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:

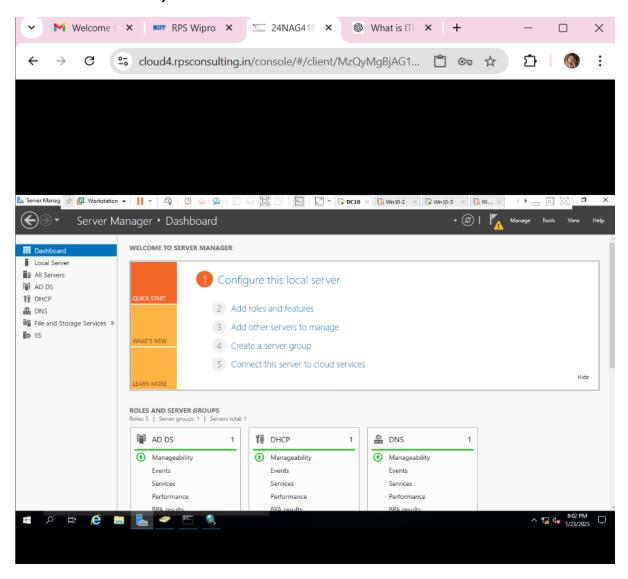
THIS FEATURE LETS YOU BLOCK OR ALLOW SPECIFIC TYPES OF FILES FROM BEING SAVED TO A SERVER. FOR INSTANCE, YOU COULD PREVENT USERS FROM UPLOADING VIDEOS OR EXECUTABLE FILES IN CERTAIN FOLDERS.

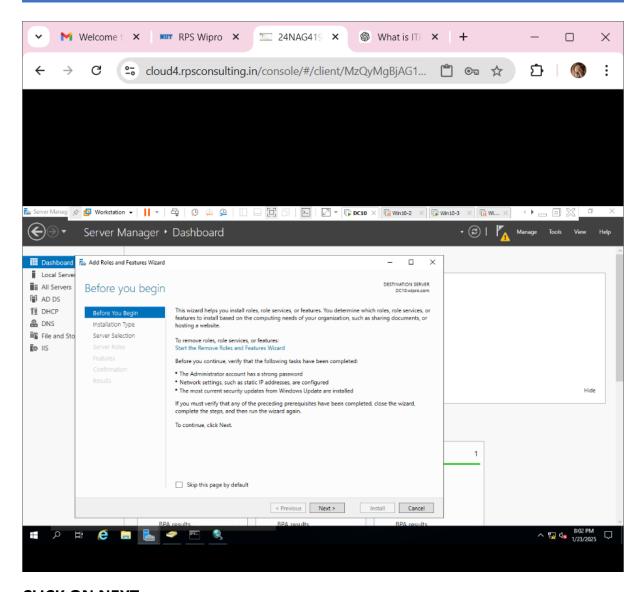
3. STORAGE REPORTS:

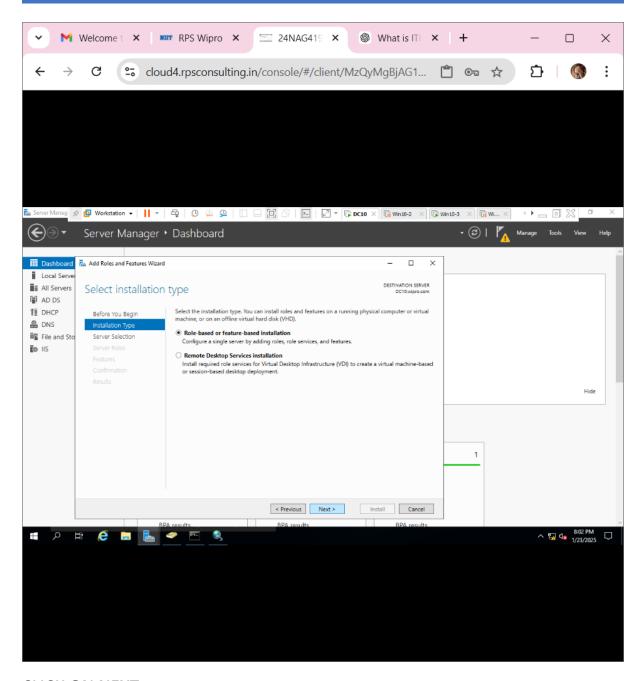
FSRM CAN GENERATE REPORTS THAT SHOW HOW DISK SPACE IS BEING USED. IT CAN ALSO SHOW TRENDS OVER TIME AND IDENTIFY USERS OR FILES CONSUMING EXCESSIVE STORAGE

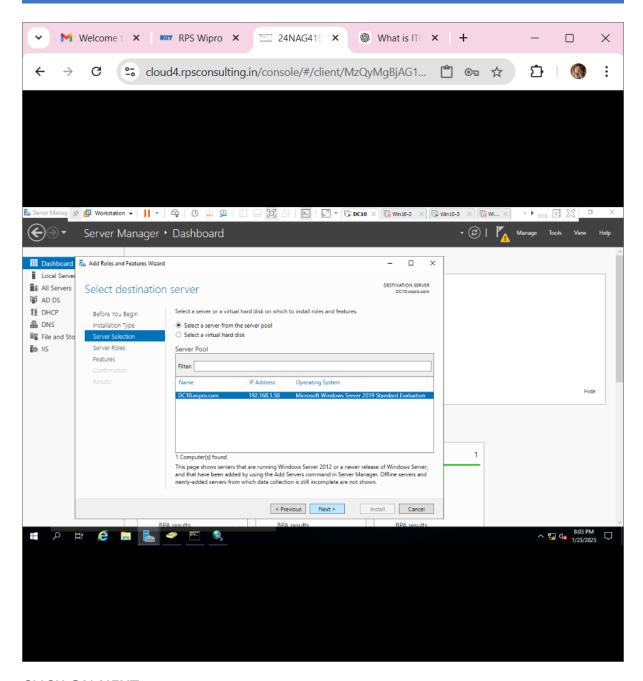
NOW, LETS INSTALL THE FEATURE AND CREATE THEM.

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





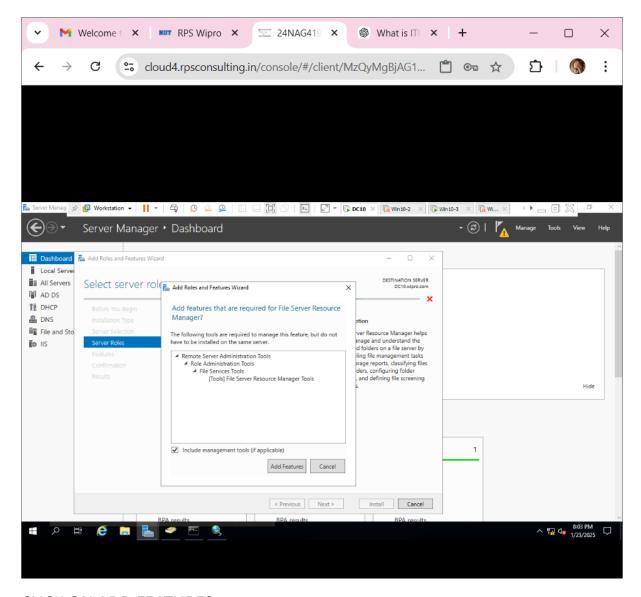




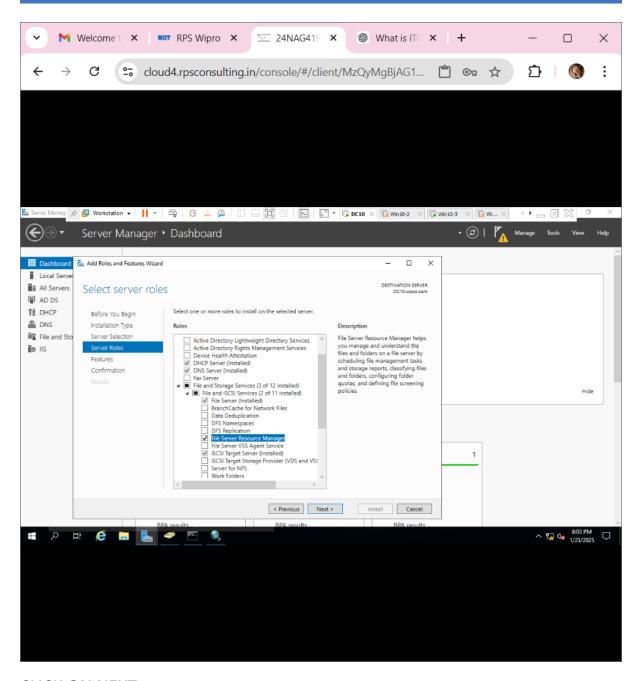
WIPRO ASSIGNMENT -23 M Welcome t X ■ RPS Wipro X ■ 24NAG419 X X G cloud4.rpsconsulting.in/console/#/client/MzQyMgBjAG1... 📋 😋 🛣 호 | 🚳 • ② | 🌇 Manage Tools View Help Server Manager • Dashboard Dashboard Add Roles and Features Wizard × All Servers DESTINATION SERVER DC10.wipro.com Select server roles III AD DS Ñ DHCP Before You Begin Select one or more roles to install on the selected server. 🖴 DNS Installation Type Roles Description Active Directory Lightweight Directory Services Active Directory Rights Management Services Device Health Attestation V DHCP Server (Installed) V DNS Server (Installed) Fax Server File and Storage Services (3 of 12 installed) File and Storage Services (2 of 11 installed) File Server (Installed) File Server (Installed) File And ISCSI Services (2 of 11 installed) File And ISCSI Services (3 of 12 installed) File Data Deduplication DFS Mamespaces DFS Replication File Server Resource Manager helps you manage and understand the files and folders on a file server by scheduling file management tasks and storage reports, classifying files and folders, configuring folder quotas, and defining file screening policies. File and Sto I O Features DFS Replication File Server Resource Manager File Server VSS Agent Service ☐ File Server VSS Agent Service ☑ iSCSI Target Server (Installed) ☐ iSCSI Target Storage Provider (VDS and VSS 1 Server for NFS Work Folders < Previous Next > Install Cancel ■ 2 時 健 🔚 🖶 🧇 🖭 🥄 ^ ¼ 48-03 PM ↓

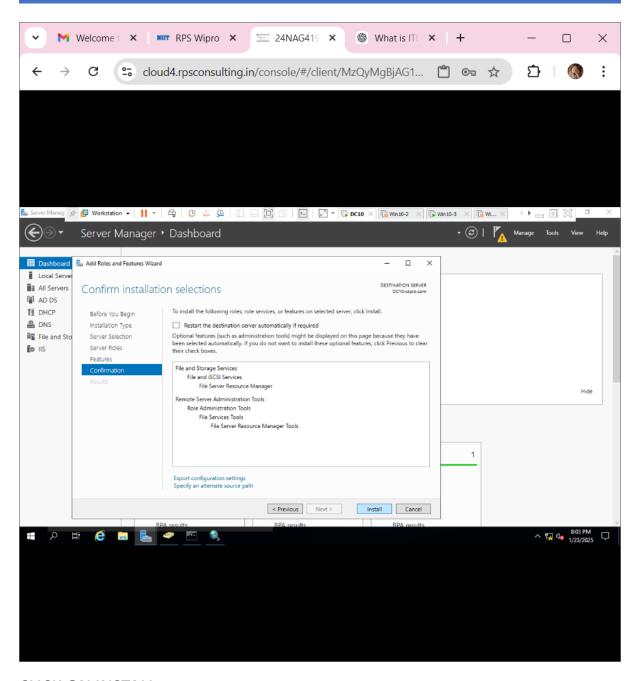
STEP -2: NOW, CLICK ON THE FILE AND STORAGE SERVERS AND EXPAND IT

AND SELECT THE FILE SERVER RESOURCE MANAGER TOOLS.

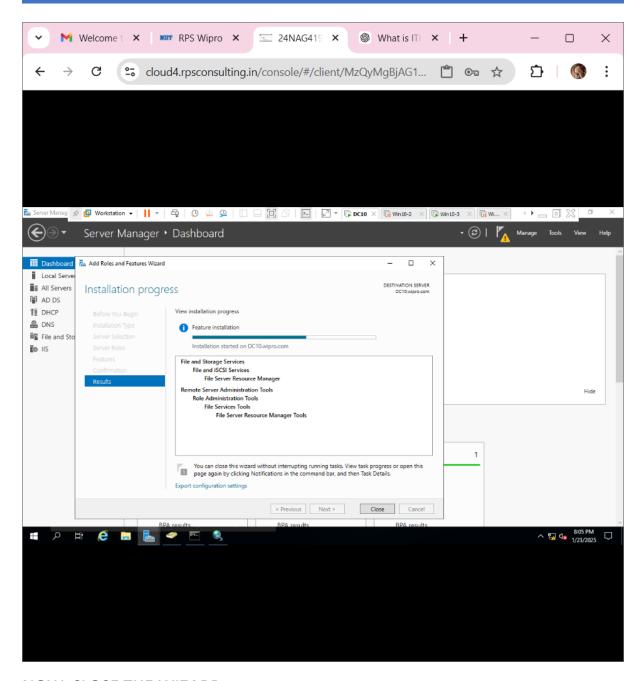


CLICK ON ADD FEATURES,





CLICK ON INSTALL,

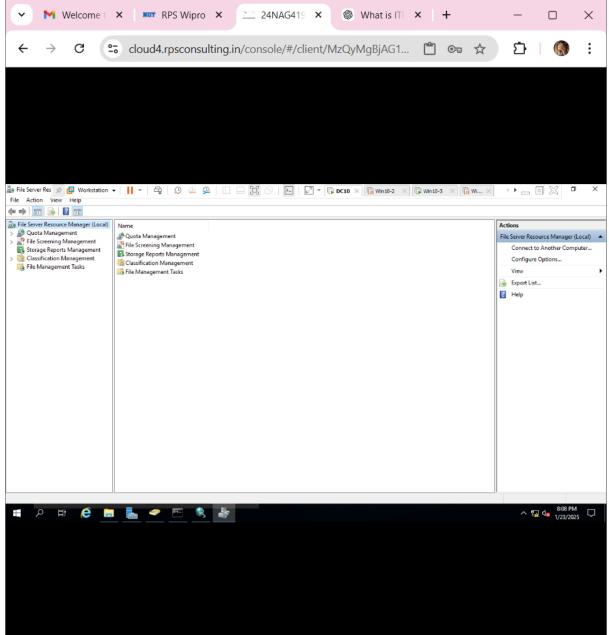


NOW, CLOSE THE WIZARD.

M Welcome t × ■ RPS Wipro × What is ITI ★ + X 😋 cloud4.rpsconsulting.in/console/#/client/MzQyMgBjAG1... 📋 🗪 🛣 G \leftarrow Es Server Manag 🖋 🔞 Workstation 🔻 👖 🔻 🚭 🚯 🤐 😘 😩 🗓 🗎 🖃 🖫 🔝 🔁 🕆 🕞 DC10 × 🕞 Win 10-2 × 🕞 Win 10-3 × 🕞 Win 10-3 × 🕞 Win 10-3 × Server Manager • Dashboard → ② | 🖍 Manage Active Directory Domains and Trusts WELCOME TO SERVER MANAGER III Dashboard Active Directory Module for Windows PowerShell All Servers Active Directory Users and Computers Configure this local server III AD DS ADSI Edit Component Services ĨĪ DHCP Computer Management 2 Add roles and features 🕰 DNS Defragment and Optimize Drives ■ File and Storage Services ▷ DHCP 3 Add other servers to manage Disk Cleanup Es IIS WHAT'S NEW 4 Create a server group DNS 5 Connect this server to cloud services File Server Resource Manager Group Policy Management Internet Information Services (IIS) Manager iSCSI Initiator Local Security Policy ROLES AND SERVER GROUPS Microsoft Azure Services ODBC Data Sources (32-bit) ODBC Data Sources (64-bit) AD DS 1 T DHCP A DNS Performance Monitor Manageability Manageability Manageability Print Management Recovery Drive Registry Editor Services Services Services Resource Monitor Performance Performance Services ^ ¼ 4 8:07 PM ↓ 🛚 🌣 🛱 🧲 📜 🖶 🧇

WIPRO ASSIGNMENT -23

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**

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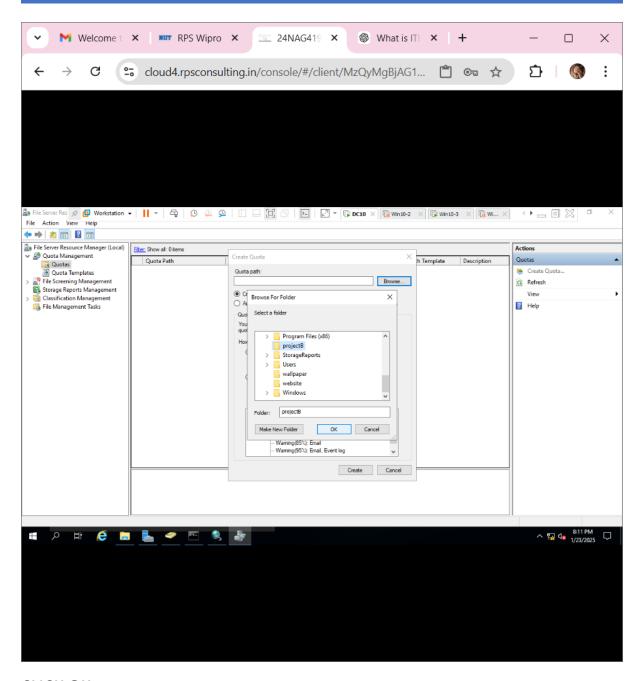
STEP -4: FIRST CREATE A FOLDER IN THE FILE EXPLORER AS PROJECT B IN C DRIVE.

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

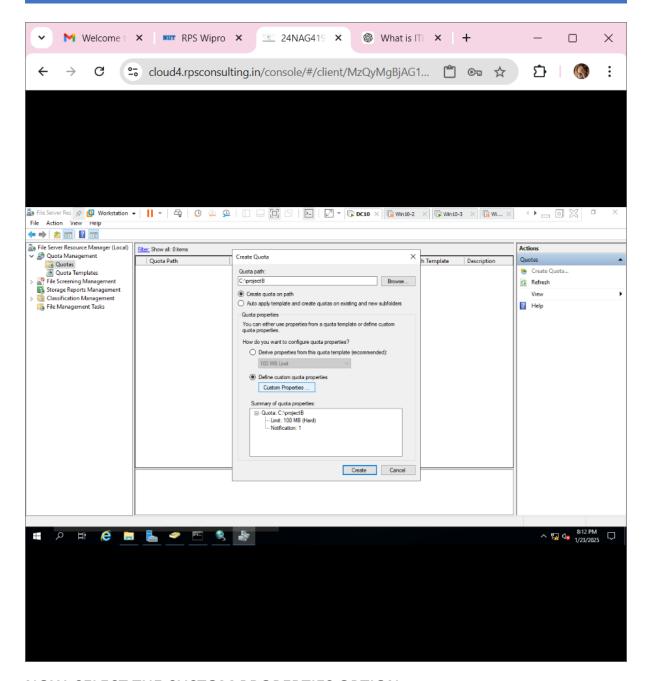
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STEP -5: SELECT THE CREATE QUOTA OPTION IN THAT WE HAVE TO SELECT

THE CREATED FOLDER THAT WHICH WE HAVE DONE IN THE C DRIVE.



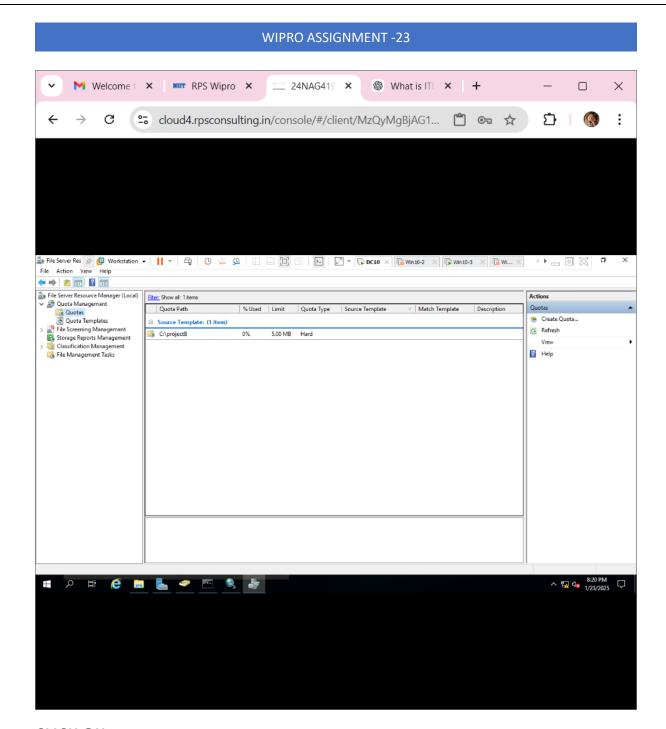
CLICK OK,



NOW, SELECT THE CUSTOM PROPERTIES OPTION,

WIPRO ASSIGNMENT -23 M Welcome t X ■ RPS Wipro X ■ 24NAG419 X X 💲 cloud4.rpsconsulting.in/console/#/client/MzQyMgBjAG1... 📋 🖘 🏚 🗓 G Quota Properties of C:\projectB File Server Resource Manager (Local) Quota Management Quota Path Copy properties from quota template (optional): 10 GB Limit Actions Jouota Management Jouotas Jouota Templates File Screening Management Storage Reports Management Classification Management File Management Tasks Quota Path Quotas Settings Create Quota... Quota path Refresh View Description (optional): Pelp Space limit Limit: MB ~ Hard quota: Do not allow users to exceed limit. O Soft quota: Allow users to exceed limit (use for monitoring) Notification thresholds Event Log Command Report Add... Edt... Remove Disable quota OK Cancel ■ 2 単 🤌 🗎 🧈 🕾 ^ ¼ 4s 12 PM ↓

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



CLICK OK.

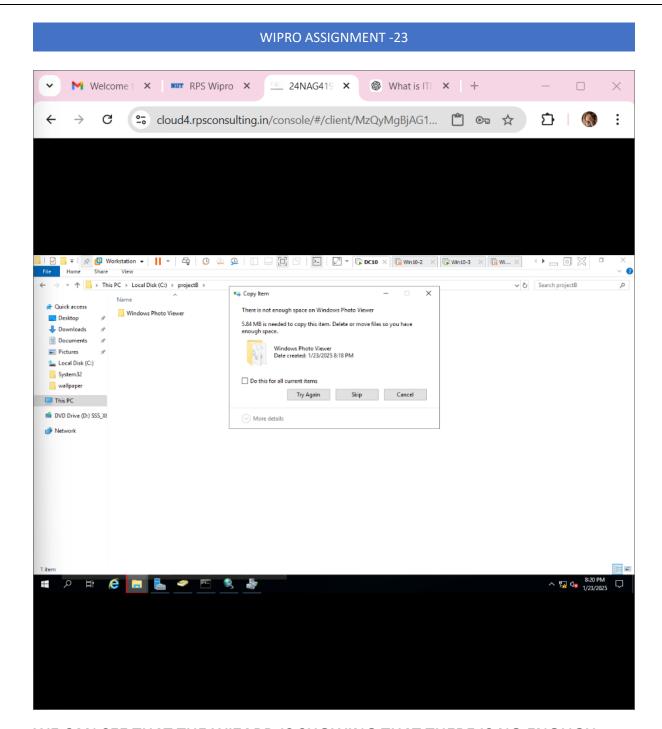
NOW CLICK ON CREATE,

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.



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.

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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.

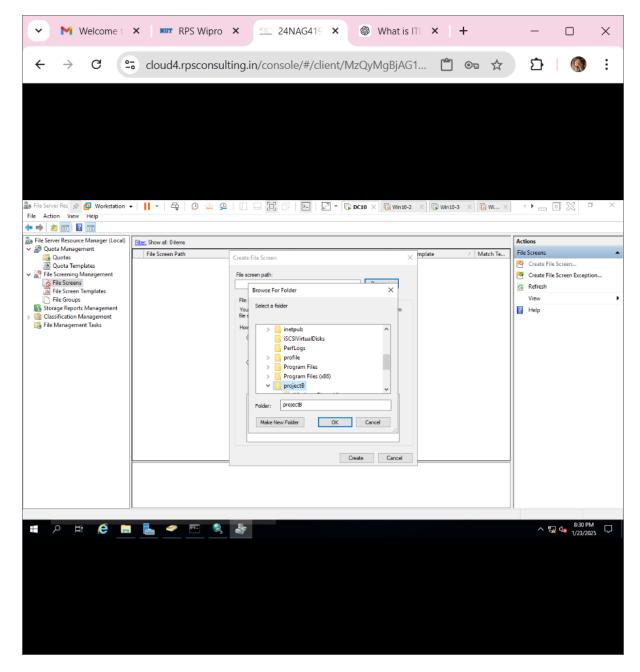
RIGHT CLICK ON THE FILE GROUP OPTION AND SELECT THE CREATE FILE GROUP IN IT.

M Welcome t X ■ RPS Wipro X = 24NAG419 X X G 💲 cloud4.rpsconsulting.in/console/#/client/MzQyMgBjAG1... 📋 🖘 🏚 🗓 🛛 File Server Resource Manager (Local) File Groups / Include Files Audio and Video Files *.aac, Create if Exclude Files Actions Audio and Video Files *.aac, Create File Group Properties File Groups Quotas Quotas Quotas Templates File Screening Management Backup Files Compressed Files *.bak, Settings Create File Group... *.ace, File group name: Refresh ile Screening Management ile File Screens ile File Screen Templates ile File Groups Storage Reports Management ile Classification Management ile File Management Tasks E-mail Files *.eml, dhanufileGroup View Executable Files *.bat, Pelp To select a set of files type a file name pattern, and click Add. Examples: "exe or Q4FY2002"." Image Files *.bmp Office Files *.accd Files to include: System Files *.acm Add Remove Temporary Files *.tem *.mov .mp3 Text Files *.asc. Web Page Files *.asp, Files to exclude: Add Remo OK Cancel 🖪 2 財 🤌 🔚 🖶 🧇 🖭 🥄 🧦 ^ ¼ 4s 29 PM ↓

WIPRO ASSIGNMENT -23

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

CLICK NEXT AND SELECT THE FOLDER BT BROWSING IT.



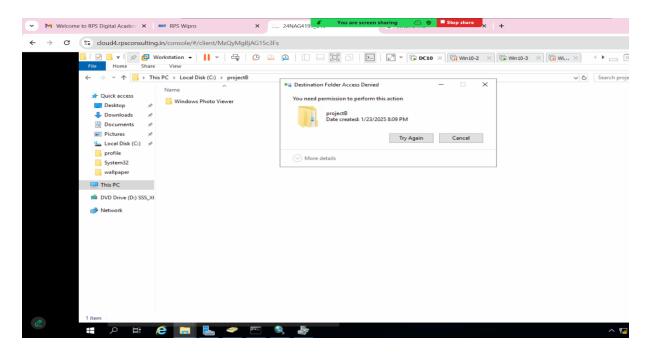
CLICK OK, AND CLICK ON CREATE.

THUS THE FILE GROUP IS CREATED.

WIPRO ASSIGNMENT -23 M Welcome t X ■ RPS Wipro X = 24NAG419 X X G 💲 cloud4.rpsconsulting.in/console/#/client/MzQyMgBjAG1... 📋 🖘 🛣 🗓 🛛 💠 📦 🛮 🚈 🚾 🖟 🗊 Audio and Video Files ".aac, ".aif, ".asf, ".asr, ".au, ".evi, ".flac, ".m3u, ".mi... Backup Files ".bak, ".bck, ".bld, ".old Compressed File-File Server Resource Manager (Local) File Groups / Include Files Audio and Video Files *.aac. *.aif *.aiff *.aiff *. Exclude Files ✓ ♣ Quota Management ♣ Quota Templates ♣ Quota Templates ♣ File Screening Management ♣ File Screen Templates ♣ File Screen Templates ♣ File Groups ♣ Storage Reports Management ♣ Tile Management ♣ File Management File Groups Create File Group... Backup Files ".bak, *.bck, *.bkf, *.old Compressed Files ".ace, *.arc, *.arj, *.bhx, *.bz2, *.cab, *.gz, *.gzip, *.hpk, *.h... Refresh Compressed rites "act, any, and, and, and, and, age, agen, agen, agen, and and abnufileGroup "mov, "mp3" E-mail Files ".eml, ".idx, ".mbox, ".mbx, ".msg, ".oft, ".ost, ".pab, ".pst 7 Help Selected File Groups Edit File Group Properties... File Management Tasks 💢 Delete System Files ".acm,, Temporary Files ".temp, ".tmp, ~" Text Files ".asc, ".text, ".tet Pelp Web Page Files *.asp, *.aspx, *.cgi, *.css, *.dhtml, *.htm, *.html, *.m... = 2 井 健 🔚 💺 🥓 🖭 🥞 🕹 ^ ½ 4 8:37 PM □

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

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



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,

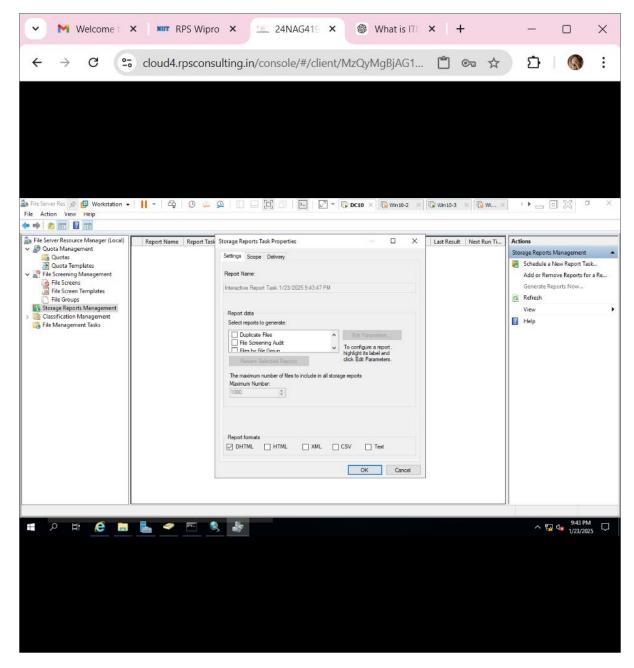
WHAT IS THAT FILE ABOUT, ETC.

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

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

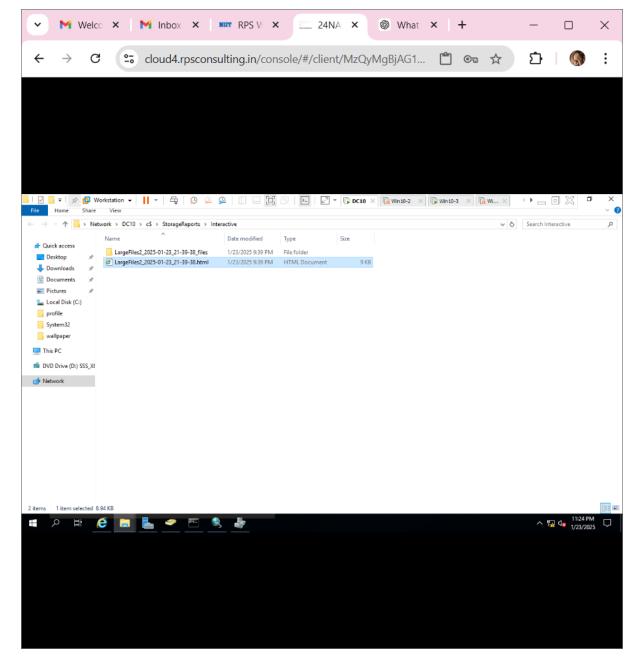
WIPRO ASSIGNMENT -23 M Welcome t X RPS Wipro X ⊆ 24NAG419 X \times Cloud4.rpsconsulting.in/console/#/client/MzQyMgBjAG1... 📋 🖘 ☆ 🖸 🦃 🚼 G 💠 File Server Resource Manager (Local) Report Name Report Task / Scope Folder Usages Schedule Status Last Run Ti... Last Result Next Run Ti... Actions Storage Storage Status Last Run Ti... Last Result Next Run Ti... Storage Storage Storage Storage Storage Status Last Run Ti... Last Result Next Run Ti... Storage Storage Storage Status Last Run Ti... Last Result Next Run Ti... Storage St Storage Reports Management Quota Management Quotas Quotas Quota Templates File Screening Management File Screens File Screen Templates Schedule a New Report Task... Generate Reports Now... Refresh File Groups Storage Reports Ma---Classification Mana Sile Hill Management Ta Schedule a New Report Task... Help Add or Remove Reports for a Report Task... Help = 2 耳 健 🛢 💺 🥓 🖺 🥞 🎳 ^ ¼ 43 PM ↓

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

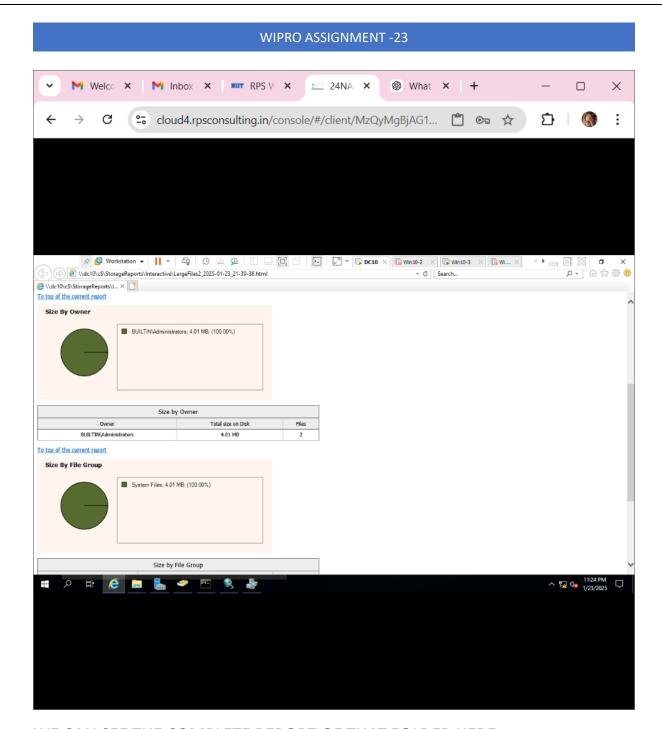


CLICK ON OK.

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



DOUBLE CLICK ON THE FOLDER.



WE CAN SEE THE COMPLETE REPORT OF THAT FOLDER HERE.

