

[SharePoint OnPrem] Copy data from SharePoint OnPrem to Azure

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Issue

Customer wanted to copy data from SharePoint OnPrem Server to ADLS.

As per our documentation, we only have connector for [SharePoint Online](#) but not for SharePoint onPrem.

Resolution

Since, we don't have connector available for SharePoint On-Prem, suggested customer to use OData connector to connect to the on-prem SharePoint server.

Following settings needs to be configured:

- We need to use Basic authentication type to the SharePoint list.
- Endpoint available http://siteurl/_vti_bin/listdata.svc and common across SharePoint.
- With regards to permissions, make sure the user account has appropriate permission on the web application, since ADF supports Basic, Windows and Anonymous authentication only.
- If the Web application auth set to Windows, select Windows in ADF OData, if SharePoint web application auth set to Basic, In OData select basic

SharePoint Web application Auth provider

Claims Authentication Types

Choose the type of authentication you want to use for this zone.

Negotiate (Kerberos) is the recommended security configuration to use with Windows authentication. If this

☒ Enable Windows Authentication

☐ Integrated Windows authentication

NTLM

☒ Basic authentication (credentials are sent in clear text)

OData

Connect via integration runtime *

integrationRuntime1

Service URL *

http://spwfe:3636/_vti_bin/listdata.svc

Authentication type *

Basic authentication

Linked Service for SharePoint OnPrem using OData connector:

```
{
  "name": "OData4",
  "type": "Microsoft.DataFactory/factories/linkeddataservices",
  "properties": {
    "annotations": [],
    "type": "OData",
    "typeProperties": {
      "url": "http://spwfe:3636/_vti_bin/listdata.svc",
      "authenticationType": "Basic",
      "userName": "contoso\\administrator",
      "encryptedCredential": ".....=="
    },
    "connectVia": {
      "referenceName": "SelfHostedIR",
      "type": "IntegrationRuntimeReference"
    }
  }
}
```

Additional Information:

How good have you found this content?

