

# Microsoft Exchange Settings

## Required Exchange Permissions

Feature	On-Premise	Online
crawling all inboxes	<p>Permissions required:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Mailbox Search</li><li><input type="checkbox"/> ApplicationImpersonation</li></ul> <p>Note: The username configured with this permissions needs to be added to the <code>username</code> field in the source settings file and that users password added in the <code>password</code> field.</p>	<p>Permissions required:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Mailbox Search</li></ul> <p>Note: The username configured with this permissions needs to be added to the <code>username</code> field in the source settings file.</p>
crawling public folders	<p>Permissions required:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Public Folders</li></ul> <p>Note: The username configured with this permissions needs to be added to the <code>public-folders</code> field in the source settings file.</p>	<p>Permissions required:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Public Folders</li></ul> <p>Note: The username configured with this permissions needs to be added to the <code>public-folders</code> field in the source settings file.</p>



We strongly recommend creating a new role group in Exchange for managing Shinydocs software with the recommended permissions.

## Source Settings for Exchange On-Premise

Example source setting file for crawling Exchange On-Premise:

```

{
  "comments": [
    "Please don't forget to encrypt your sensitive fields
with the cognitive toolkit",
    "Set auth-type to 'up' for username and password ",
    "Set auth-type to 'app' for azure application
authentication"
  ],
  "sourceType": "Exchange",
  "sourceConnectionSettings": {
    "auth-type": "up",
    "username": "username with the required permission of
Mailbox Search and ApplicationImpersonation enabled",
    "password": "my-password",
    "exchange-url": "https://<exchange-server>/ews/exchange.
asmx",
    "app-id": "",
    "secret-key": "",
    "tenant-id": "",
    "public-folder-access-email": "username with the
required permission of Public Folders enabled"
  }
}

```

Source Settings for Exchange Online

Example source setting file for crawling Exchange Online:

```
{
  "comments": [
    "Please don't forget to encrypt your sensitive fields
with the cognitive toolkit",
    "Set auth-type to 'up' for username and password ",
    "Set auth-type to 'app' for azure application
authentication"
  ],
  "sourceType": "Exchange",
  "sourceConnectionSettings": {
    "auth-type": "app",
    "username": "username with the required permission of
Mailbox Search enabled",
    "exchange-url": "https://outlook.office365.com/ews
/exchange.asmx",
    "app-id": "my-app",
    "secret-key": "my-secret",
    "tenant-id": "my-tenant",
    "public-folder-access-email": "username with the
required permission of Public Folders enabled"
  }
}
```