



#bcopendiscussion

# 87'TH

# 25-06-2022

## Part 4 – SharePoint File Management.

**\*\* Using Graph API & Oauth.**



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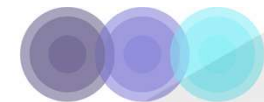
# WHERE DO I REGISTER?

## Register Here

<http://bit.ly/msdyn365bcopendiscussion>

## Meeting Attendees

If you would like to be default attendee for future meeting, please drop **your name & Email address in chat** during meeting.



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SAURAV DHYANI - #MSDYNNAV & #MSDYN365BC

Hi All,

Welcome to #bcopendiscussion registration page.



#bcopendiscussion

We all are glad to see you attending our next meeting. Its a great place to discuss about business central.

It's free for all. No Sponsor's! & No Marketing.

- 25 Meeting in 2020 with 522 Registered and 207 Attendees.
- A Total of 80 Questions were discussed in 2020.

We will be happy to add more presenters. If you want to be the presenter please let us know.

## Next Meeting Details - 22/May/21

- **Link To Register.**
- Register Link Expires - 21 May 2021 (03:00 PM IST)
- Topic - Open Discussion.
- Time - 09:30 PM to 10:30 PM (IST)
- Questions - [Add Here.](#)



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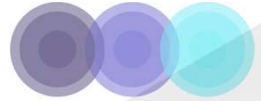
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# RECAP – MINIMUM PERMISSION



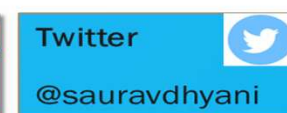
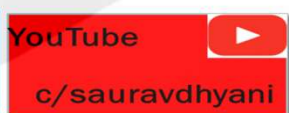
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## Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission    ✓ Grant admin consent for Contoso

API / Permissions name	Type	Description	Admin consent requ...	Status
▼ Microsoft Graph (4) ...				
Files.ReadWrite.All	Delegated	Have full access to all files user can access	No	✓ Granted for Contoso ...
Sites.Read.All	Delegated	Read items in all site collections	No	✓ Granted for Contoso ...
Sites.ReadWrite.All	Delegated	Edit or delete items in all site collections	No	✓ Granted for Contoso ...
User.Read	Delegated	Sign in and read user profile	No	✓ Granted for Contoso ...
▼ SharePoint (1) ...				
Sites.Search.All	Delegated	Run search queries as a user	Yes	✓ Granted for Contoso ...



# RECAP – ACCESS TOKEN



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```
OAuth2.AcquireAuthorizationCodeTokenFromCache(GraphMgtGeneralTools.Strip  
Brackets(Format("Application ID")), "Client Secret", "Redirect URL", "OAuth  
Redirect Url", Scopes, AccessToken);
```

```
OAuth2.AcquireTokenByAuthorizationCode(GraphMgtGeneralTools.StripBrackets(  
Format("Application ID")), "Client Secret", "OAuth Redirect Url", "Redirect URL",  
Scopes, PromptInteraction::"Select Account", AccessToken, AuthError);
```



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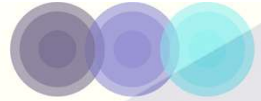
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# RECAP – GRAPH URL'S



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Find a SharePoint Site -

<https://graph.microsoft.com/v1.0/sites?search=%1>

Details of Document Library-

<https://graph.microsoft.com/v1.0/sites/%1/drives>

Folders inside Directory-

<https://graph.microsoft.com/v1.0/drives/%1/root/children>



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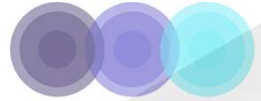


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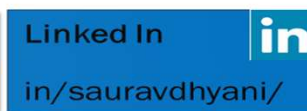
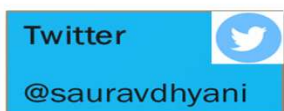
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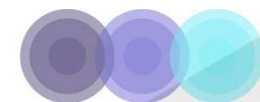
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# UPLOAD / DOWNLOAD A FILE.

- ▶ Upload Request URL (**Request Type = PUT**)
- ▶ <https://graph.microsoft.com/v1.0/sites/%1/drives/%2/items/%3:/%4:/content>
  - ▶ Site id
  - ▶ Document Library id
  - ▶ Folder id
  - ▶ File Details.







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# Thank You!

## See You Next Meeting.

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