



ownCloud WOPI Proxy for O365

CS3 Conference 2022

Overview

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- 3 ownCloud and the Office CSPP
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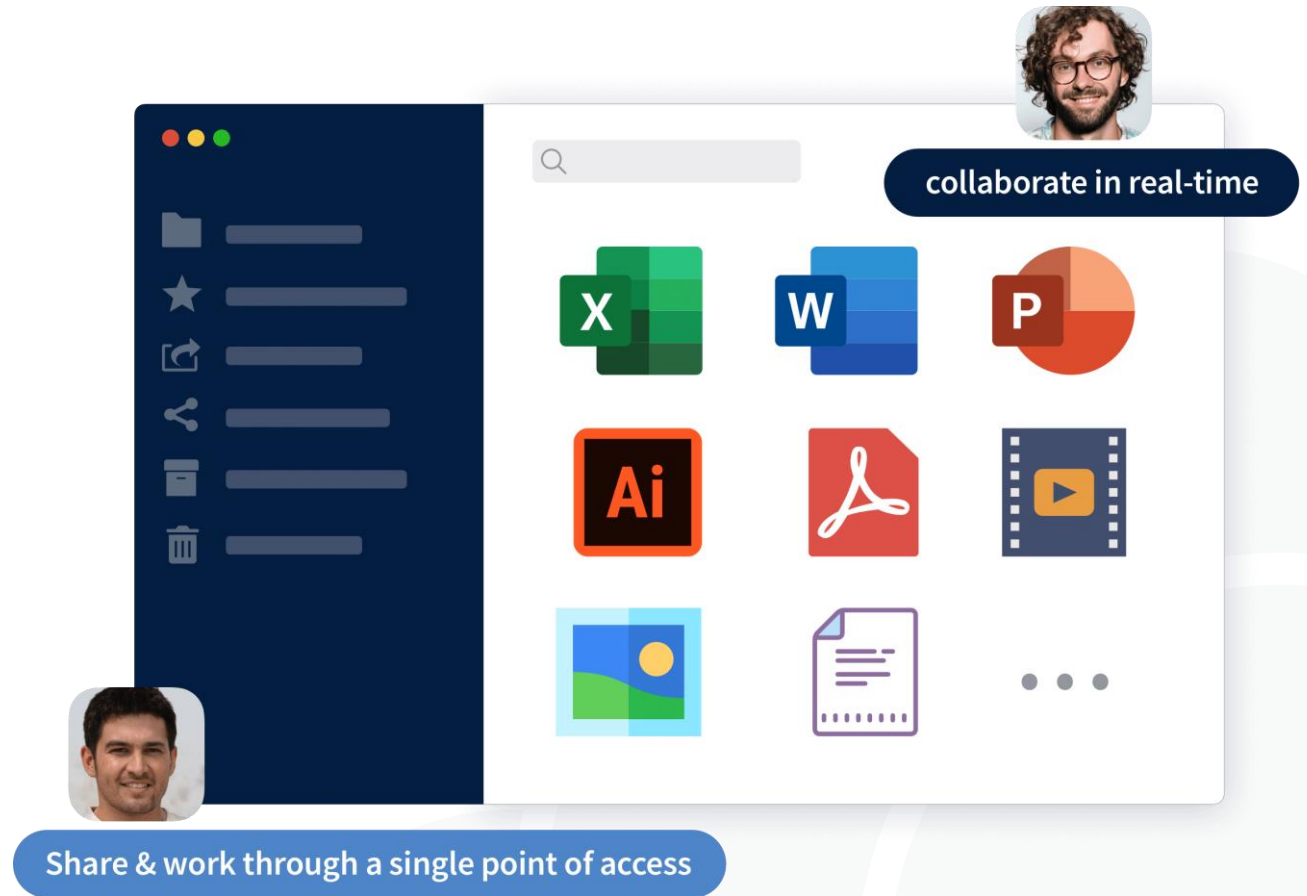
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Content Collaboration via WOPI

ownCloud as more than a File Sync and Share Software

ownCloud provides users with the ability to collaborate on their work

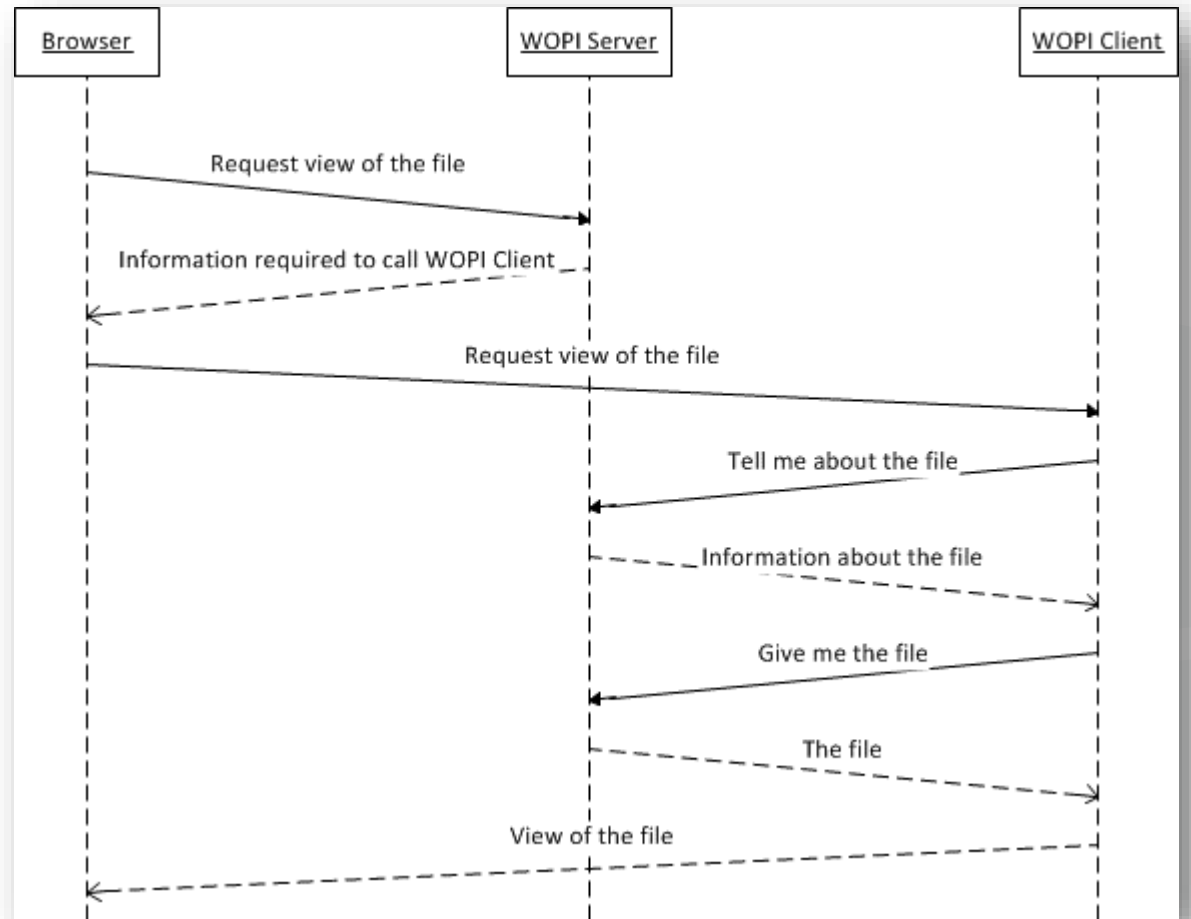
- Share files and folders
- View and edit shared files in real time
- Versioning available to track changes



How does this collaboration work?

Web Application Open Platform Interface (WOPI) protocol

- Enables a client to access and change files stored by a server
- Initially for just Microsoft, now more widely used



https://docs.microsoft.com/en-us/openspecs/office_protocols/ms-wopi/ms-wopi_files/image001.png

What are the supported file formats for WOPI?

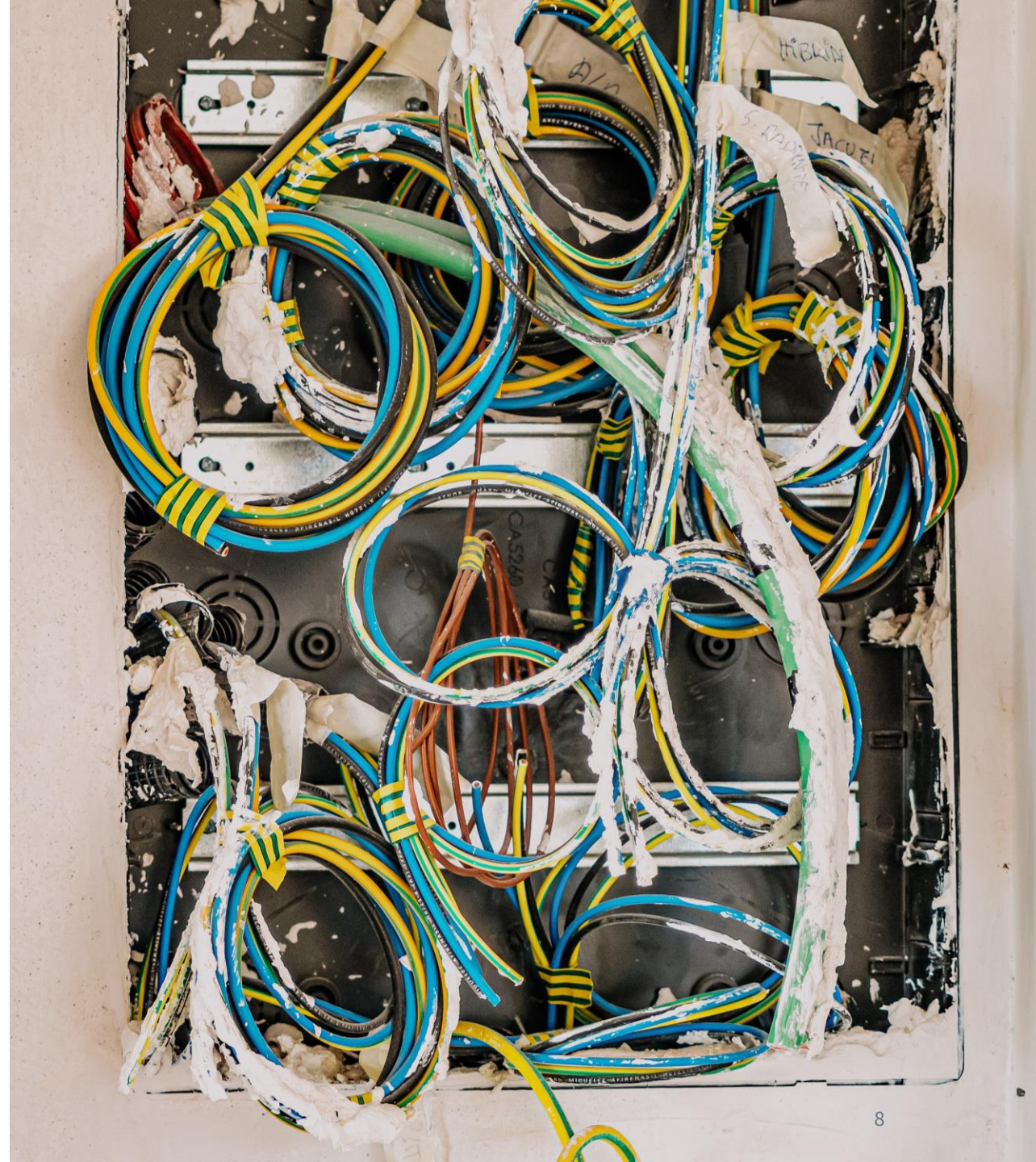
- Office Open XML files (docx, xlsx, pptx)
- OpenDocument files (odt, ods, odp)
- Older Office file formats (doc, xls, ppt)



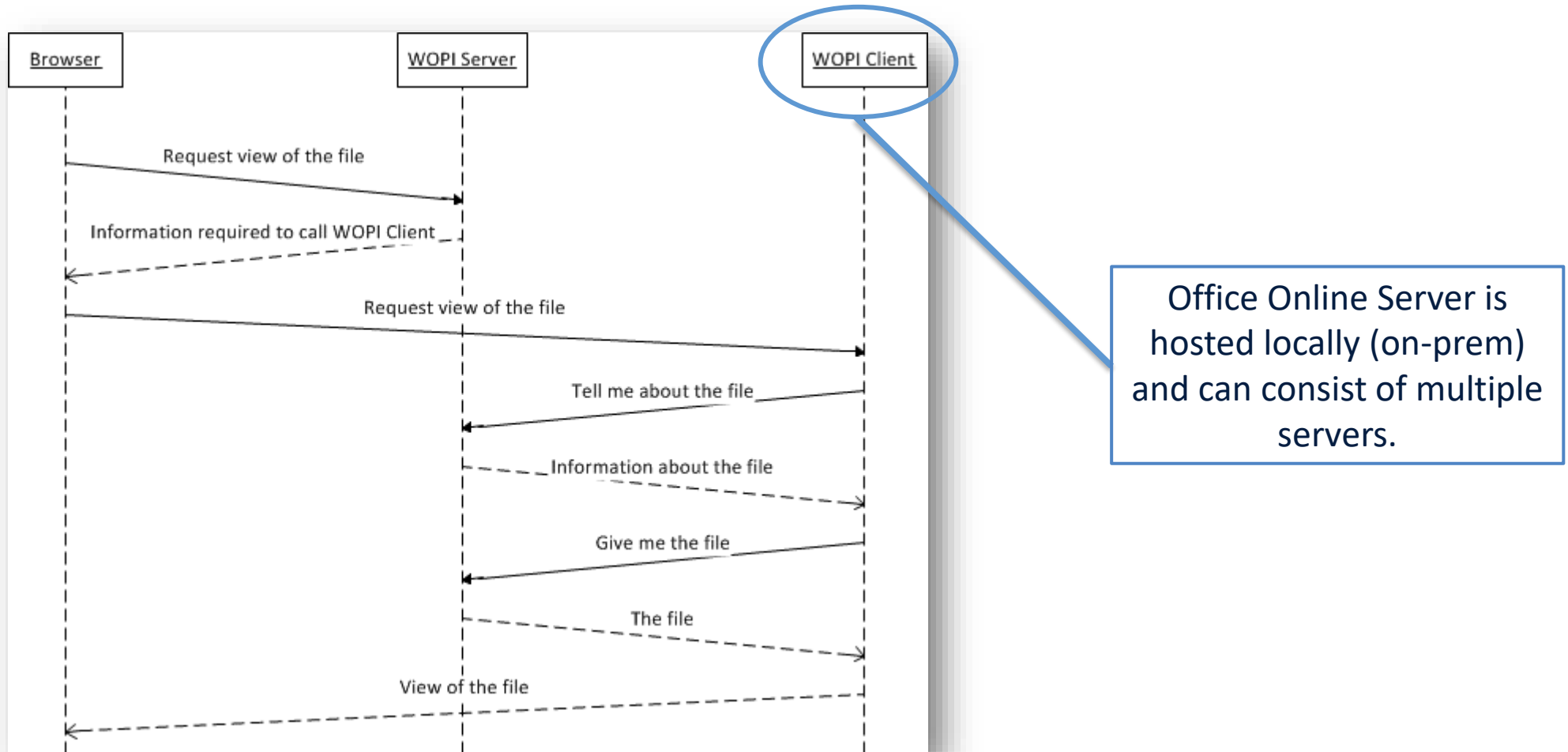
Office Online Server Hosted Locally

What is Office Online Server?

- Microsoft server product that provides users browser-based file viewing and editing capabilities
- Server are hosted on-premises
- Can be scaled to include multiple (dedicated) servers



Workflow with Office Online Server



https://docs.microsoft.com/en-us/openspecs/office_protocols/ms-wopi/ms-wopi_files/image001.png

Another server to maintain?



- As a user, you may already have an O365 personal or business license
- Switching to and then maintaining an on-prem Office online would require effort
- But Office for the Web is a great collaboration feature...

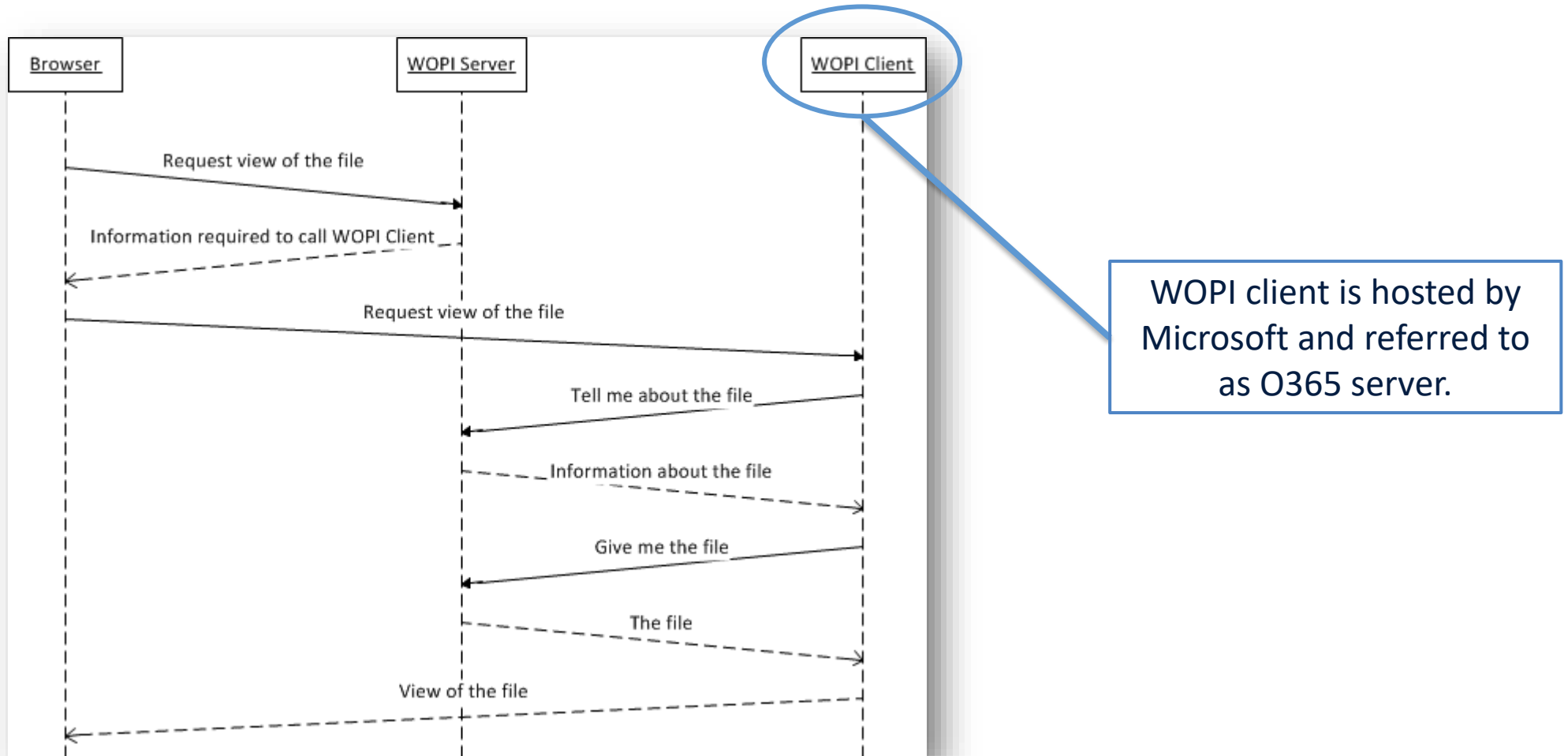
ownCloud and the Office CSPP

Office Cloud Storage Partner Program (CSPP)

- ownCloud is a proud Microsoft partner
- CSPP allows partners to provide Microsoft editing/viewing capabilities to their customers
- No need to set up and maintain Office Online Server



Updated WOPI Workflow



https://docs.microsoft.com/en-us/openspecs/office_protocols/ms-wopi/ms-wopi_files/image001.png

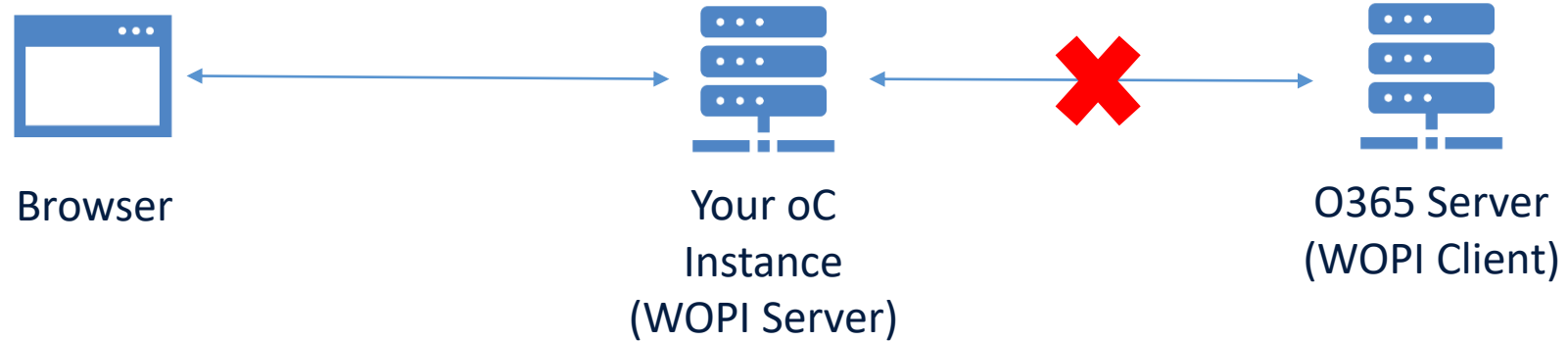
O365 + ownCloud Integration

- Microsoft allows CSPP members to connect via WOPI to the O365 server
- ownCloud Enterprise customers can access this server via an ownCloud-hosted proxy server
- Enables customers to take advantage of Office for the Web features with less hassle

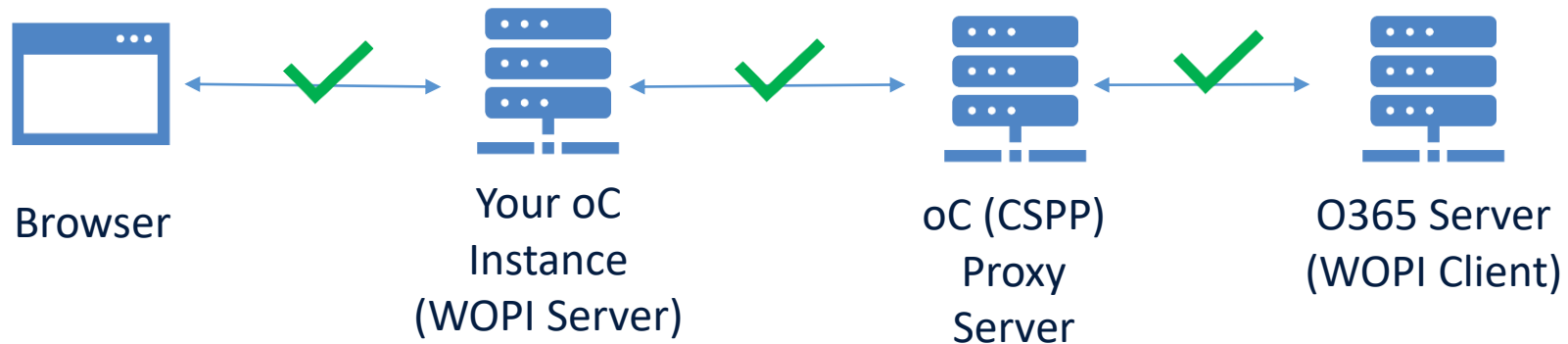


Simplified WOPI Workflow

Case 1:



Case 2:



Integration requirements

- ownCloud Enterprise subscription
- At least ownCloud Version 10.1 and php 7.1
- Active business or personal Office 365 subscriptions



Summary

- ownCloud is now a member of the Office CSPP
- This allows us to enable users to access the O365 server for document editing
- If interested, reach out and we can begin the integration!



Questions and Answers

