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| **Limitations** | **Comments** |
| File Upload Size | 15GB |
| File Name and Path | The entire path, including the file name, must contain fewer than 400 characters for OneDrive, OneDrive for Business and SharePoint Online. If you exceed that limit, you'll receive an error message. |
| Thumbnails and Previews | Thumbnails are not generated for images larger than 100 MB.  PDF previews are not generated for files larger than 100 MB. |
| Number of items that can be synced | Although SharePoint Online can store 30 million documents per library, for optimum performance we recommend syncing no more than 300,000 files across all document libraries. Performance issues can occur if you have 300,000 items or more across all libraries that you are syncing, even if you are not syncing all items within those libraries. |
| Libraries with Information Rights Management enabled | Libraries can be synchronized as read/write with OneDrive desktop app for Windows build 17.3.7294.0108 or later, or OneDrive for Mac build 18.151.0729.0014 or higher. |
| Differential Sync | Differential sync is only possible for Microsoft Office files in the new file format, .docx, .pptx, .xlsx.  This is part Office Integration and requires:  Office 2016 Click To Run (version 16.0.6741.2027 or higher). You must also have OneDrive (version 17.3.6386.0412 or higher).  Office 2016 MSI and have the following update installed: October 4, 2016, update for Office 2016 (KB3118262). You must also have OneDrive (version 17.3.6386.0412 or higher).  You must have Office Integration turned on in the Office tab of OneDrive settings (PC) or OneDrive Preferences (Mac). |
| Libraries with specific column or Metadata | If you have libraries with Checkout, Required columns or metadata, or when Draft Item Security is set to either Only users who can edit or Only users who can approve items in Version Settings of the library:  For SharePoint document libraries, these items will be synchronized as read-only.  For OneDrive libraries, OneDrive will show a lock icon ( OneDrive file locked icon ) next to the sync status and the user will not be able to synchronize the library until the mentioned settings have been removed. |
| Windows specific Restrictions and limitations | File Explorer displays the first 35 characters of a site library’s name and site name combination for a library that you have synchronized. This doesn’t affect the ability to sync these items within the limits that are described in this article. Roaming, Mandatory, and Temporary Windows profiles aren't supported. The OneDrive desktop app only supports users who can write to OneDrive application directories. Additionally, the OneDrive desktop app doesn't support client sessions that are hosted on Windows 2008 Terminal Services, Windows Server 2012, or Windows Server 2016 Remote Desktop Services (RDS). This only applies to non-persistent Virtual Desktop Infrastructure (VDI), except with Windows Virtual Desktop (WVD). OneDrive is supported if used with WVD. Persistent VDI is also supported by the OneDrive desktop app. For the OneDrive desktop app to work as designed, the following requirements must be met: 1. The application must be installed on the local computer. 2. The user must be able to write to the user profile. 3. Data that's written to the user profile must be saved to the local hard disk and be available without a network connection. 4. OneDrive Files On-Demand is only supported on Windows 10 Fall Creators Update and later versions. |
| macOS specific Restrictions and limitations | Case-sensitive formatted disk volume isn't supported. |

Reference Links

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| Page Name | Link |
| Sync files with the OneDrive sync client in Windows | <https://support.office.com/en-gb/article/sync-files-with-the-onedrive-sync-client-in-windows-615391c4-2bd3-4aae-a42a-858262e42a49> |
| Sync files with the OneDrive sync client on Mac OS X | <https://support.office.com/en-ie/article/sync-files-with-the-onedrive-sync-client-on-mac-os-x-d11b9f29-00bb-4172-be39-997da46f913f> |