

# Factsheet

ownCloud Infinite Scale is a Data Management Platform providing the tools to integrate, organize, share and govern data and metadata, thus making collaboration easy for users. Infinite Scale provides data access through a Unified Data Access Layer spanning across organizations' storage ecosystems.

Infinite Scale supports building Enterprise Clouds either operated within a single Infinite Scale instance or by federating multiple Infinite Scale instances. They can be operated on-premises and/or in private, public or hybrid cloud environments. The following spreadsheet lists all its features.

Category	Component	Comment
<b>Storage</b>	<b>Local</b> (POSIX)	"ocis" driver ("decomposedfs"), the default filesystem for Infinite Scale
	<b>NFS</b> (POSIX)	"ocis" driver ("decomposedfs"), the default filesystem for Infinite Scale
	<b>S3</b>	"s3ng" driver; with decomposedfs for metadata (POSIX)
	<b>ownCloud 10 SQL storage driver</b>	Needed for parallel deployments with ownCloud 10 and for migration purposes
<b>Users &amp; IDM</b>	<b>Integrated, lightweight user &amp; group management</b> (LibreIDM)	Out-of-the-box integrated user & group management; can be replaced with external LDAP
	<b>OIDC</b> (LibreConnect)	OpenID Connect for user authentication and single sign-on based on an integrated identity provider; can be replaced with external identity providers
	<b>User roles system</b>	Define user roles based on permissions to create a segregation of duties in administration as well as to distinguish user types
	<b>LDAP integration</b>	Integrate an external LDAP/AD user directory
<b>Content Collaboration</b>	<b>File Management</b> (Upload / Download / Rename / Copy / Move / Delete / etc.)	Ability for users to conduct basic file and folder operations as well as synchronization with clients
	<b>Sharing / Access management</b> (permissions on data)	Ability for users to share files and folders with users, groups and via links
	<b>Spaces</b>	User-independent project and team folders with multiple owners and dedicated behavior
	<b>Deleted Files / Trash bin</b>	Ability for users to restore deleted files
	<b>File Versioning</b>	Ability for users to automatically create versions upon file changes and to restore them
	<b>Media Viewer</b> (Preview)	Ability for users to preview images, videos and music files in the browser
	<b>File Locking</b>	Ability for users to lock files to prevent concurrent edits
<b>Archive download for multiple files and folders</b>	Ability for users to download multiple files and folders as archives	

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<b>Platform</b>	<b>User settings</b>	Framework for users to define their settings like web UI language
	<b>Notifications</b>	Framework to inform users about events in the platform; Mail notification for the event "Share received"
	<b>File Search</b>	Global search by file name, filter current folder by file name
	<b>File metadata management framework</b>	Store and retrieve arbitrary metadata related to files
	<b>Event system</b>	Framework to enable cross-service communication based on events
<b>Customization</b>	<b>Web branding</b> (runtime branding based on config values)	Customize the ownCloud Web frontend according to your corporate identity
<b>API &amp; Integration</b>	<b>WebDAV</b>	API for file operations; API endpoints known from ownCloud 10
	<b>OCS</b>	Open Collaboration Services, ownCloud-specific API endpoints known from ownCloud 10
	<b>LibreGraph</b>	Open implementation of the MS Graph API, currently used for the management of Spaces
<b>Administration &amp; Operations</b>	<b>Technical service metrics</b>	Load, memory usage, etc. per oCIS service
	<b>Logging</b>	Technical log for operations and debugging
	<b>Auditing</b>	Ability to log all operations conducted by users for compliance and traceability
<b>Deployment</b>	<b>Single binary</b>	The most simple way to deploy Infinite Scale for testing purposes
	<b>Systemd</b>	Deploy Infinite Scale as a Systemd service
	<b>Docker</b>	Deploy Infinite Scale using Docker and Docker-Compose
	<b>Helm / Kubernetes</b>	Deploy Infinite Scale in Kubernetes
<b>Integrations</b>	Web Office: <b>Collabora Online</b>	Collabora Online can be integrated via the wopiserver extension; automatic file locking capabilities are available
	Web Office: <b>ONLYOFFICE</b>	ONLYOFFICE can be integrated via the wopiserver extension; automatic file locking capabilities are available
	Web Office: <b>Microsoft Office Online</b>	Microsoft Office Online can be integrated via the wopiserver extension; automatic file locking capabilities are available




## About ownCloud

ownCloud develops and provides open-source software for content collaboration, allowing teams to easily share and work on files seamlessly regardless of device or location. More than 200 million users worldwide already use ownCloud as an alternative to public clouds – and thereby opt for more digital sovereignty, security and data protection.

For further information, please visit [owncloud.com](https://owncloud.com) or find [@ownCloud](https://twitter.com/ownCloud) on Twitter.

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