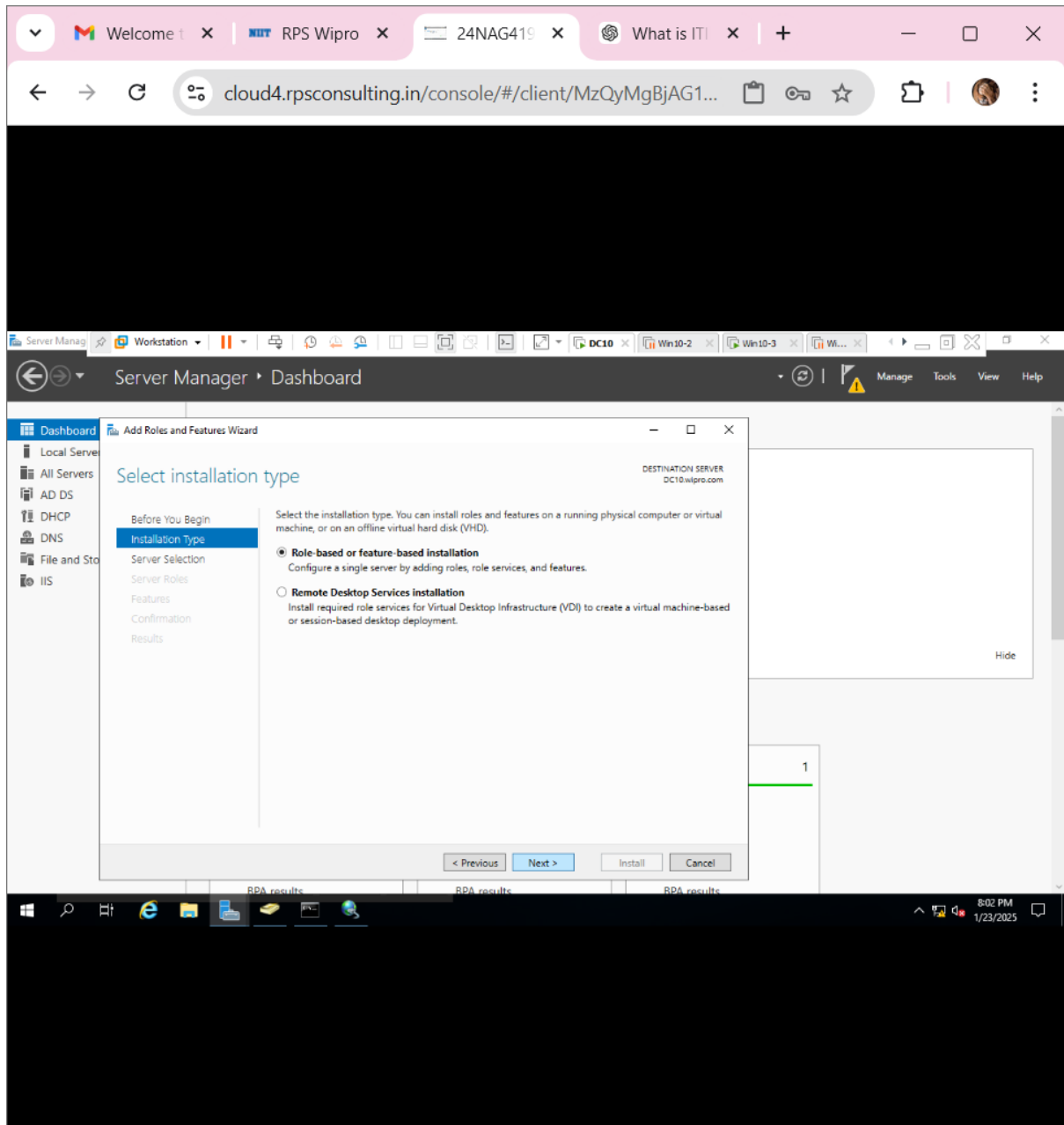


## WIPRO ASSIGNMENT -23



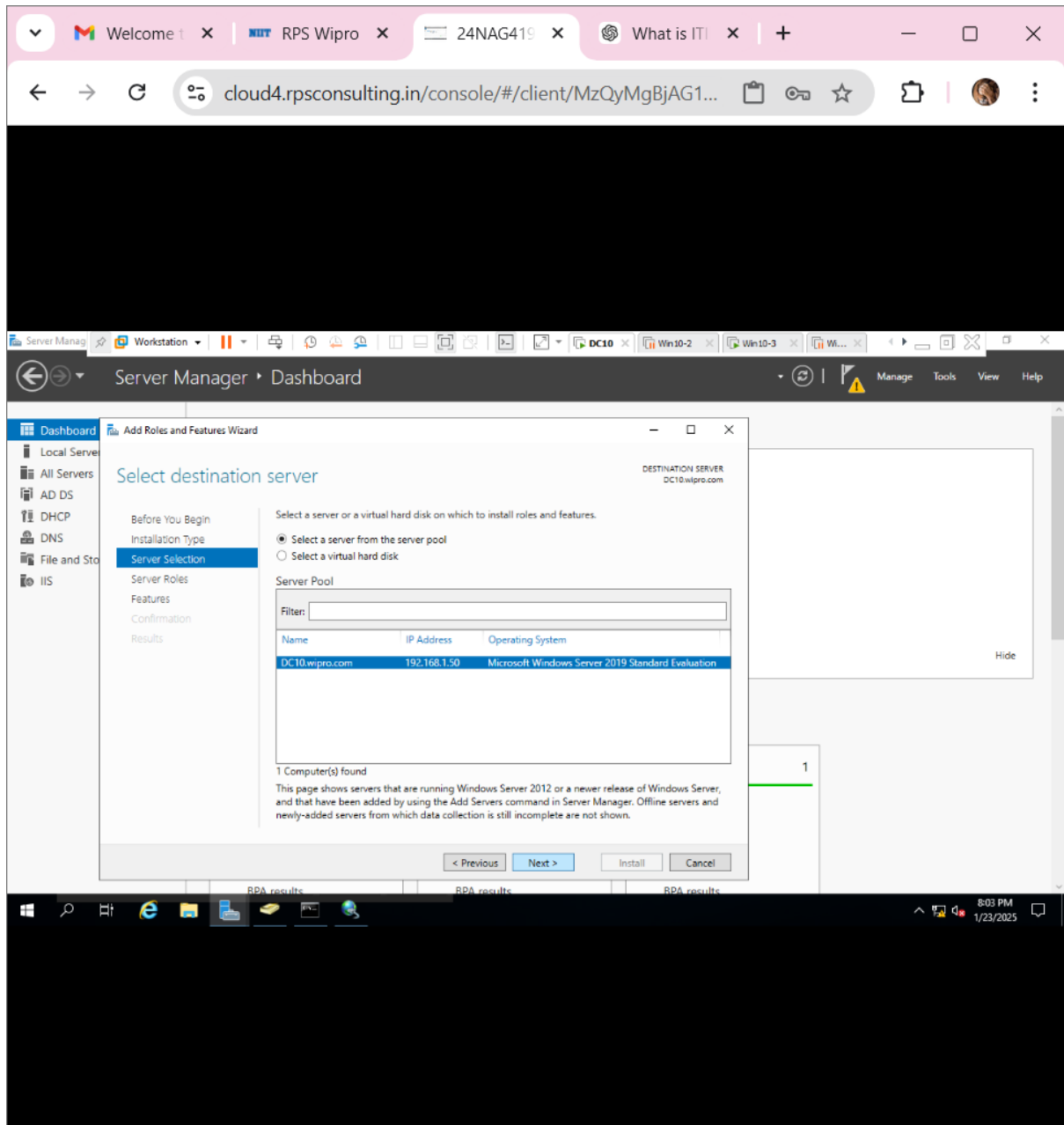
**CLICK ON NEXT,**

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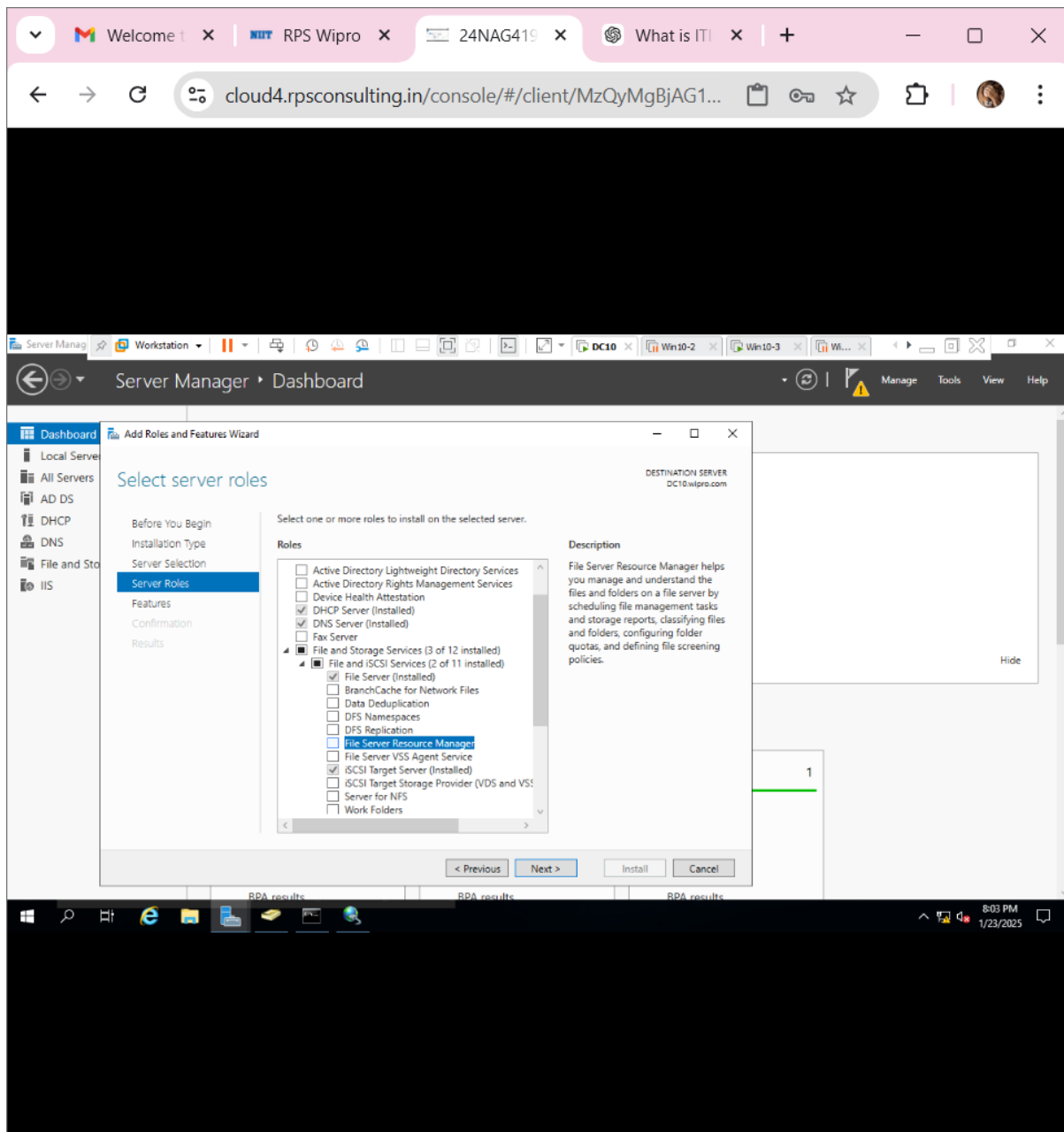


**CLICK ON NEXT,**

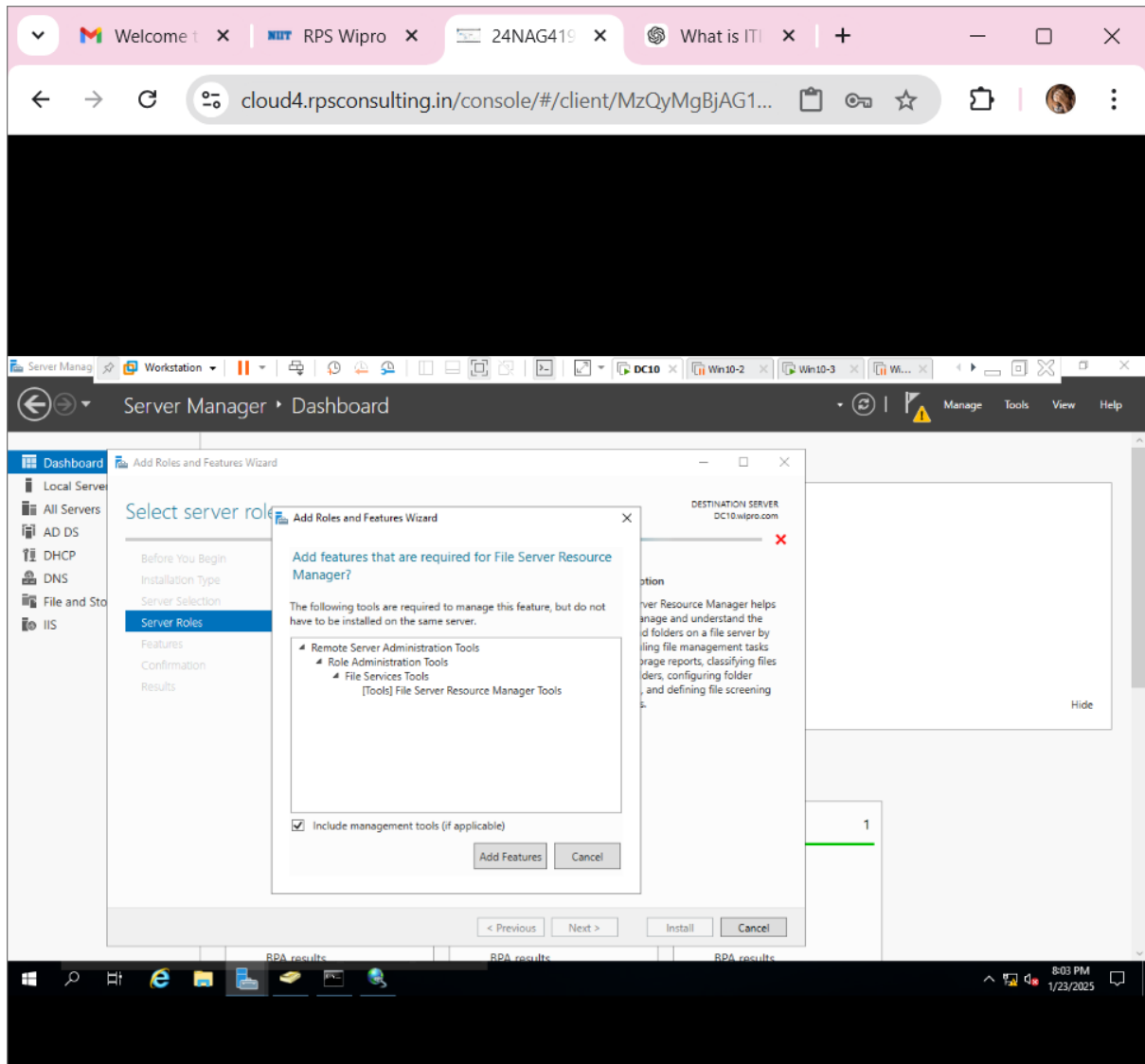
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**CLICK ON NEXT,**

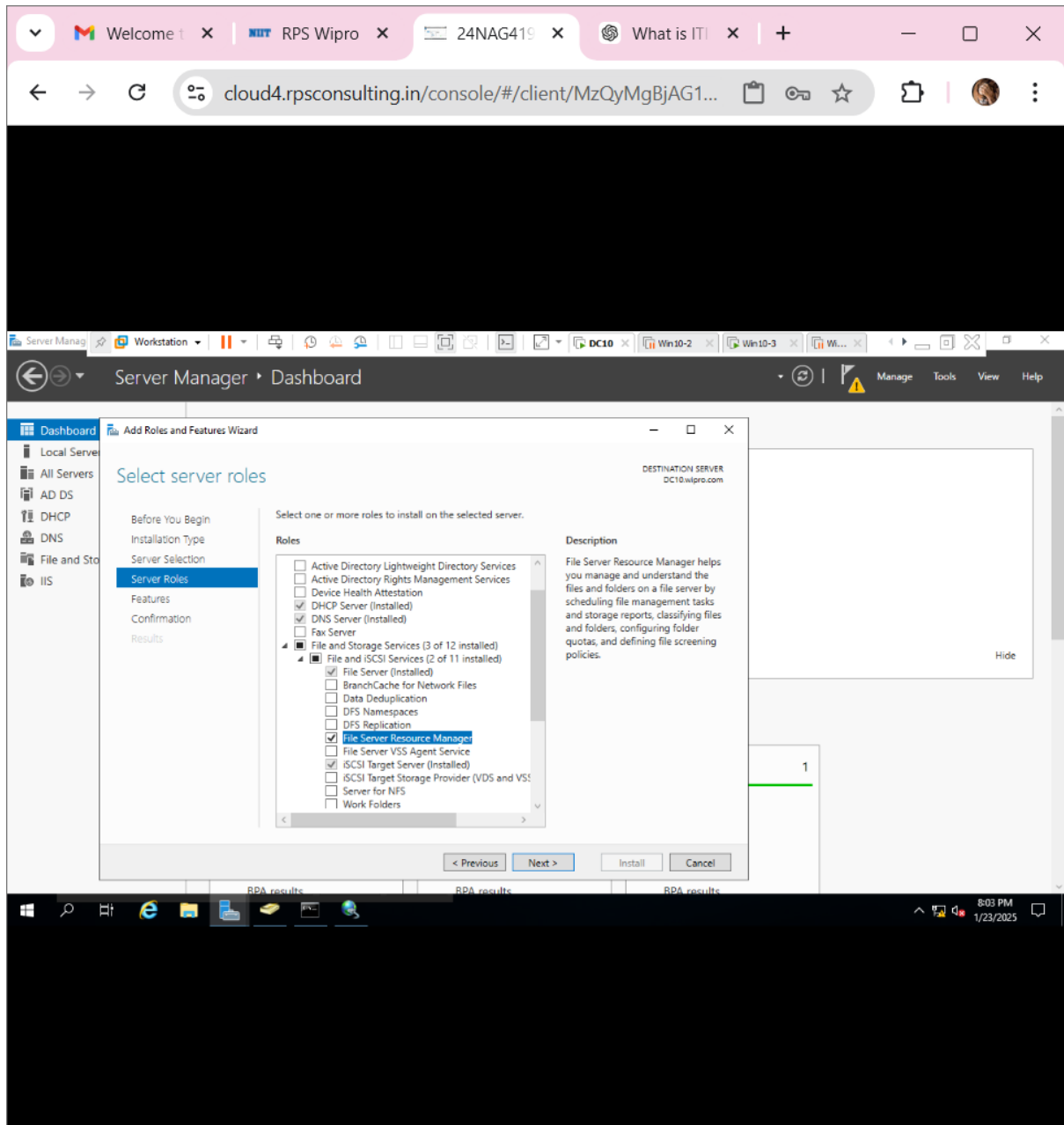


**STEP -2: NOW, CLICK ON THE FILE AND STORAGE SERVERS AND EXPAND IT  
AND SELECT THE FILE SERVER RESOURCE MANAGER TOOLS.**



**CLICK ON ADD FEATURES,**

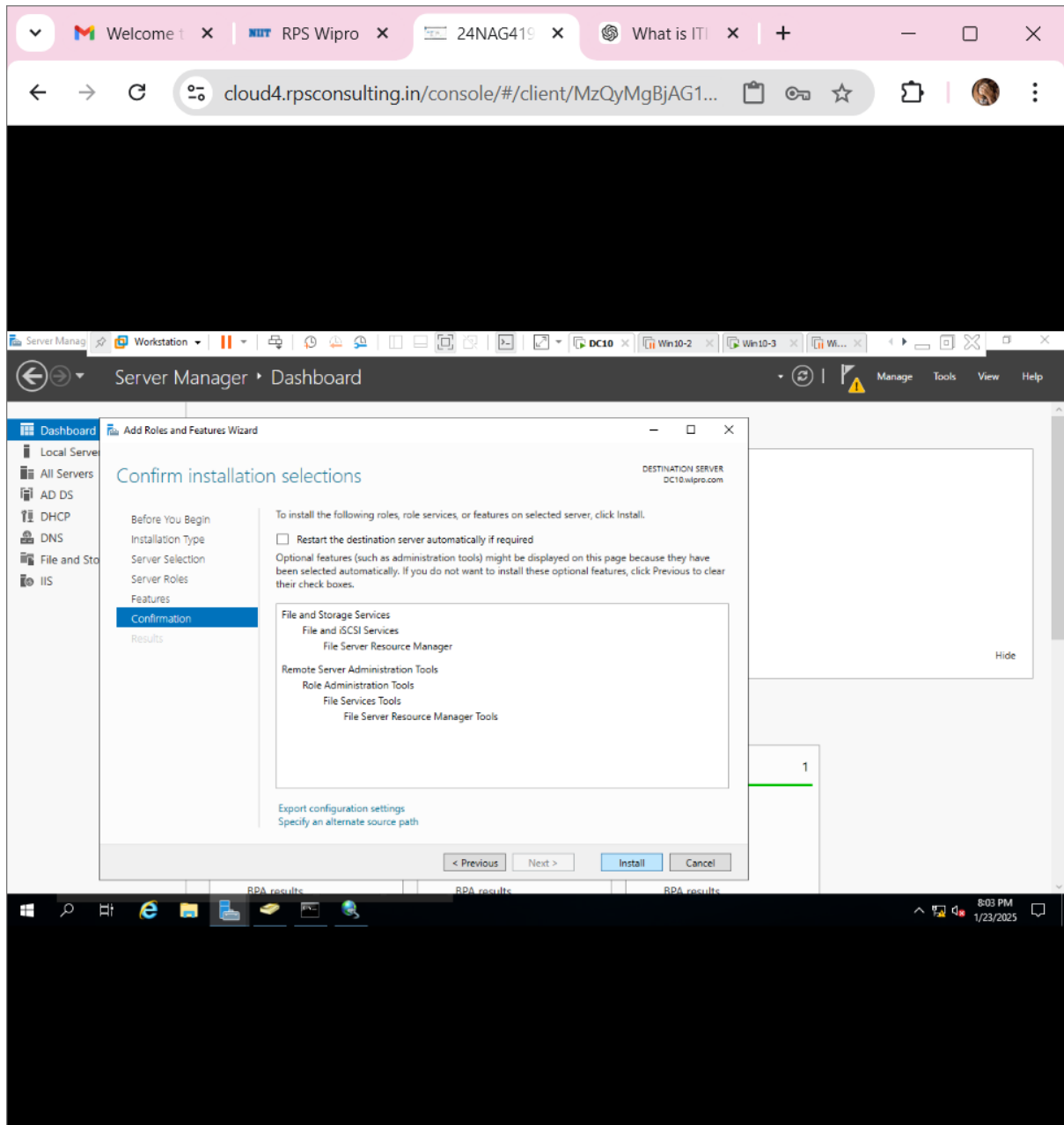
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**CLICK ON NEXT,**

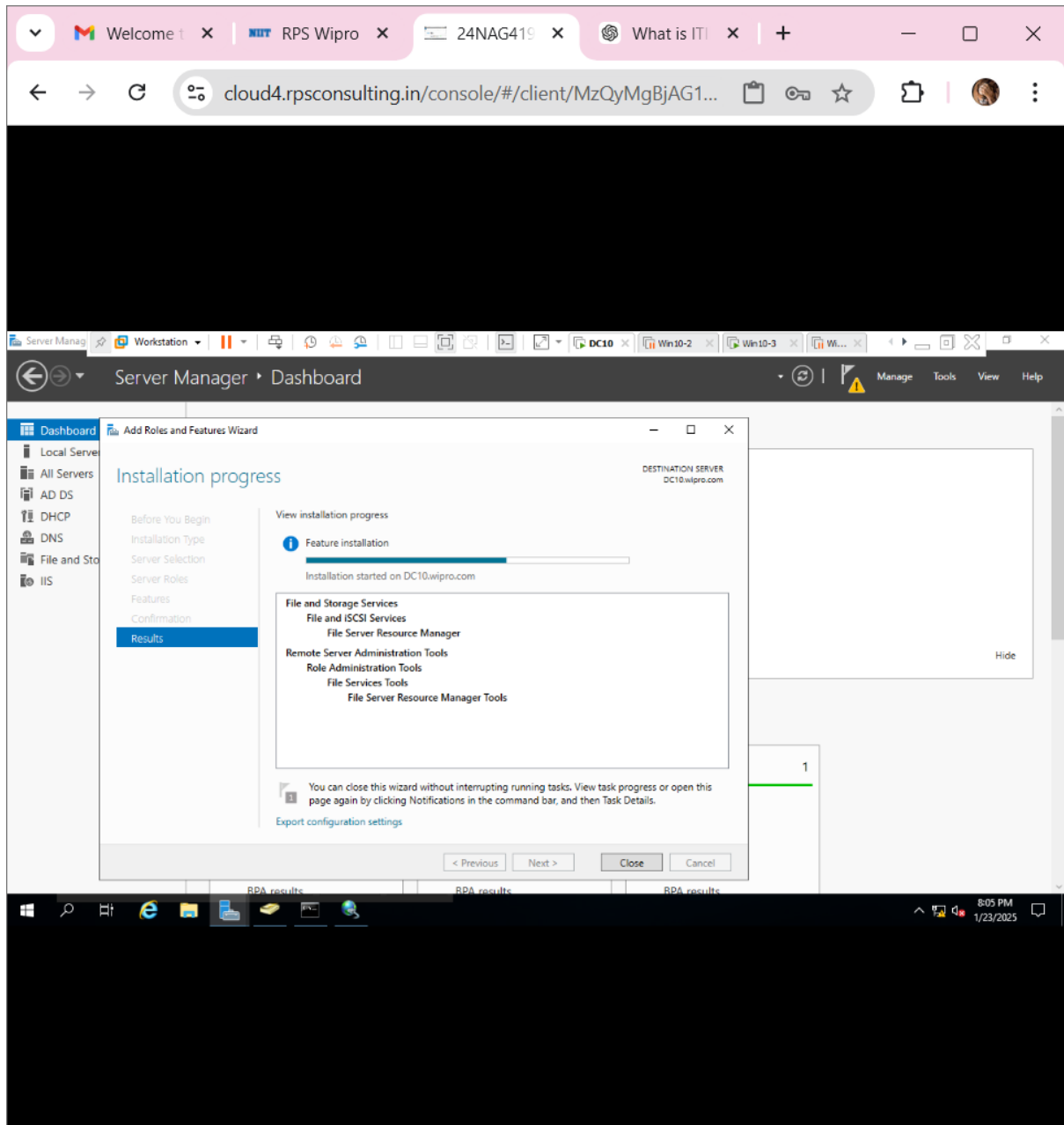


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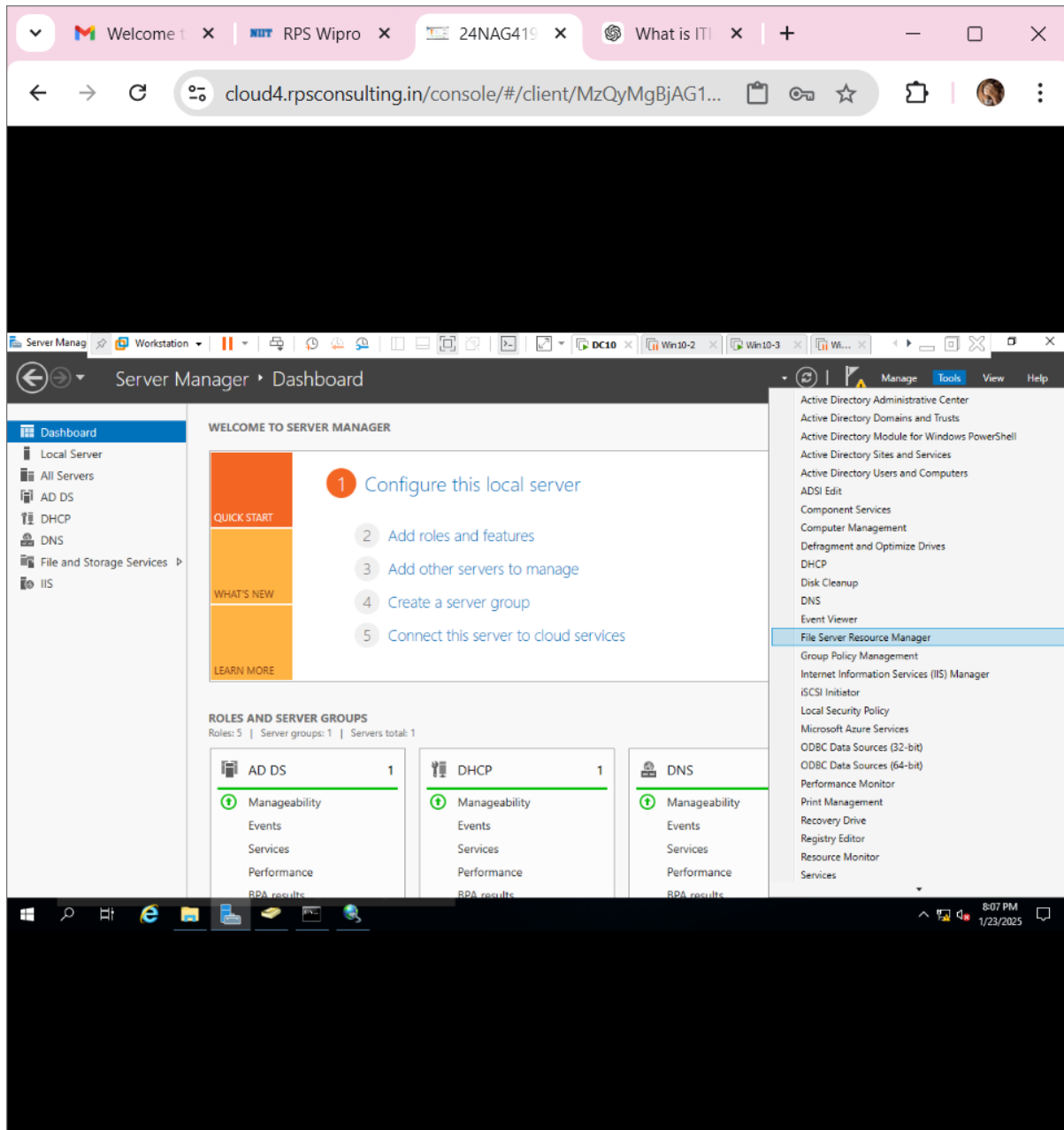


**CLICK ON INSTALL,**

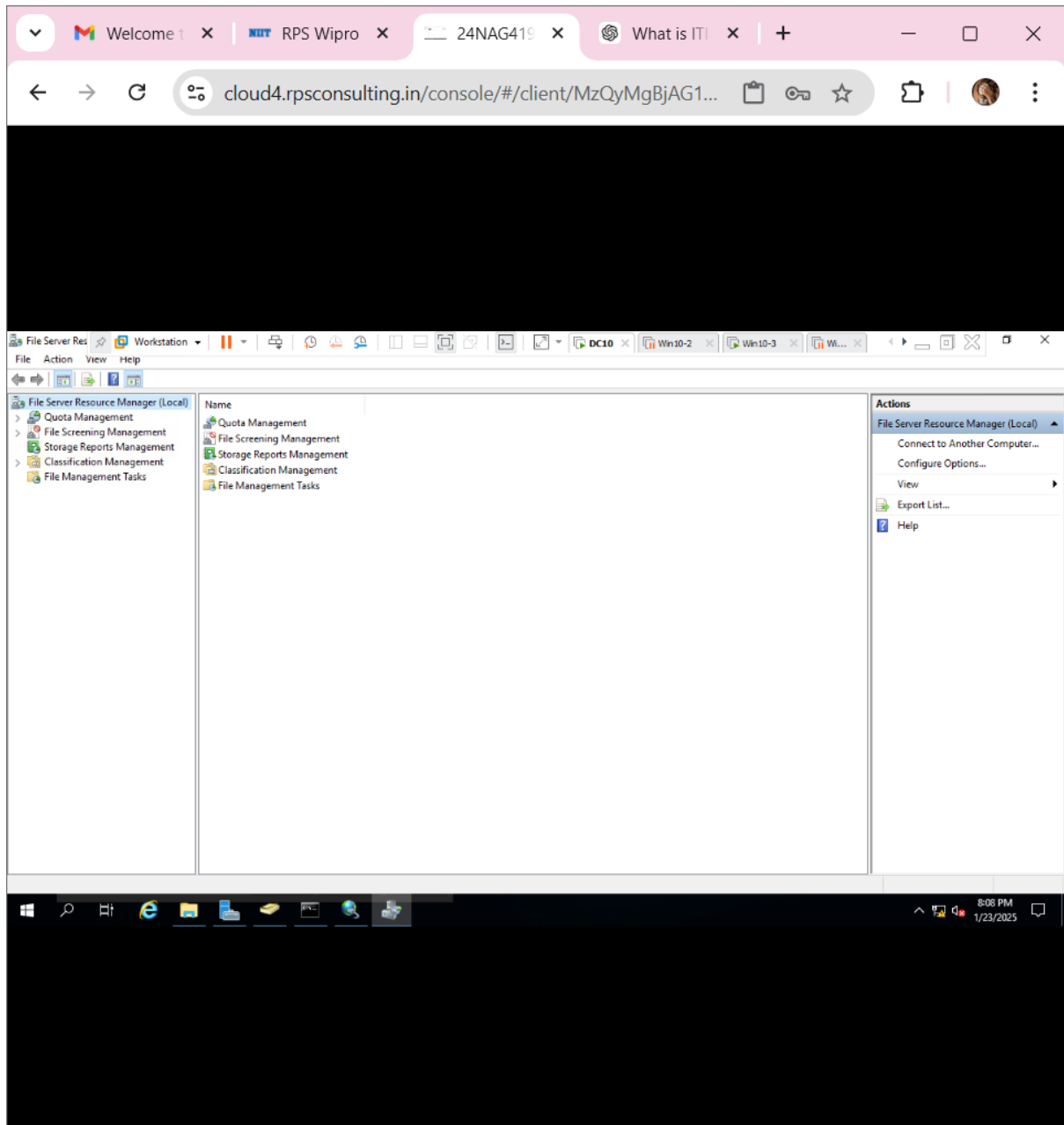
## WIPRO ASSIGNMENT -23



**NOW, CLOSE THE WIZARD.**



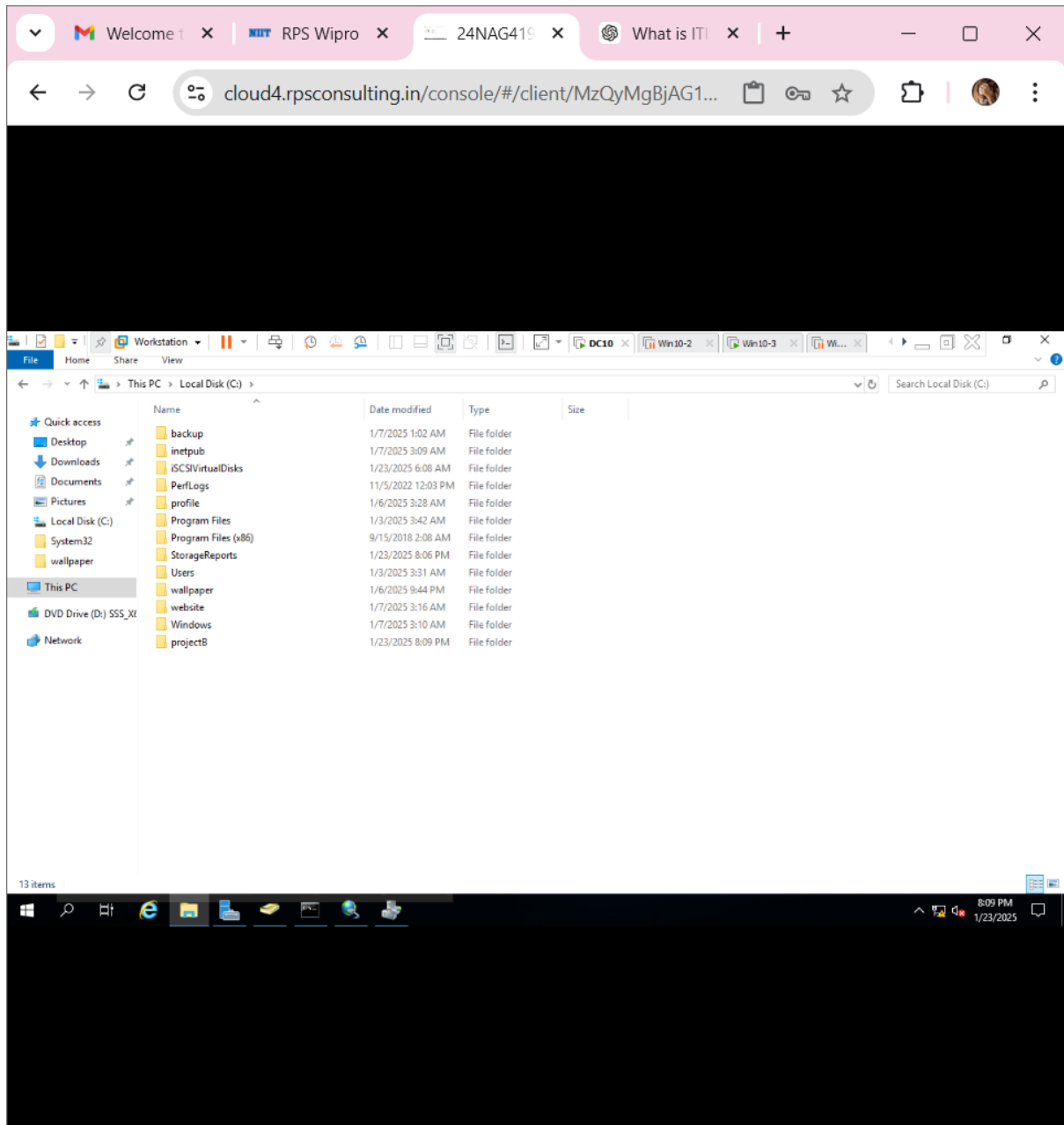
**STEP -3: OPEN THE TOOLS AND SELECT THE SELEC THE FILE SERVER RESOURCE  
MANAGER.**



**WE CAN SEE THAT THERE ARE 5 RESOURCES:**

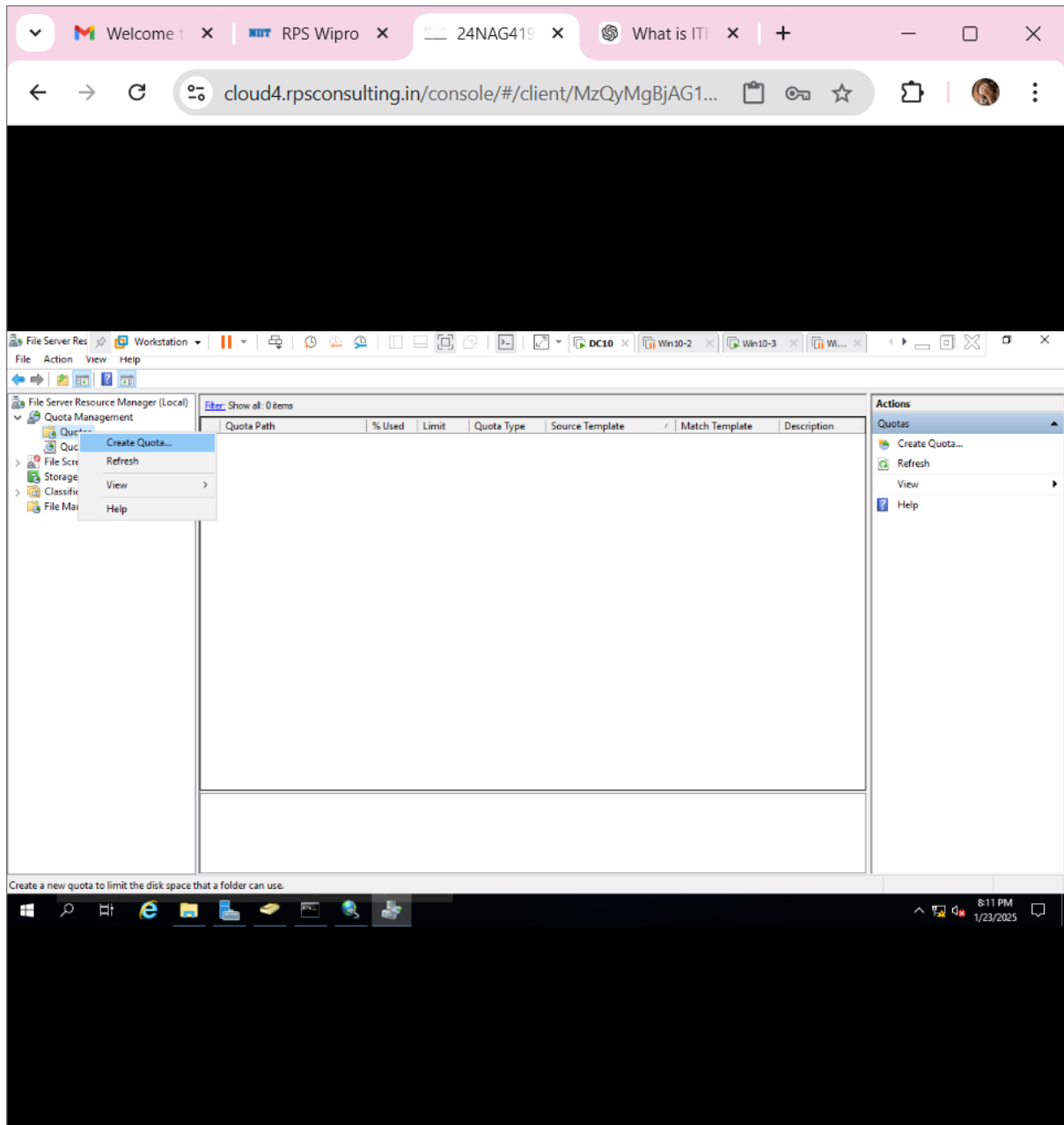
- 1.QOUTA MANAGEMENT**
- 2.FILE SCREENING MANAGEMENT**
- 3.STORAGE REPORTS MANAGEMENT**
- 4.CLASSIFICATION MANAGEMENT**
- 5.FILE MANAGEMENT TASKS**

## WIPRO ASSIGNMENT -23



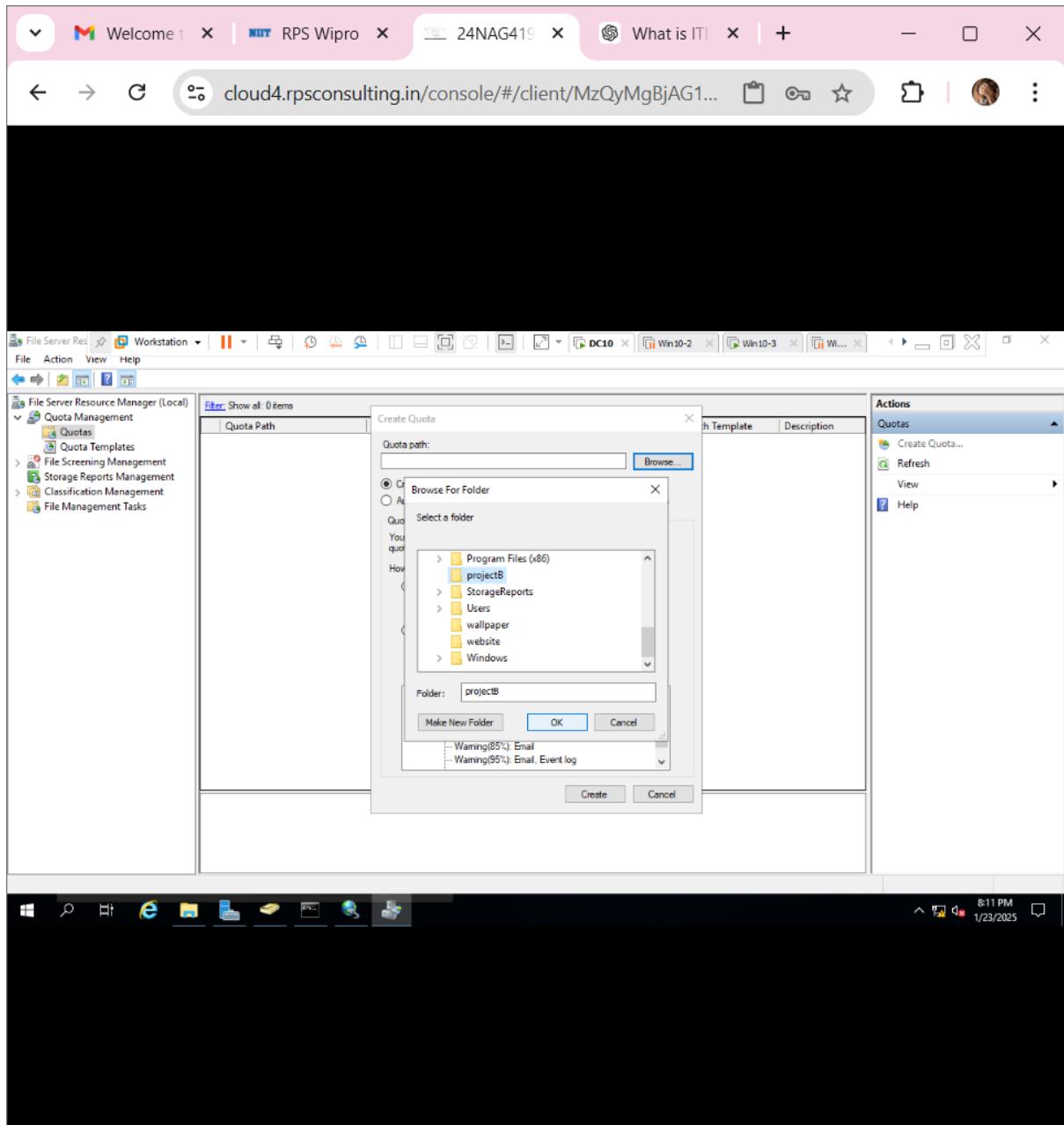
**STEP -4: FIRST CREATE A FOLDER IN THE FILE EXPLORER AS PROJECT B IN C DRIVE.**

**NOW, GO TO THE FILE SERVER RESOURCE MANAGER AND CLICK ON THE QUOTA MANAGEMENT AND RIGHT CLICK IT.**

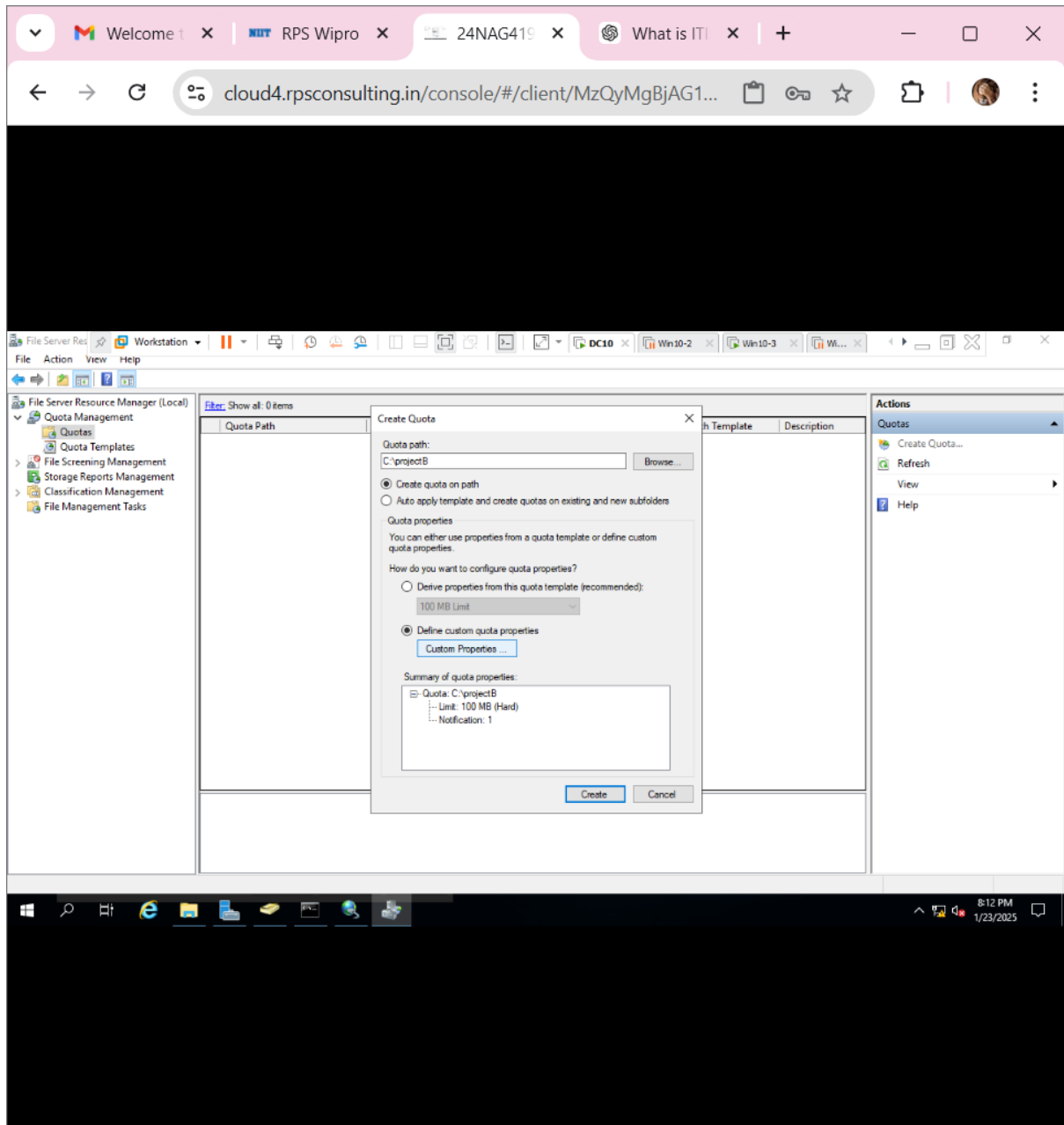


**STEP -5: SELECT THE CREATE QUOTA OPTION IN THAT WE HAVE TO SELECT THE CREATED FOLDER THAT WHICH WE HAVE DONE IN THE C DRIVE.**

## WIPRO ASSIGNMENT -23

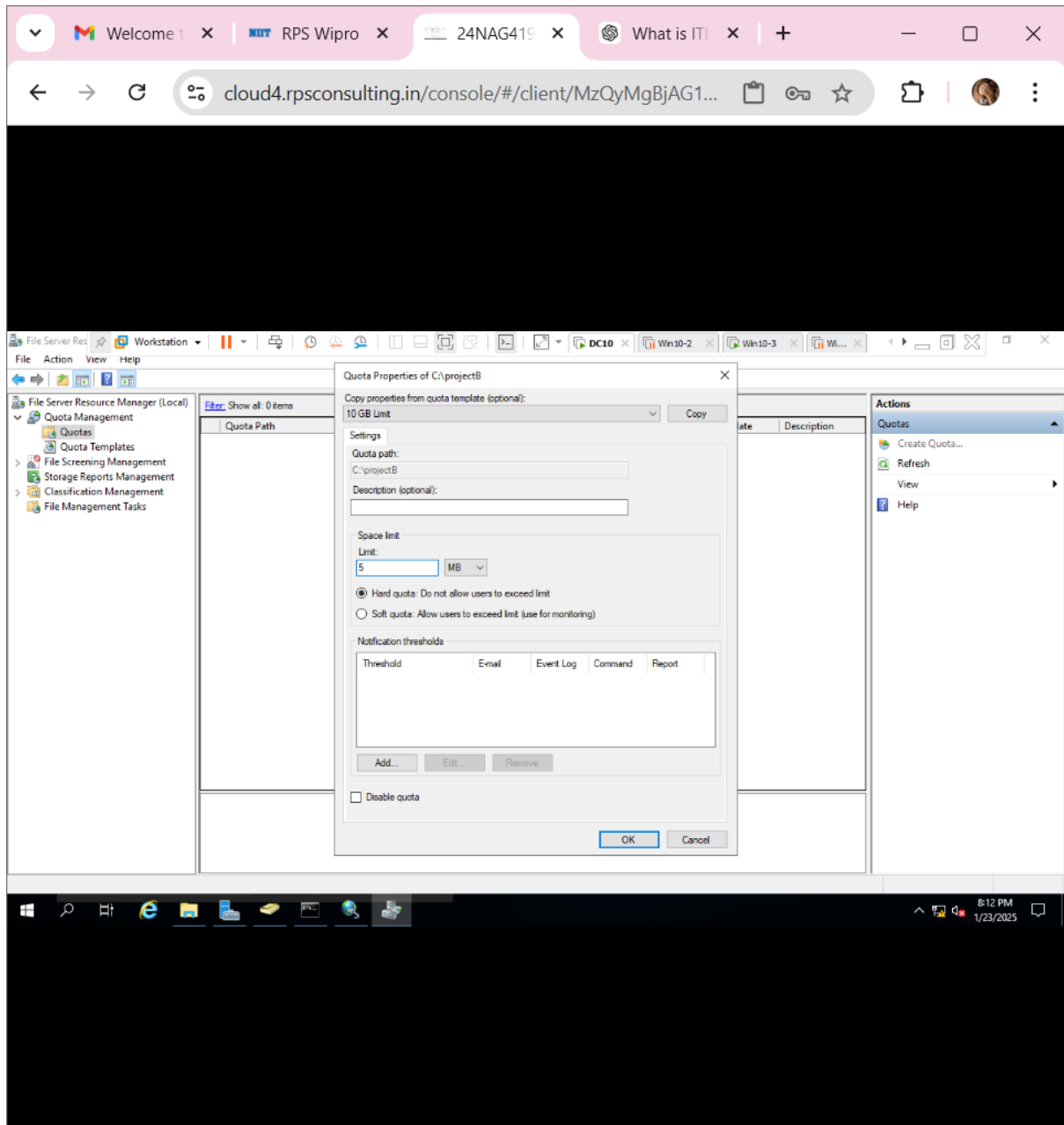


**CLICK OK,**

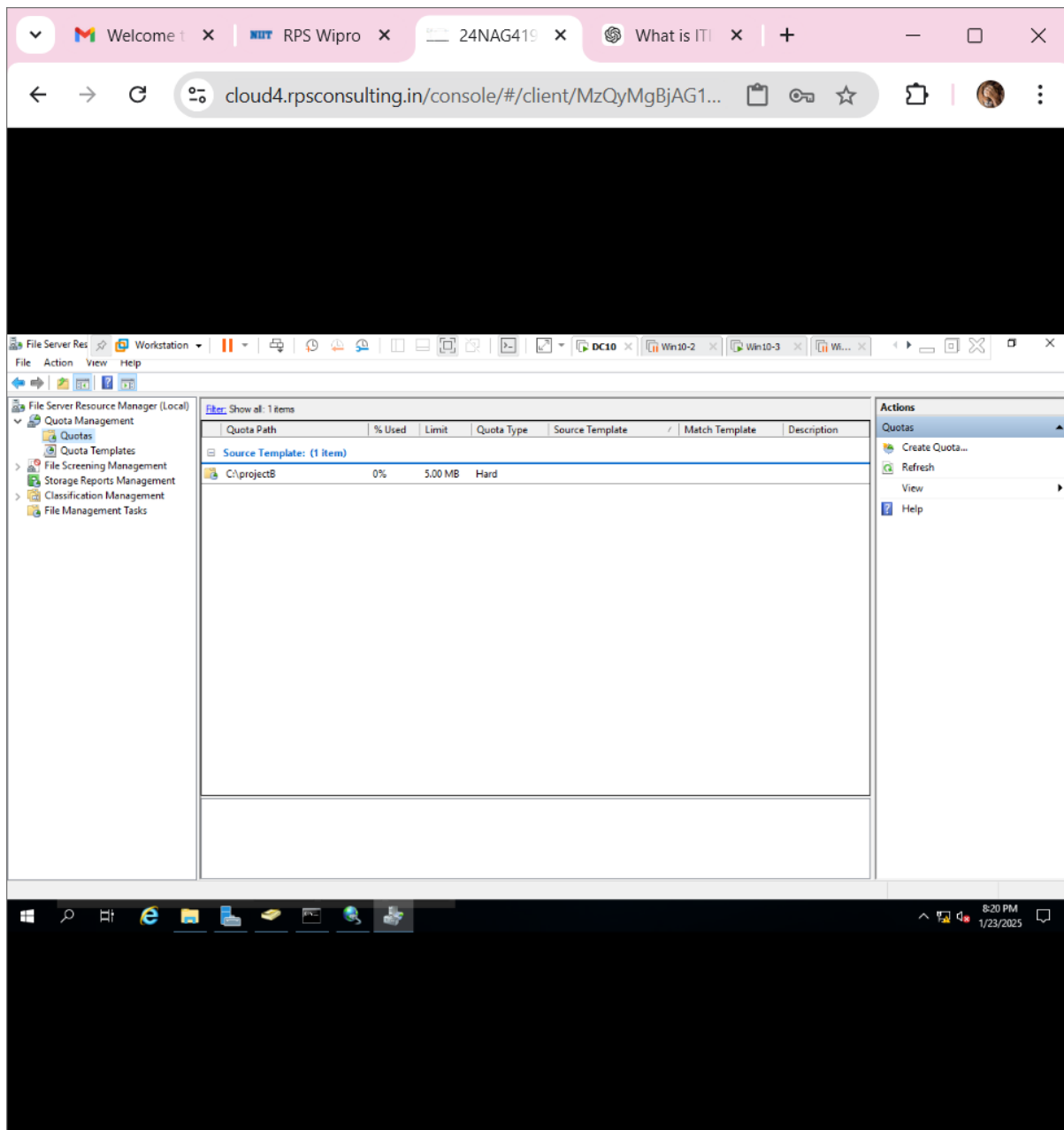


**NOW, SELECT THE CUSTOM PROPERTIES OPTION,**





**WE CAN SET THE SPACE OF THE FILE FOR THE USER TO BE SAVE / STORE.**



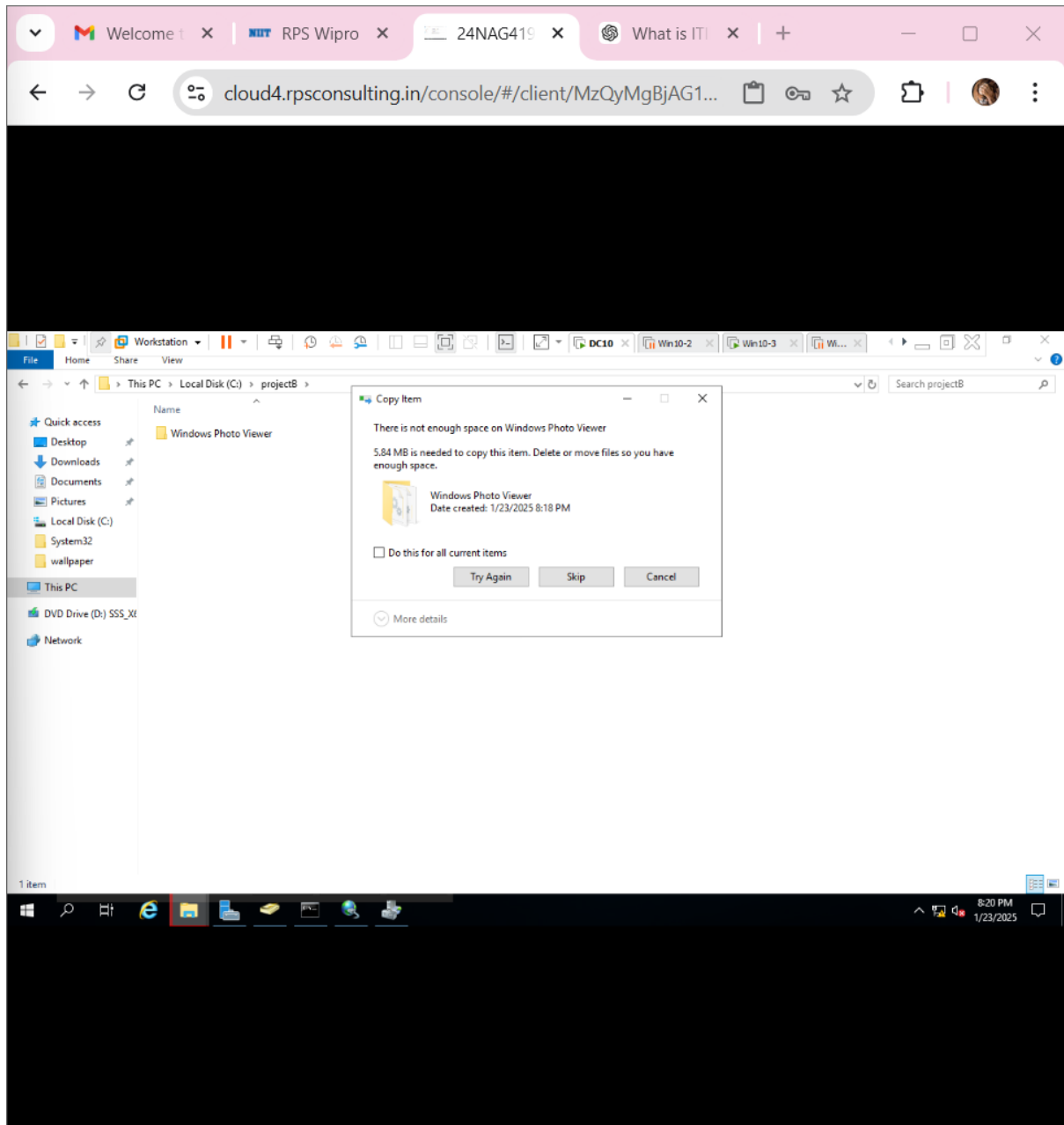
**CLICK OK.**

**NOW CLICK ON CREATE,**

**WE HAVE CREATED THE QUOTA MANAGEMENT SUCCESSFULLY,**

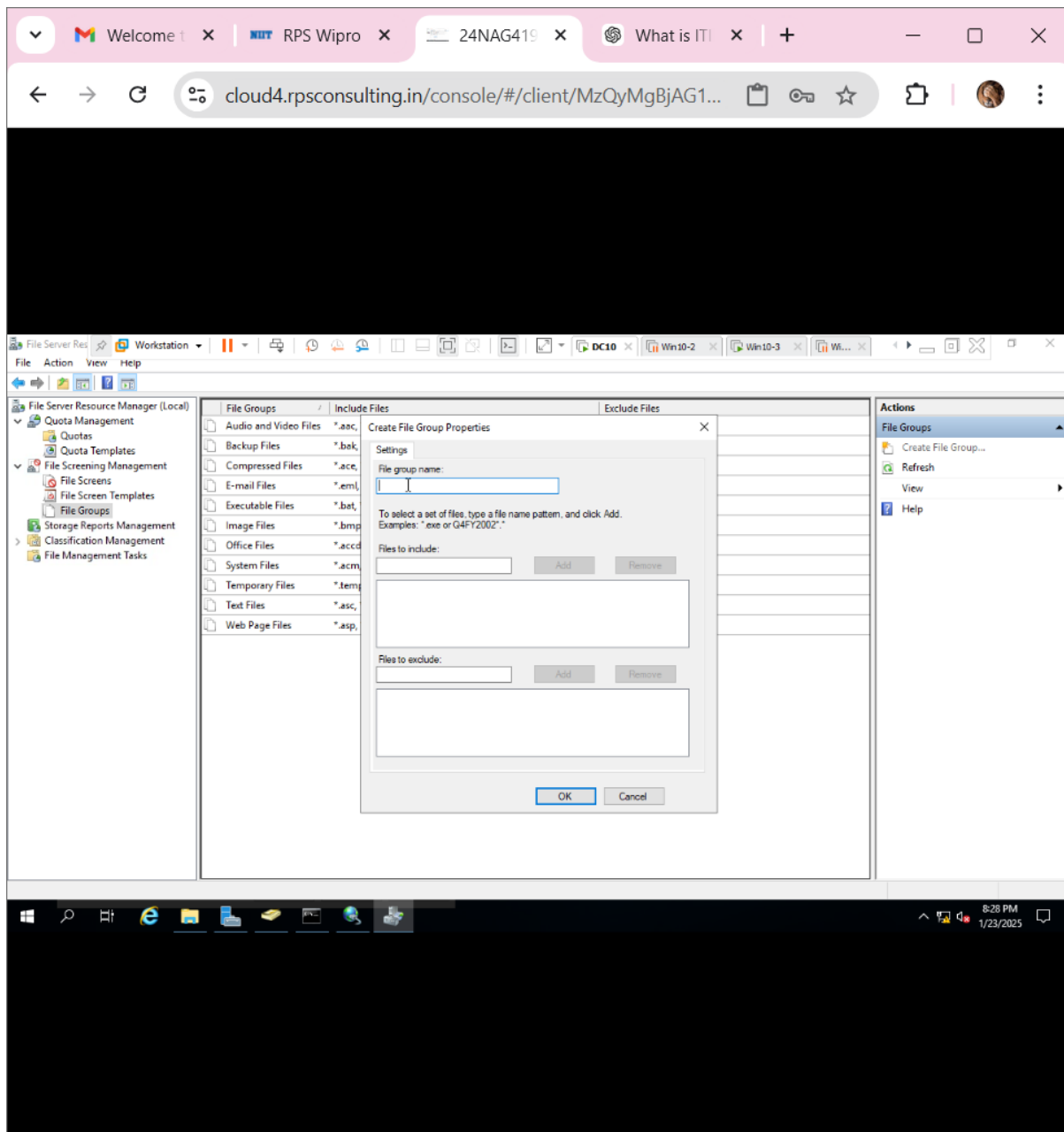
**NOW WE HAVE TO CHECK, FOR THAT GO TO THE FILE EXPLORER AND COPY A FILE WHICH IS GREATER THAN 5 MB AND TRY TO PASTE IT ON THE FOLDER PROJECT B.**

## WIPRO ASSIGNMENT -23



**WE CAN SEE THAT THE WIZARD IS SHOWING THAT THERE IS NO ENOUGH SPACE IN IT.**

**STEP -6: NOW, LET US SEE ABOUT THE FILE SCREENING MANAGEMENT,  
FOR THAT, WE HAVE TO CREATE FILE GROUPS.**



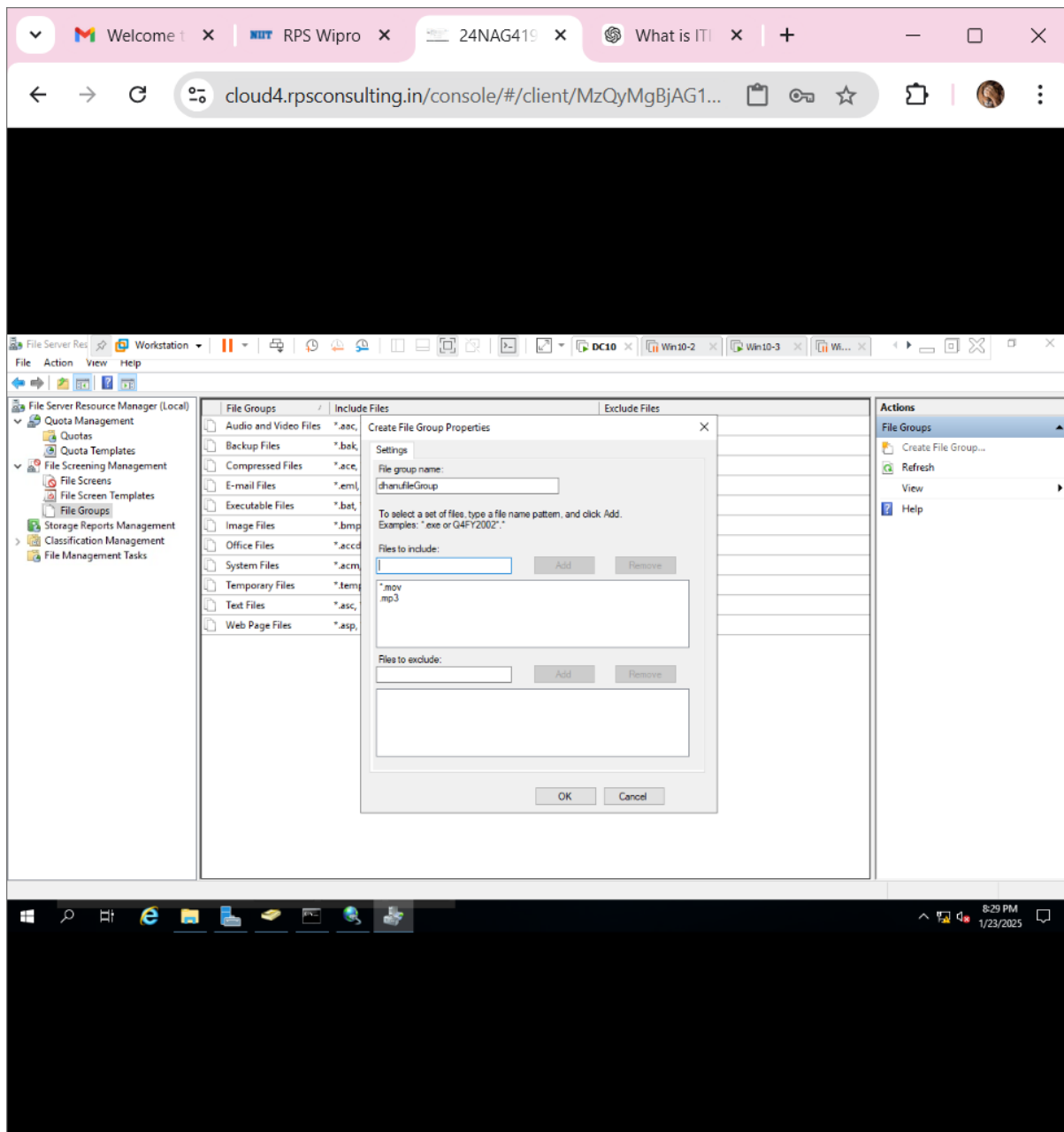
**CLICK ON THE FILE GROUPS OPTION AND GIVE RIGHT CLICK ON IT**

**WE CAN SEE THAT THE FILE GROUPS HERE,**

**THIS MANAGEMENT IS USED TO MANAGE THE USER TO SAVE THE FILES IN THE PARTICULAR TYPE.**

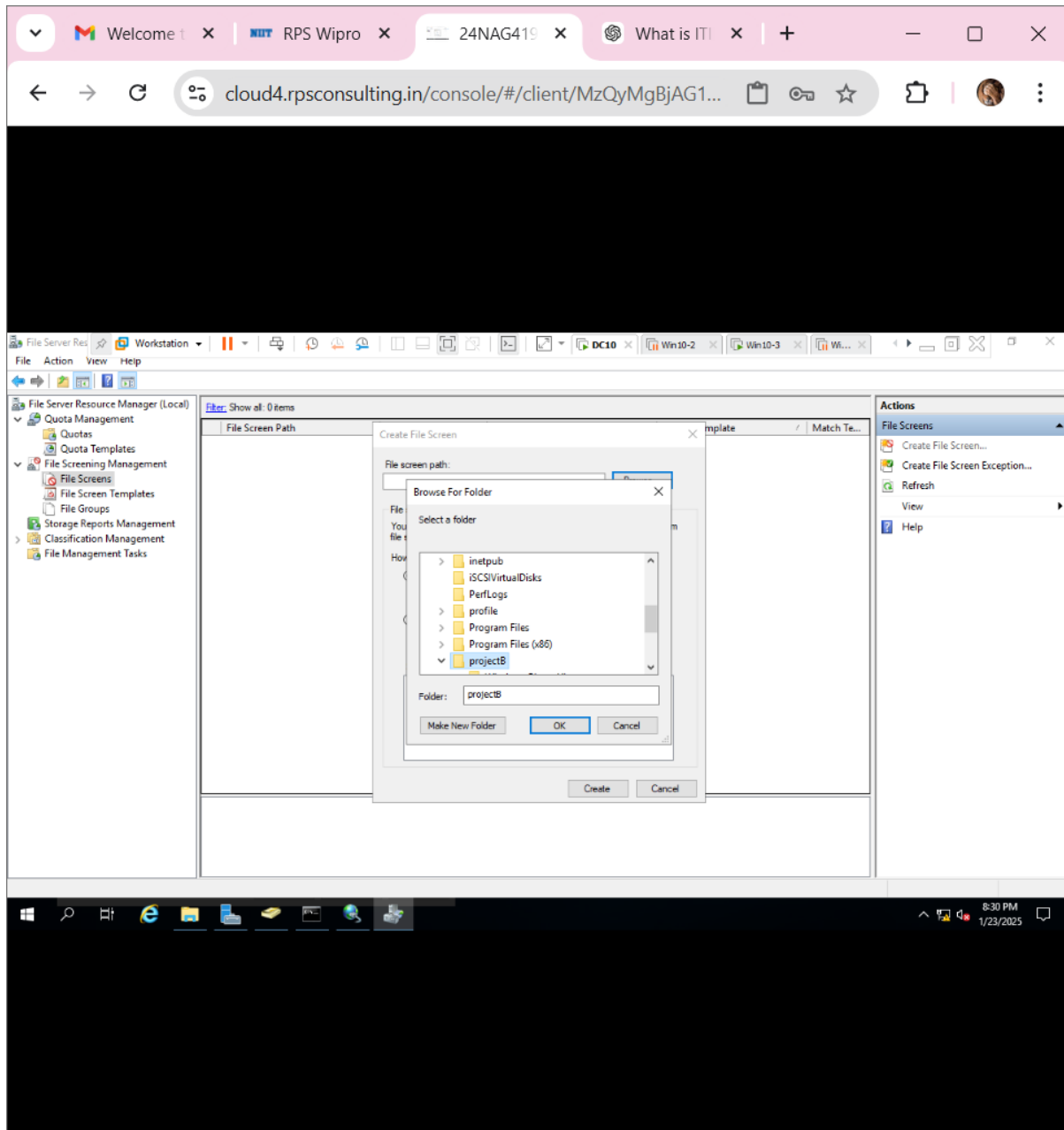
**NOW, I AM CREATING THE GROUP AS THAT THE USER CANNOT STORE THE .MP3 AND .MOV FILES.**

**RIGHT CLICK ON THE FILE GROUP OPTION AND SELECT THE CREATE FILE GROUP IN IT.**



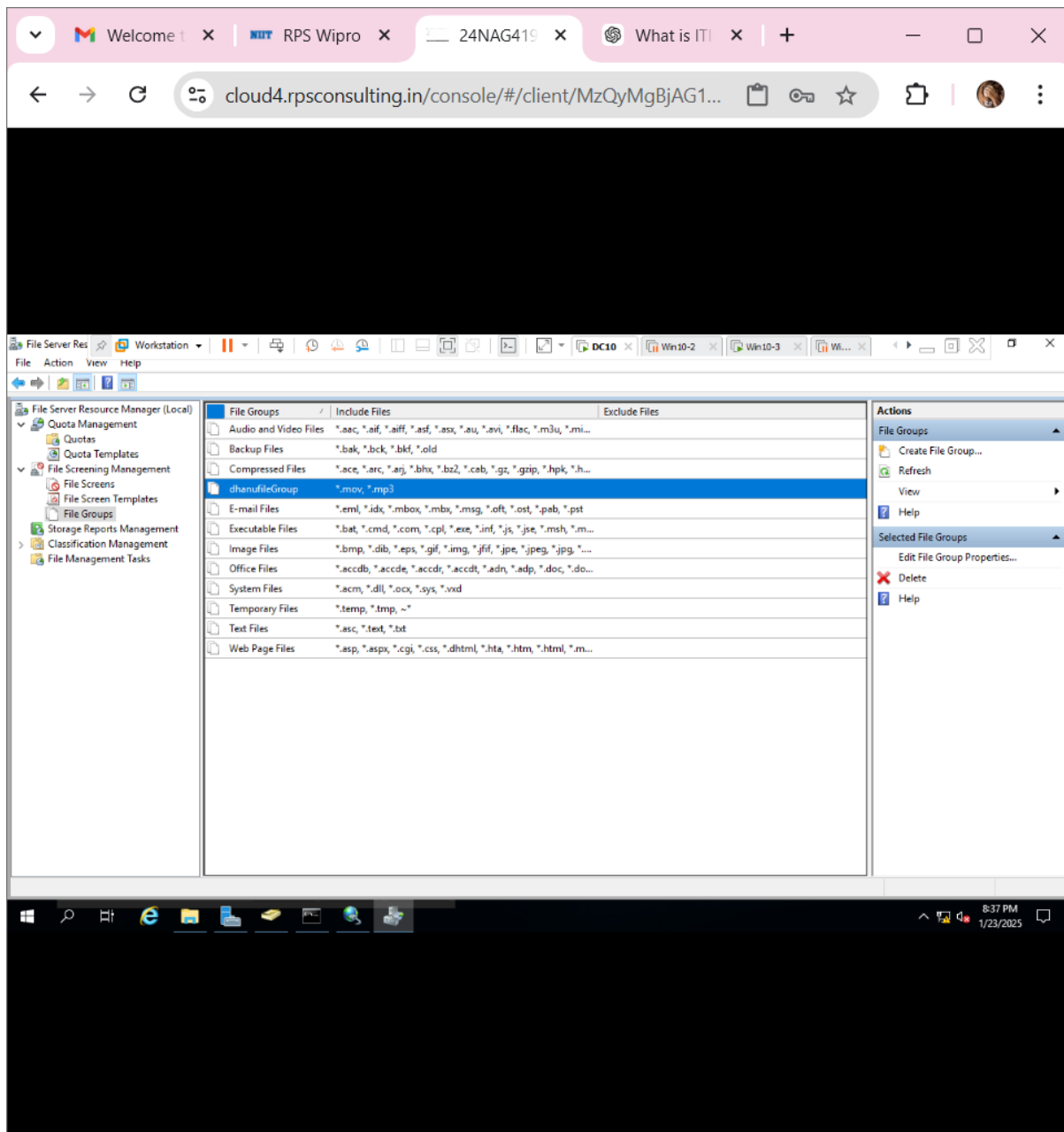
**WE CAN SEE THAT I HAVE GIVEN THE NAME AND FILES IN IT.**

**CLICK NEXT AND SELECT THE FOLDER BT BROWSING IT.**



**CLICK OK, AND CLICK ON CREATE.**

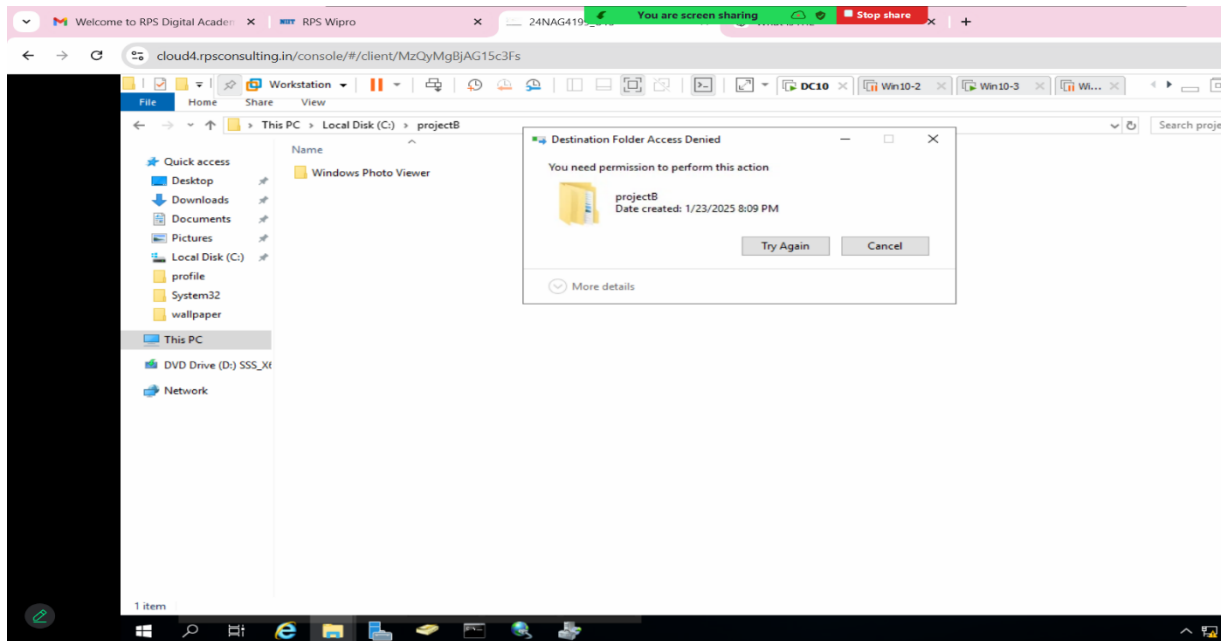
**THUS THE FILE GROUP IS CREATED.**



WE CAN SEE THE FILE GROUP THAT WHICH WE ARE CREATED.

NOW, I TRY TO PASTE THE MP3 FOLDER IN IT.

## WIPRO ASSIGNMENT -23



**WE CAN SEE THAT I AM UNABLE TO STORE THE FOLDER.**

**STEP – 7: NOW, LET US SEE ABOUT THE STORAGE REPORTS MANAGEMENT.**

**IN THIS MANAGEMENT, WE CAN SEE THAT THE**

**LARGE FILES,**

**WHO IS THE OWNER OF THAT FILE,**

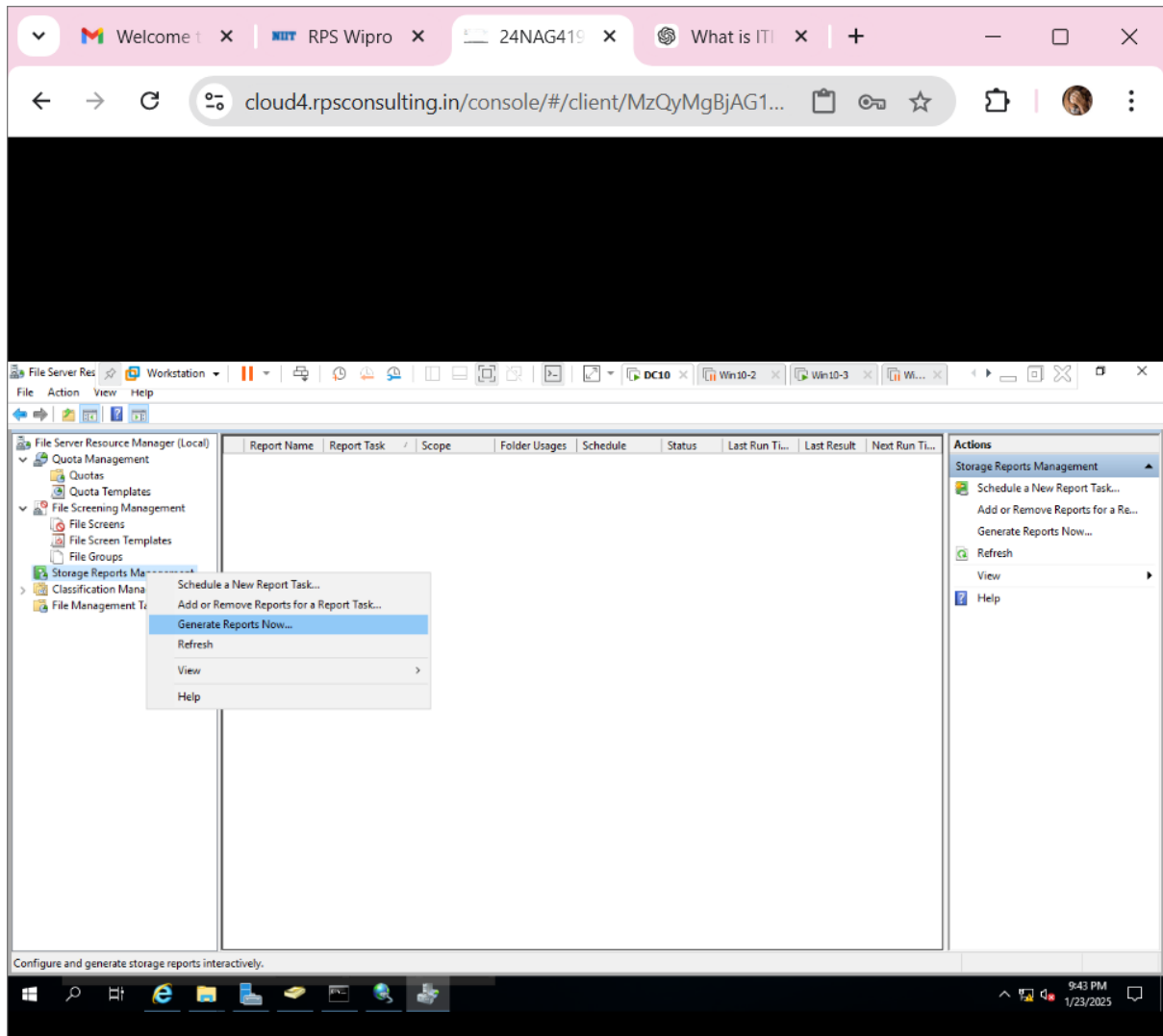
**WHEN IT WAS CREATED,**

**WHAT IS THAT FILE ABOUT, ETC.**

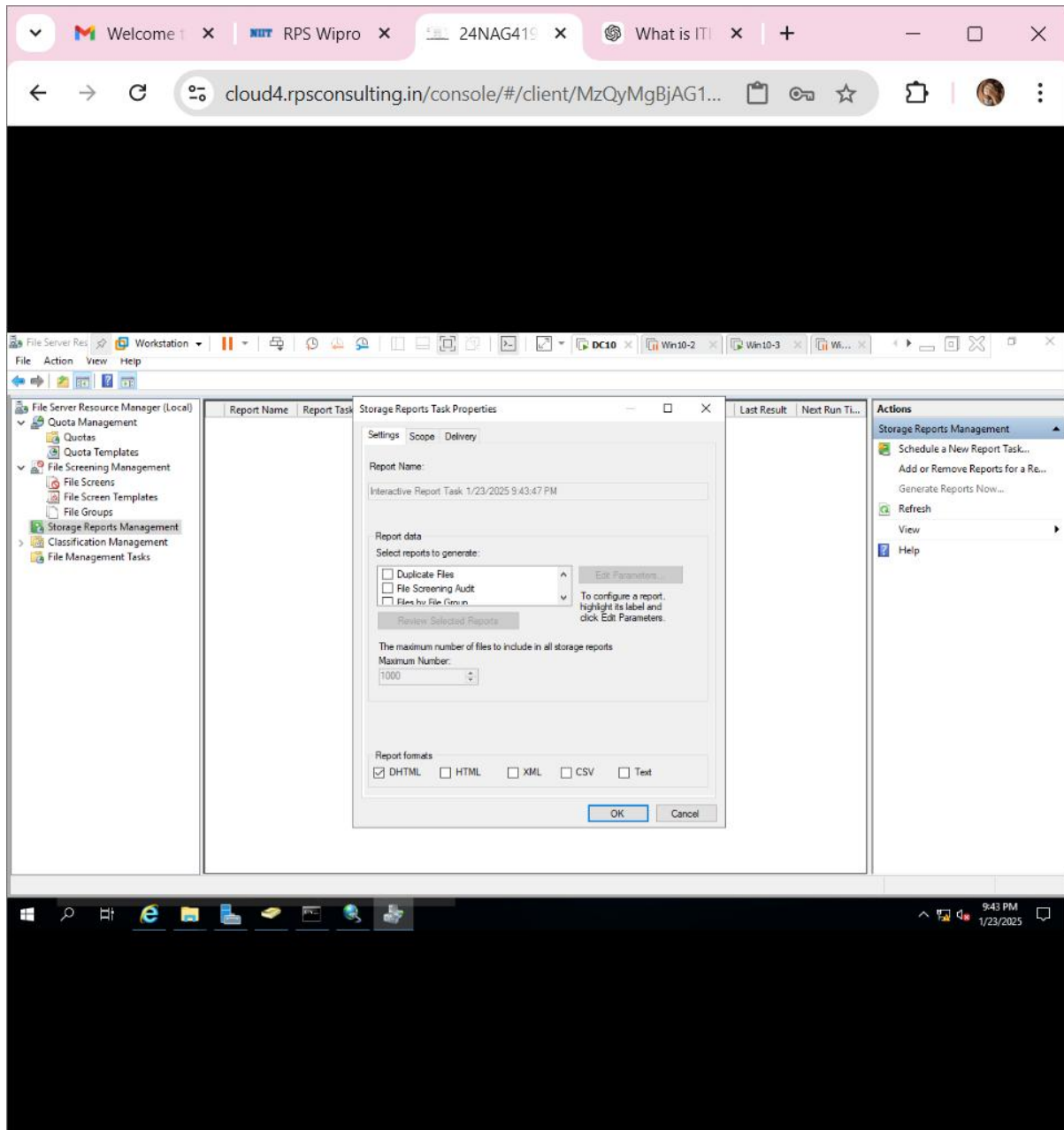
**IN THIS WAY WE CAN SEE THE STORAGE REPORT IN DETAIL.**

**RIGHT CLICK ON THE STORAGE REPORTS MANAGEMENT AND SELECT THE  
GENERATE REPORTS NOW.**





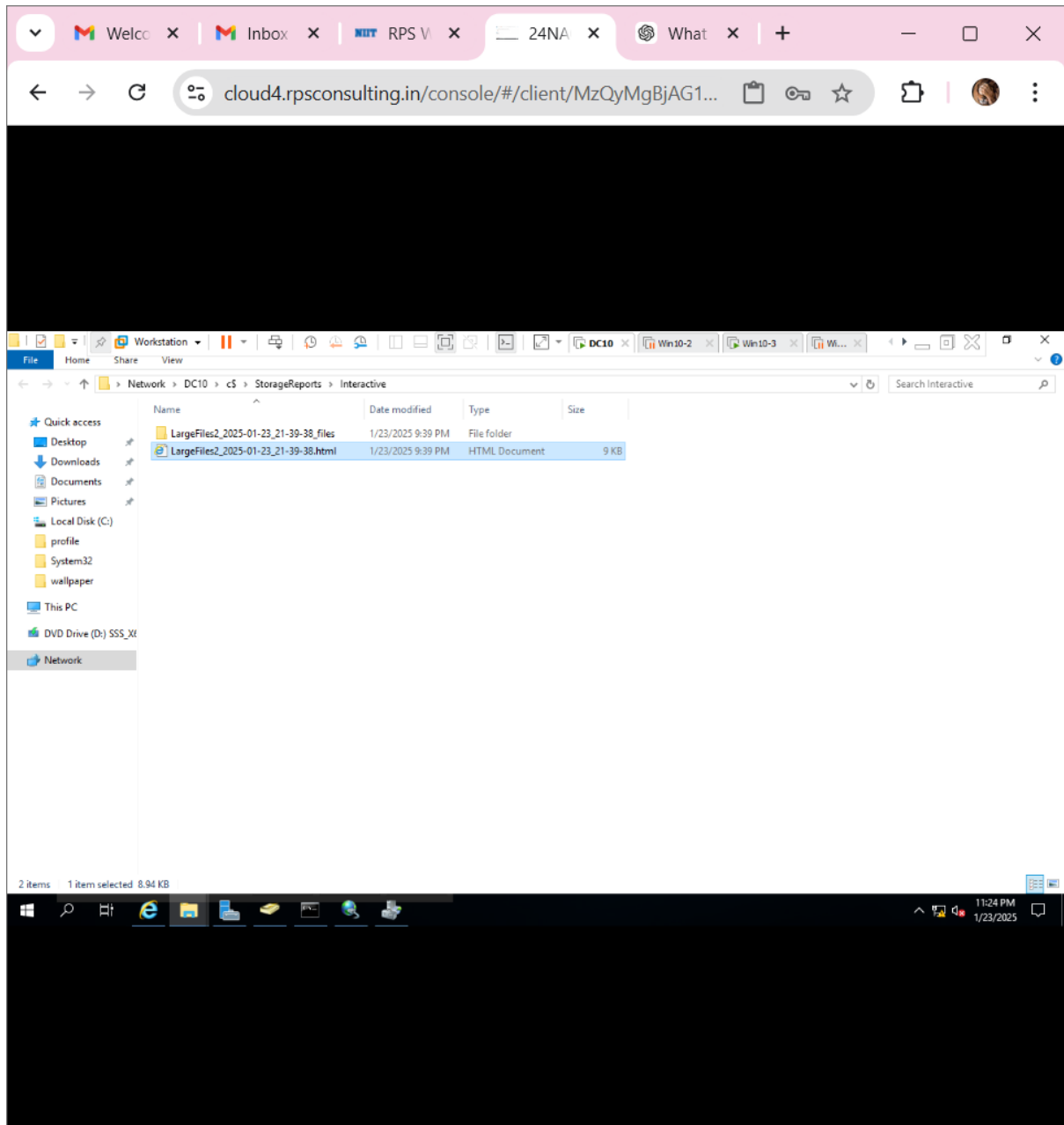
**CLICK ON IT, AND SELECT THE PATH OF THAT FOLDER,**



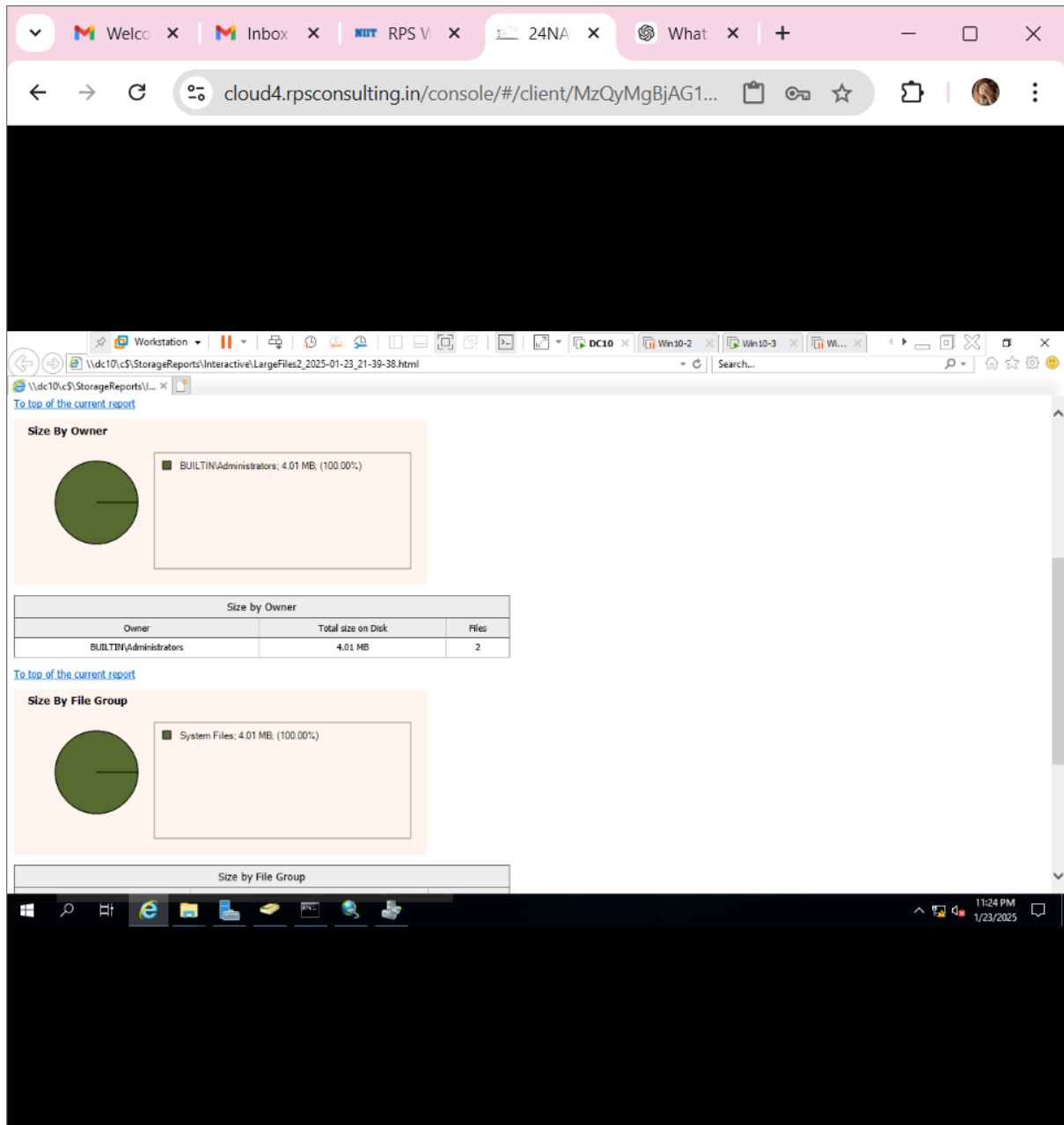
**CLICK ON OK.**

**WE CAN SEE THAT THE REPORT IS CREATED IN THE NETWORK FOLDER IN THE BELOW PICTURE.**

## WIPRO ASSIGNMENT -23



**DOUBLE CLICK ON THE FOLDER.**



WE CAN SEE THE COMPLETE REPORT OF THAT FOLDER HERE.

\*\*\*\*\*THANK YOU\*\*\*\*\*

