



ONLYOFFICE Docs: architecture, integration, and deployment

Abstract

In this paper, we explore the functionality, integration, and deployment methods of the ONLYOFFICE Docs online office suite. ONLYOFFICE Docs is a secure office that can be used in any environment for document sharing and management hosted on the private server, bringing document, presentation, and spreadsheet editing capabilities into its interface.

‘Description and features’ chapter touches upon technology and architecture of ONLYOFFICE Docs, and functionality of document, spreadsheet, presentation, and form editors, as well as PDF and e-book reader.

‘Integration mechanisms’ chapter describes methods of integrating ONLYOFFICE Docs into third-party environments using API- and WOPI-based methods, and gives examples of ready integrations.

‘Deployment models’ chapter lists all possible methods of deployment, including Linux and Windows server installation, Docker installation, one-click apps, and apps on managed cloud marketplaces. It also gives information about machine specifications required for installing ONLYOFFICE Docs using each method, where applicable.

Contents

1. Description and features	4
1.1 About ONLYOFFICE Docs	4
1.2 Technology	4
1.3 Architecture	5
1.4 Editing functionality	6
1.4.1 Text document processing (Word processing)	6
1.4.2 Spreadsheet processing	6
1.4.3 Presentation processing	7
1.4.4 Form creation and filling	7
1.4.5 PDF and e-book reading and conversion	8
1.4.6 Supported formats of electronic files	8
1.4.7 Third-party plugins and macros	9
1.5 Collaborative features	10
1.6 Data security	10
1.7 Interface customization	11
2. Integration mechanisms	12
2.1 Integration via an API-based connector	12
2.1.1 API integration examples	15
2.2 WOPI Integration	16
2.2.1 WOPI Integration examples	17
3. Deployment models	18
3.1 Private server deployment	18
3.1.1 Docker	18
3.1.2 Linux server	19
3.1.3 Windows server	21
3.1.4 Deployment as Podman on Fedora	21
3.1.5 Requirements for large-scale setups	21
3.2 Deployment on Kubernetes cluster	22
3.3 One-click app deployment	23
3.4 Deployment on managed architecture: Amazon AWS and Alibaba Cloud	23
4. Other solutions:	23
ONLYOFFICE Document Builder	23
Summary	25
Inquiries	25

1. Description and features

1.1 About ONLYOFFICE Docs

ONLYOFFICE Docs is an online office suite combining editors for text documents, spreadsheets, presentations, and forms. It is built using the JavaScript language and Node.js for server-side scripting, and uses HTML5 for rendering the document's elements.

The core format group is OOXML, which makes the suite fully compatible with DOCX, XLSX, and PPTX files, while other formats are processed with internal conversion.

ONLYOFFICE Docs features collaborative tools such as real-time co-editing, comments, online chat, version history, Track Changes, and document comparison, as well as supports various types of sharing permissions, including Full Access, View Only, Comment, Review, Fill Forms, and Custom Filter.

ONLYOFFICE Docs can be integrated in third-party environments using integration apps based on either API communication or the WOPI protocol.

Deployment on the client's architecture is possible using different methods, including Windows and Linux server installation options, Docker, Podman for Fedora, 1-click apps for hosting environments, and applications on AWS and Alibaba Cloud managed clouds.

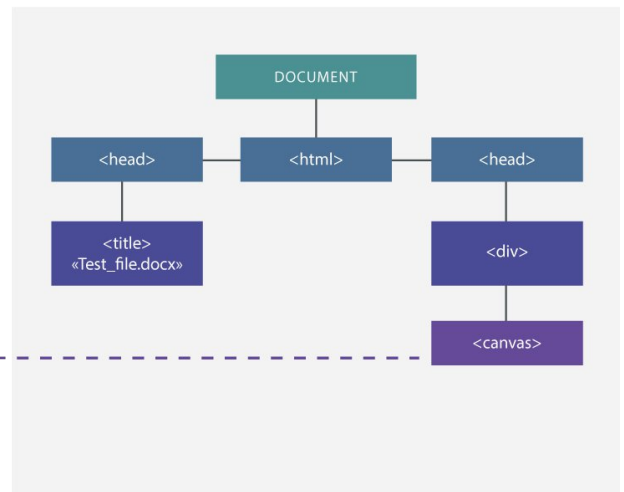
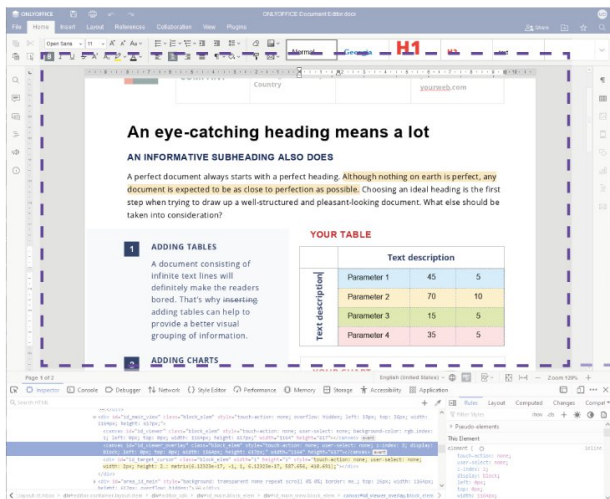
1.2 Technology

The technological basis of ONLYOFFICE editors is HTML5 Canvas.

Canvas is a container with different drawing elements, such as lines, shapes, figures and frames. Each object within HTML structure is processed independently, while the rest of canvas structure is not affected by the operations with that particular object.

This helps keep the high accuracy of display, making the content browser- and operating system-agnostic and delivering equal rendering of the documents when viewing, editing or printing them.

ONLYOFFICE Docs is 100% WYSIWYG and adapts to any context of usage.



Use of HTML5 Canvas in ONLYOFFICE Docs

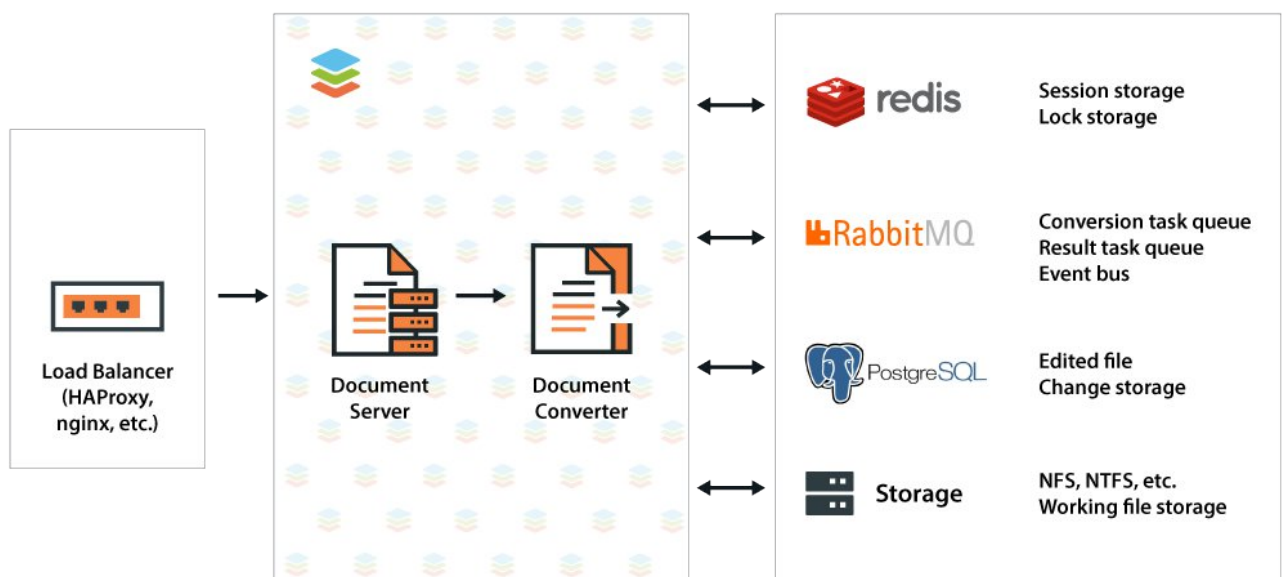
1.3 Architecture

Service architecture plays a vital role in data security, performance, and flexibility of deployment models of ONLYOFFICE Docs.

ONLYOFFICE summons a complete document editor app in the user's browser, taking most of the process load to the client. At the same time, the server side deals only with processes such as saving, transferring changes in the files, and spellchecking.

Each service within the architecture can be hosted separately in a cluster, which additionally increases the fault tolerance and allows building a custom service map depending on the environment.

Service architecture of ONLYOFFICE Docs looks as follows:



ONLYOFFICE Docs service architecture

Such architecture design, according to the internal testing results, makes one 8-core machine with 32 GB RAM enough for a 1000 simultaneously edited documents, assuming that every 4 seconds, changes are made to all documents (250 changes per second for 1000 connections).

Here, under 1 hour test, every 60 seconds 9-10% of connections were closed and documents were sent to the server for converting and building (i.e. 90-100 closed connections). The same number of new connections was being created. During the test, 5931 documents were sent for converting and building.

1.4 Editing functionality

1.4.1 Text document processing (Word processing)

Document editor allows processing documents of most of popular formats with a set of text and paragraph formatting features, objects, text styles, page layouts, and referencing tools. Currently available functionality allows creating highly compatible text documents for all popular types of use: documentation, business communication, research, and more.

Features for working with text content include font adjustment tools (sizing, font styles, colors, etc.), numbered and bulleted lists, paragraph alignment settings, indents and spacing, style copying and clearing, and text style presets, as well as basic and advanced text adjustment settings.

A variety of core objects are supported with customization and placement options, including tables, images, charts, autosshapes, hyperlinks, page headers and footers, date and time, text boxes and text art, equations, text symbols, drop caps, and content controls. Most of object types on the page can be wrapped and aligned according to preferences, used with placeholders and captions, and grouped.

Page layout can be configured using margins, page orientation settings, dividing text by columns, adding page, column, and section breaks, and inserting line numbers. Available professional page layout elements include table of contents and table of figures, footnotes and endnotes, hyperlinks and cross-references, bookmarks.

1.4.2 Spreadsheet processing

Spreadsheet editor in ONLYOFFICE Docs combines all necessary instruments for calculation, filtering and organizing data, and styling worksheets and tables with collaborative instruments necessary for effective teamwork and sharing access.

It features over 450 formulas with easy navigation, text and cell formatting and styling tools, ability to insert objects like charts, equations, images, text boxes, shapes, sparklines, hyperlinks, and symbols.

Users are able to open, manage and create pivot tables for displaying compact data summaries for large spreadsheets, with ability to customize filters, rows and columns, manage and group values.

Multiple instruments for working with data are available: filtering, sorting, data validation, duplicate removal, cell grouping, and text to columns conversion.

Special protection features include spreadsheet encryption, workbook and worksheet protection, ability to allow editing for certain ranges, cell locking, and ability to hide formulas.

Spreadsheets can be previewed before printing with application of display settings, printing layouts, custom range selection, and other parameters.

1.4.3 Presentation processing

Presentation editor in ONLYOFFICE Docs allows creating presentations and running slideshows in classic slide display mode, and on two shared screens with Presenter Mode.

The editor features all text formatting and styling tools available in the document editor and supports all types of objects in ONLYOFFICE Docs for creating slide content.

To improve presentation design and deliver more engaging slideshows, it is possible to add slide transitions and use animation effects for all the slide objects, choosing the styles from the transition and animation libraries respectively.

1.4.4 Form creation and filling

Built-in form creation functionality is available through document editor interface of ONLYOFFICE Docs. Electronic forms help automate document creation process by preparing and using document templates. It is possible to create, edit, and co-edit documents with fillable fields online or locally and share them for filling, which eliminates the costs and reduces time spent creating documents from scratch.

The format for creating document templates (forms) in ONLYOFFICE Docs is DOCXF. It allows inserting fillable fields and defining various parameters in them, including layout, key, placeholder, tip text, and field type-specific parameters.

Available field types are:

- Text field;
- Combo box;
- Drop-down list;
- Checkbox;
- Radio button;
- Image.

To share the form for filling, OFORM format is used. The format doesn't allow editing the body and document layout or adding and customizing form fields, but allows filling them to create the final document.

1.4.5 PDF and e-book reading and conversion

ONLYOFFICE Docs also features a built-in viewer for documents, that makes work with PDF and e-book formats easier. It features easy navigation through document contents with page previews. There's also ability to convert PDFs to editable DOCX files, and conversion of supported formats to PDF and PDF/A.

Using the conversion, it is possible to convert ONLYOFFICE forms created in DOCXF format to PDF files.

1.4.6 Supported formats of electronic files

The following types of formats are supported in ONLYOFFICE Docs for viewing and editing:

	Viewing	Editing	Downloading
Text documents	DOC, DOCX, DOTX, FB2, ODT, OTT, RTF, TXT, PDF, PDF/A, HTML, EPUB, XPS, DjVu, XML, DOCXF, OFORM	DOC, DOCX, DOTX, FB2, ODT, OTT, RTF, TXT, HTML, EPUB, XML, DOCXF, OFORM	DOCX, DOTX, FB2, ODT, OTT, RTF, TXT, PDF, PDF/A, HTML, EPUB, DOCXF, OFORM
Spreadsheets	XLS, XLSX, XLTX, ODS,OTS, CSV	XLS, XLSX, XLTX, ODS,OTS, CSV	XLSX, XLTX, ODS,OTS, CSV, PDF,PDF/A
Presentations	PPT, PPTX, POTX, ODP, OTP, PPSX	PPT, PPTX, POTX, ODP, OTP	PPTX, POTX, ODP, OTP, PDF, PDF/A, PNG, JPG

1.4.7 Third-party plugins and macros

Functionality of ONLYOFFICE Docs can be extended using third-party plugins that provide additional features or connect external service to the suite and are integrated in the interface as mini apps.

Currently available plugins in the App Directory include:

Plugin	Functionality
Apertium	Text translation
DeepL	
Google Translate	
Autocomplete	Input assistant
EasyBib	Bibliography creation (via external service)
Mendeley	
Zotero	
Grammalecte	Grammar and spell checking
LanguageTool	
Typograph	
Highlight Code	Code syntax highlighting
HTML	Text to HTML conversion
OCR	Text recognition from images
Photo Editor	Image editing
Draw.io	Chart creation and editing
Telegram	Communication
Rainbow	
Jitsi	
Speech	Text to speech conversion
Thesaurus	Word synonym and antonym search
Word counter	Word, character, and paragraph counting
YouTube	YouTube video embedding and playing

ONLYOFFICE Docs also supports macros for automating tasks in text documents and spreadsheets. Macros in ONLYOFFICE are based on JavaScript syntax and Document Builder API methods, making them easy to use, secure, and cross-platform.

1.5 Collaborative features

ONLYOFFICE Docs allows editing documents collaboratively among any number of users within the integrated platform.

Thanks to the architecture of ONLYOFFICE Docs that implies client-side performance of the editors, while working on the same document on the same server each user can activate any feature or choose any mode independently of all other users. This significantly improves work in many aspects, including reverting the operations independently using the Undo and Redo commands. Such an approach also minimizes the server load, making the setup lightweight.

Collaborative features of ONLYOFFICE Docs include:

- Flexible sharing permissions: View Only, Full Access, Review, Comment, Fill Forms, Custom Filter.
- Two co-editing modes: Fast (real-time) and Strict (paragraph-locking)
- Track Changes;
- Commenting;
- Mentioning users in comments;
- Built-in chat;
- Version and revision control (Version History).

Collaboration is possible among big numbers of users from different devices and clients (including web suite, desktop and mobile applications), with independent use of all features and collaboration modes.

Even though most actions are performed within ONLYOFFICE Docs (Document Server), some features rely on communication with user management system in the integration. Availability of features such as version history and mentions currently varies in every integration.

1.6 Data security

ONLYOFFICE Docs is secure by design, thanks to the self-hosted model of deployment. Besides, it offers a variety of features for protecting data when storing and editing files in any infrastructure:

- To protect the traffic, ONLYOFFICE runs with HTTPS while document editing connection is additionally secured with JWT.
- Flexible permissions are available in sharing: use full access, read only, commenting, reviewing or filling forms permissions, allow or disallow modifying filter in spreadsheets, and additionally restrict downloading, copying, and printing if you like.
- You can also apply Watermarks to additionally avoid unauthorized redistribution of your content.
- Document encryption is available for documents and spreadsheets, including the protection of whole workbooks and separate sheets in the latter.

ONLYOFFICE comes with built-in features to help businesses stay compliant with HIPAA and EU privacy regulations.

1.7 Interface customization

It is possible to customize the interface of ONLYOFFICE Docs to enhance the experience when working with the suite.

Option	Description
Interface themes	It is possible to set the interface theme to Dark, Light, and Classic light individually. In some integrations, it is possible to control theme settings on admin level.
Interface and document zoom	The editors support automatic scaling of 100%, 125%, 150%, 175%, and 200%. Manual document zoom options range from 50% to 200%.
Toolbar, Status Bar & Rulers	It is possible to hide the the main Toolbar, Status Bar and Rulers to expand the working area.
Toolbar layout*	In settings, it is possible to switch between full and compact toolbar layouts, and change the colorway of the tabs.
Additional options (for developers)	Script-level configuration allows adjusting the display of buttons and commands, company and contact info, logo, and more.

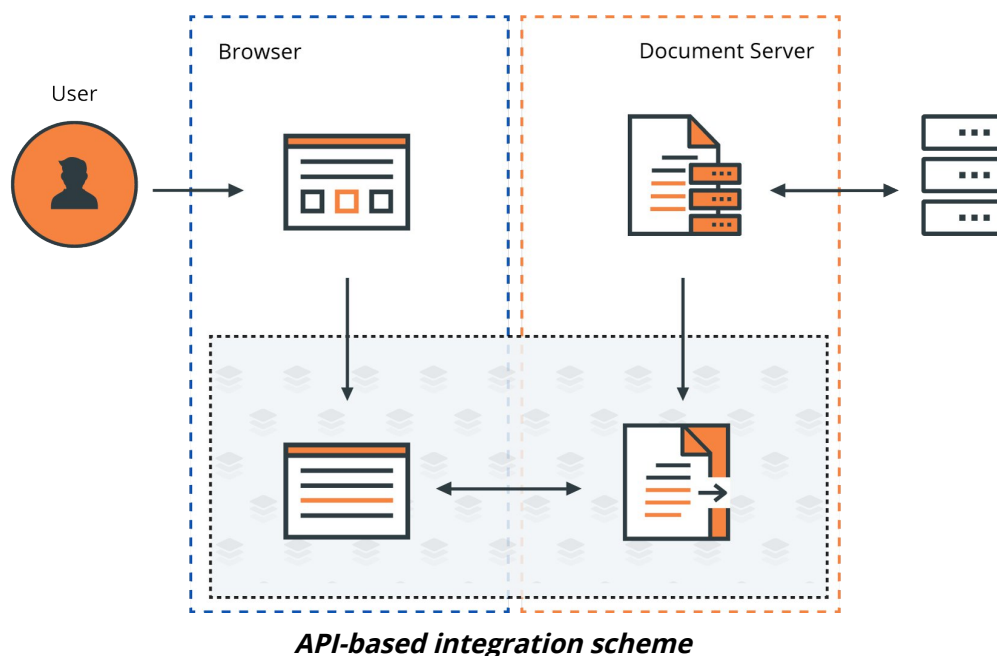
*Feature is currently available in some integrations, including Nextcloud and ownCloud.

2. Integration mechanisms

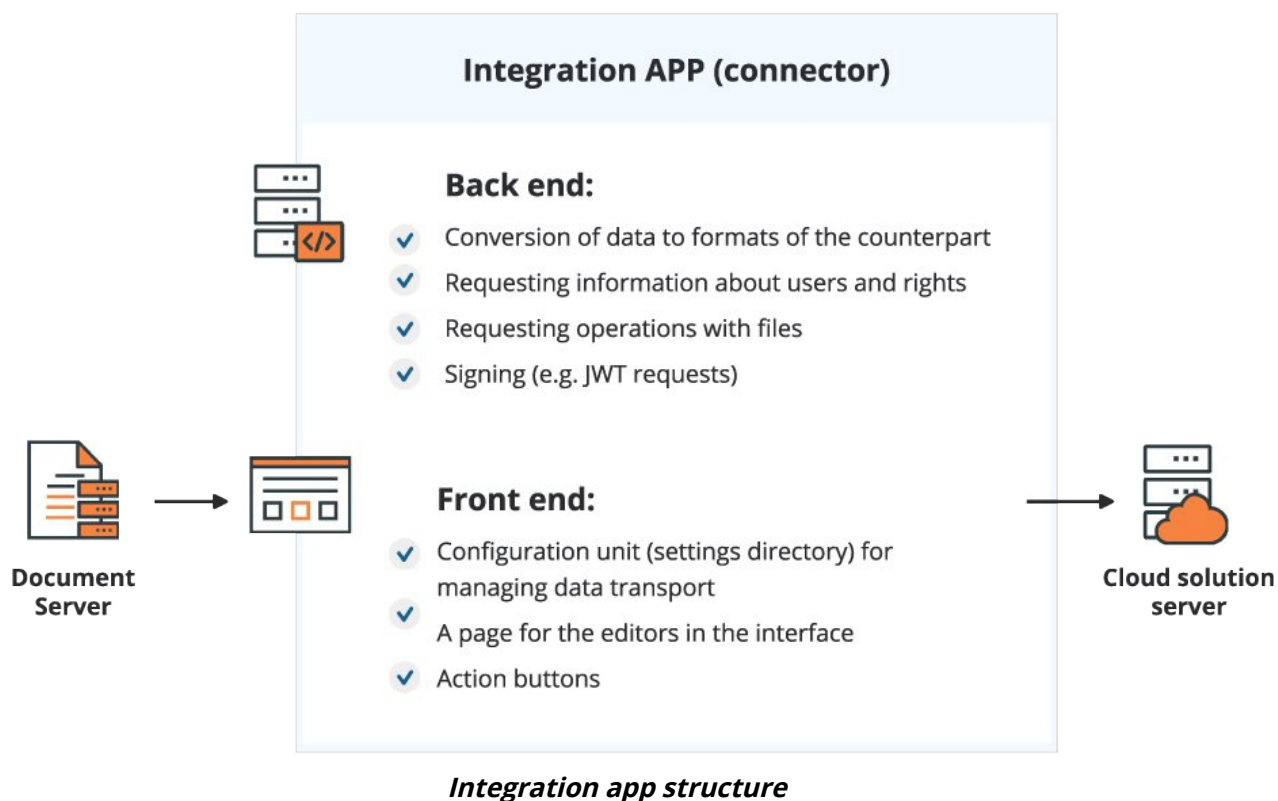
2.1 Integration via an API-based connector

API-based integration is a casual way of connecting ONLYOFFICE Docs to file storage and sharing environments, including Sync&Share services, content management systems (CMS), and learning management systems (LMS). Most of available connectors at the moment are API-based.

Open API allows building apps for integrating any feature that is exclusive to ONLYOFFICE or custom re-built features to the connected storage, providing users with complete experience.



Integration of ONLYOFFICE Docs (Document Server) with third-party services requires an additional app that is going to convert data into compatible format. This role is played by a connector. ONLYOFFICE team creates own official connectors and also assists partners and third-party developers in creating such apps.



Functionality available via API-based integration*:

Supported formats	<p>For viewing and editing: DOCX, XLSX, PPTX, PPSX, OFORM, DOCXF</p> <p>For viewing only: PDF, DJVU, TXT, CSV, ODT, ODS, ODP, DOC, XLS, PPT, PPS, EPUB, RTF, HTML, HTM, MHT, XPS</p>
Collaboration modes	Switching between real-time and paragraph-locking co-editing modes.
Customization	<ul style="list-style-type: none"> • Setting an interface language and a theme for the editors • Hiding the Chat menu button • Changing information in the About section • Interface customization such as adjusting header and toolbars • Branding • Connecting plugins
Basic functions	<ul style="list-style-type: none"> • Viewing • Editing • Co-editing • Mobile viewing and editing • Simplified viewing (embedded)

Additional actions: Methods	<ul style="list-style-type: none"> • Downloading a file in the chosen format • Marking a file as favorite • Displaying tooltips with the message
Additional actions: Events	<ul style="list-style-type: none"> • Closing the editor • Opening file location • Switching a file from the viewing into the editing mode • Renaming documents • Managing document access rights • Opening Version History • Inserting images from storage • Mail Merge • Comparison with a document from storage • Getting a link for opening a file at the bookmark position • Saving a file in the desired format • Mentioning other users in comments • Creating a new document
Security	<ul style="list-style-type: none"> • IP address white listing • Verifying of requests and protection from unauthorized access using JWT
Document permissions	<ul style="list-style-type: none"> • Viewing • Editing • Reviewing (text documents) • Commenting • Filling in forms • Modifying Content Controls (text documents) • Modifying filters (spreadsheets) • Copying to clipboard • Downloading • Printing • Renaming
Limitations	All features available in the editors are available for integration.

*Actual functionality delivered via each integration app varies. The table shows functionality that it is currently possible to integrate.

2.1.1 API integration examples

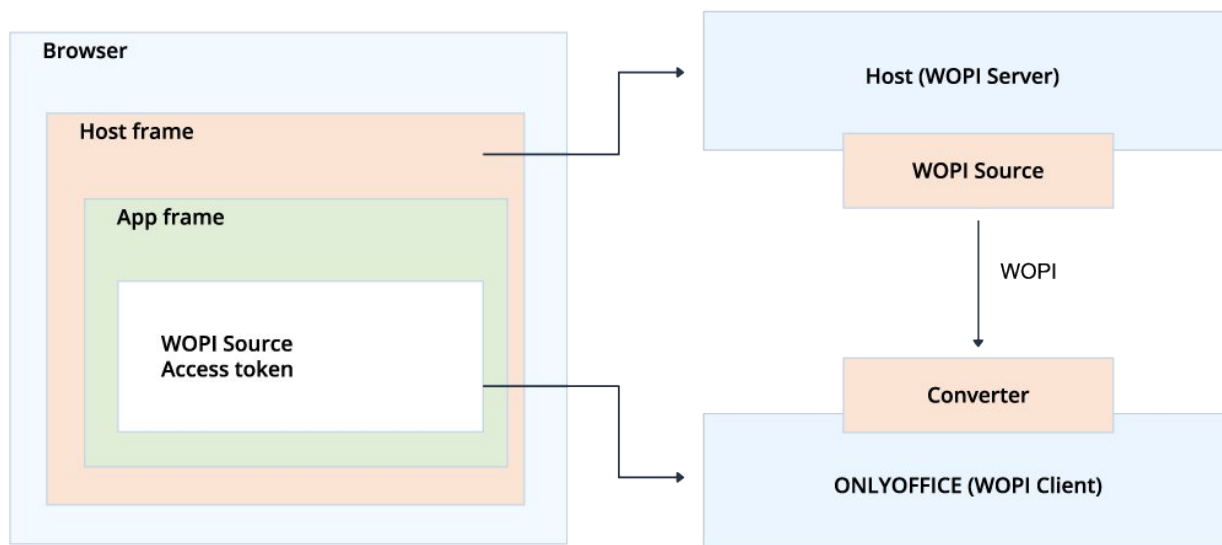
List of available integration apps includes official connectors developed by ONLYOFFICE team, and the third-party developed apps that use ONLYOFFICE API.

Official integration apps	Nextcloud	HumHub
	ownCloud	Liferay
	Alfresco	Moodle
	Confluence	Nuxeo
	Jira	Plone
	Strapi	Redmine
	Chamilo	SharePoint
	Drupal	WordPress

Apps by third-party developers	agorum	Pintexx Workplace
	CommuniGate	PowerFolder
	enaio	Pydio
	eXo Platform	Quasaro
	FlinkISO	Seafile
	Jalios	Talkspirit
	Liferay	WebWeaver
	Maarch Courier	WeDoc
	Moodle	XWiki
	OpenOlat	

2.2 WOPI Integration

It is also possible to integrate ONLYOFFICE Docs to any DMS which provides a universal WOPI client/connector.



Functionality available via WOPI-based integration*:

Supported formats	<p>For viewing and editing: DOCX, XLSX, PPTX, PPSX, OFORM, DOCXF</p> <p>For viewing only: PDF, DJVU, TXT, CSV, ODT, ODS, ODP, DOC, XLS, PPT, PPS, EPUB, RTF, HTML, HTM, MHT, XPS</p>
Collaboration modes	<p>Only real-time co-editing, switching between the modes is not available in the interface.</p>
Customization	<ul style="list-style-type: none">• Setting an interface language and a theme for the editors• Hiding the Chat menu button• Changing information in the About section <p>Other options under development</p>
Basic functions	<ul style="list-style-type: none">• Viewing• Editing• Co-editing <p>Other options under development</p>
Additional actions: Methods	<p>Not available (under development)</p>

Additional actions: Events	<ul style="list-style-type: none"> • Closing the editor • Opening file location • Switching a file from the viewing into the editing mode • Renaming documents • Managing document access rights • Opening Version History (differs from API realization) • Inserting images from storage <p>Other options under development</p>
Security	<ul style="list-style-type: none"> • IP address white listing • Verifying of requests using proof keys
Document permissions	<ul style="list-style-type: none"> • Viewing • Editing • Reviewing (text documents) • Printing • Renaming <p>Other options under development</p>
Limitations	Version History, Mail Merge, inserting images from storage and comparison with a document from storage are not available.

*Actual functionality available in each integration app varies. The table shows functionality that it is currently possible to integrate.

2.2.1 WOPI Integration examples

List of available integration apps includes official connectors developed by ONLYOFFICE team, and the third-party developed apps that are based on WOPI:

Official integration apps	SharePoint
Apps by third-party developers	FileCloud
	OpenKM

3. Deployment models

3.1 Private server deployment

ONLYOFFICE Docs is available as a variety of packages for deployment on-premises within your company's perimeter, including versions for Linux server (including ARM64 servers), Windows server, Docker version, and Podman for Fedora.

Self-hosted suite guarantees full control over your data and is ultimately secure by design, with no information from your instances monitored or stored in a third-party cloud.

Further, see the system requirements for private server deployment options for ONLYOFFICE Docs.

3.1.1 Docker

System requirements for installation on a local server using Docker:

Parameter	Specifications
CPU	dual core 2 GHz or better
RAM	2 GB or more
HDD	at least 40 GB of free space
SWAP	at least 4 GB
OS	amd64 Linux distribution with kernel version 3.10 or later
Docker version	20.10 or later

System requirements for installation on ARM64 architecture using Docker:

Parameter	Specifications
CPU	64-bit ARM processors
RAM	2 GB or more
HDD	at least 40 GB of free space
SWAP	at least 4 GB
OS	Linux distribution for arm64
Docker version	20.10 or later

3.1.2 Linux server

System requirements for installation on Linux server (Debian, Ubuntu, and derivatives):

Parameter	Specifications
CPU	Dual core 2 GHz or better
RAM	2 GB or more
HDD	at least 40 GB of free space
SWAP	at least 4 GB
OS	64-bit Debian, Ubuntu or other compatible distribution with kernel version 3.13 or later
Additional requirements	PostgreSQL: version 12.9 or later
	NGINX: version 1.3.13 or later
	libstdc++6: version 4.8.4 or later
	Redis
	RabbitMQ

System requirements for installation on Linux server (CentOS and derivatives):

Parameter	Specifications
CPU	Dual core 2 GHz or better
RAM	2 GB or more
HDD	at least 40 GB of free space
SWAP	at least 4 GB
OS	RHEL 7 or CentOS 7
Additional requirements	PostgreSQL: version 12.9 or later
	NGINX: version 1.3.13 or later
	Redis
	RabbitMQ

System requirements for installation on Linux server (Debian systems for the 64-bit ARM architecture):

Parameter	Specifications
CPU	64-bit ARM processors
RAM	2 GB or more
HDD	at least 40 GB of free space
SWAP	at least 4 GB
OS	Ubuntu 18.04 or Ubuntu 20.04 for arm64
Additional requirements	PostgreSQL: version 12.9 or later
	NGINX: version 1.3.13 or later
	libstdc++6: version 4.8.4 or later
	Redis
	RabbitMQ

System requirements for installation on Linux server (CentOS or RHEL for the 64-bit ARM architecture):

Parameter	Specifications
CPU	64-bit ARM processors
RAM	2 GB or more
HDD	at least 40 GB of free space
SWAP	at least 4 GB
OS	RHEL 8 or CentOS 8 for arm64
Additional requirements	PostgreSQL: version 12.9 or later
	NGINX: version 1.3.13 or later
	Redis
	RabbitMQ

3.1.3 Windows server

System requirements for installation on Windows server:

Parameter	Specifications
OS	64-bit Windows Server 2012 or higher
Erlang	version 24.2
RabbitMQ	version 3.9.12
Redis:	version 5.0
PostgreSQL	version 12.9 or later

3.1.4 Deployment as Podman on Fedora

System requirements for installation on Linux server (Fedora) using Podman container manager:

Parameter	Specifications
CPU	dual core 2 GHz or better
RAM	2 GB or more
HDD	at least 40 GB of free space
SWAP	at least 4 GB
OS	amd64 Linux distribution with kernel version 3.10 or later

3.1.5 Requirements for large-scale setups

Examples listed above are the minimum requirements for each type of system. Larger setups require more logical cores in the processor, as well as more RAM in order for the Document Server to handle more simultaneous sessions without fault.

Here are the examples of recommended parameters for larger setups*:

Number of simultaneous connections	CPU	RAM
100	4 core	8 GB
200	6 core	12 GB
Up to 1000	32 core	64 GB
More than 1000 (1000 + 1000*N)	Assistance needed for accurate calculation of requirements.	Assistance needed for accurate calculation of requirements.

*These are the rough estimates based on existing use cases. For more accurate information about requirements for individual setup, we advise you to contact sales department.

3.2 Deployment on Kubernetes cluster

It is possible to install ONLYOFFICE Docs within a cluster environment built with Kubernetes using Helm. High-performance, lightweight setup provides guaranteed data resiliency, high server performance preservation, and fault tolerance on any scale.

Here's the basic check list for successful installation on a cluster:

1	Ready-to-use cluster architecture based on Kubernetes, running either on a private server or on a managed third-party infrastructure (e.g. Amazon or DigitalOcean). The Kubernetes cluster should be properly initialized with the corresponding subnet, and master node name. Generally, you need to make sure: <ul style="list-style-type: none"> • All service pods of cluster should be up and running • IP-range for pods network is set up • Cluster network is properly configured
2	Install and configure kubectl on the cluster management host machine.
3	Install Helm v3 on the cluster management host machine.
4	Add ONLYOFFICE Helm repositories.
5	Set up persistent storage according to the provided instructions.
6	Register a domain name you will be using for the Document Server .
7	Obtain an SSL certificate for the domain and place the certificate and the private key to the cluster management host machine.

Contact our team for more detailed checklist for your individual case and links to corresponding assets.

3.3 One-click app deployment

ONLYOFFICE Docs can be deployed as a one-click app in different platforms, where the setup will be pre-configured, with the exception of some manually introduced values such as the JWT secret, in some cases.

One-click apps are available for the following environments:

- UCS (as Univention Virtual Appliance);
- Cloudron;
- Vultr;
- DigitalOcean.

3.4 Deployment on managed architecture: Amazon AWS and Alibaba Cloud

You can launch the ONLYOFFICE Docs Enterprise Edition instance in the Amazon Web Services cloud infrastructure and Alibaba Cloud using the images available on each marketplace.

In both cases, you will get a pre-configured virtual server running on the cloud infrastructure ready for the launch of ONLYOFFICE Docs instance. The image contains all the necessary components to launch the suite on the virtual Linux server, including both the operating system and the software, as well as a storage volume.

Once deployed, ONLYOFFICE Docs is ready to be integrated into application of your choice, including Alfresco, Confluence, Liferay, Nextcloud, ownCloud, SharePoint, HumHub etc.

4. Other solutions: ONLYOFFICE Document Builder

ONLYOFFICE Document Builder is an SDK for automated document generation that is able to build and modify document, spreadsheet, presentation, and form files using the instruments available in ONLYOFFICE Docs.

It allows automatically inserting and formatting document elements (text runs, images, charts, shapes) into the files from the integrated database using Document Builder library based on C++.

ONLYOFFICE Document Builder is compatible with applications based on any programming language. Integration examples are available for .Net (C# MVC), .Net (C#), Node.js, PHP, and Ruby.

Supported formats on ONLYOFFICE Document Builder:

Import	DOC, DOCX, ODT, RTF, TXT, XLS, XLSX, ODS, CSV, PPT, PPSX, PPS, ODP, PPTX
Export	DOCX, ODT, XLSX, PPTX, PDF

ONLYOFFICE Document Builder is a standalone solution not included in the functionality of ONLYOFFICE Docs. To request details about functionality, use, installation, and integration, contact the sales department.

Summary

ONLYOFFICE Docs is a versatile solution for document editing and collaboration in any document management and sharing system hosted on-premises or on managed infrastructure. It combines document, spreadsheet, presentation, and form editing capabilities with collaborative features and is able to provide teams of any scale with seamless and independent collaboration.

ONLYOFFICE Docs can be integrated into external environment using API methods or WOPI protocol via intermediate integration apps and deployed on Linux and Windows servers, as well as a one-click app or virtual image in the third-party cloud.

Inquiries

With inquiries about deployment, integration, use, or distribution of ONLYOFFICE Docs, contact the relevant department:

Sales questions: sales@onlyoffice.com

Partner inquiries: partners@onlyoffice.com

Press inquiries: press@onlyoffice.com

Marketing inquiries: marketing@onlyoffice.com