ownCloud

Update Package

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This document describes the ownCloud offering for updating an existing ownCloud installation to the latest version.

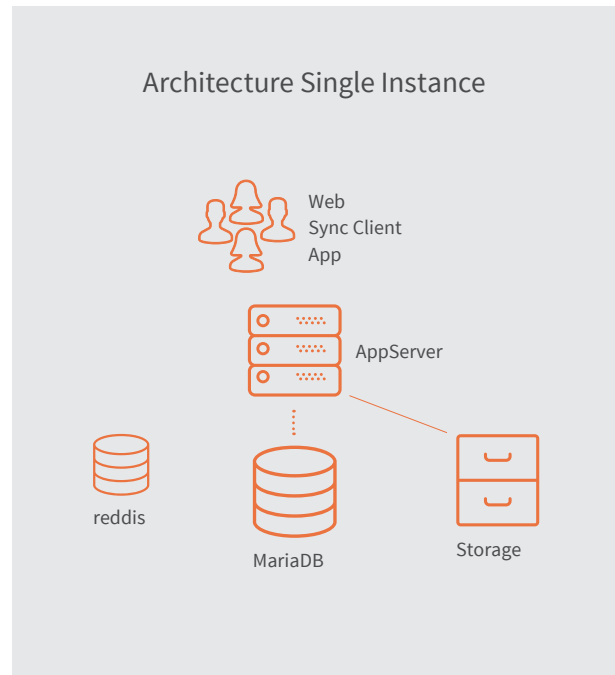**Prerequistes in preparation for the KickOff call**

- **Remote access to the customer system**
- **latest config.report and owncloud.log**

…, we need to check the owncloud.log for existing problems.

Kickoff call to:
Verify the current installation

- **ownCloud version**
- **OS – version**
- **PHP – version**
- **Database version**
- **User management LDAP, ownCloud user**

Architecture Single Instance

Web
Sync Client
App

AppServer

reddis

MariaDB

Storage

ownCloud Professional Service update procedure

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This table provides an overview of the needed work packages in order to execute this project.

No.	Title	Description	Effort (hours)
1.0	Kickoff Meeting	Meeting to plan the upgrade process	2
	Backup	Check the backup procedure	
2.0	Update on staging	• Install existing ownCloud version • Import DB from production • Update on staging • Test installation on staging	2
3.0	Update on Production		4
	Install	Install ownCloud latest stable version on production	
	Backup	Backup the current running system (storage, database)	
	Update DB to latest stable ownCloud version	• Move the existing database to the freshly installation • Run the migration	
	Configuration	This will include: • Application Server setup • Redis setup • Configuration for database access • Configuration AD access • Configuration of primary and secondary storage	
	Test	Test the installation	

Test Cases for final acceptance

After running the update procedure ownCloud
Professional Service will perform the following tests
to verify the installation.

No.	Use Case	Tested on	Accepted by Customer
1.0	General ownCloud Use Cases		
1.1	User A from AD logs into ownCloud Web-UI with his LDAP-credentials. He uploads a text-file via the Web-UI. The file gets successfully synced on his Desktop-Client.		
1.2	User A from AD shares the uploaded file with User B. User B also from AD can access this file via the Web-UI and Desktop-Client.		
1.3	User B is changing the text-file and adds a comment. The change is shown in the Activity and the Version properties of this file. User A views the comment and performs a rollback of this file to the original version.		
1.4	User A uploads a large file (10 GB) via the Sync-Client. The sync is successful and the file is shown in the Web-UI (current browsers Chrome, Firefox, Safari, IE11 (no compatibility mode))		

Project Planning for Work packages

Required preparations by Customer

All virtual machines are set up with Ubuntu 16.04 LTS

Required dependencies/packages are installed (please refer to the documentation for more details).

- Webserver VM
- PHP 7
- PHP module ctype
- PHP module dom
- PHP module GD
- PHP module iconv
- PHP module JSON
- PHP module libxml
  (Linux package libxml2 must be >=2.7.0)
- PHP module mb multibyte
- PHP module posix
- PHP module SimpleXML
- PHP module XMLWriter
- PHP module zip
- PHP module zlib
- PHP module for redis
  (>= 2.2.6+, required for Transactional File Locking)
- PHP module apcu (memcache)
- PHP module curl (highly recommended, some functionality, e.g. HTTP user authentication, depends on this)

- PHP module fileinfo
  (highly recommended, enhances file analysis performance)
- PHP module bz2 (recommended, required for extraction of apps)
- PHP module intl (increases language translation performance and fixes sorting of non-ASCII characters)
- PHP module mcrypt (increases file encryption performance)
- PHP module openssl (required for accessing HTTPS resources)
- PHP module pdo_MariaDB (MariaDB/MariaDB)
- PHP module ldap (for LDAP integration)
- PHP module ftp (for FTP storage / external user authentication)
- PHP module imap (for external user authentication)
- PHP module smbclient (SMB/CIFS integration)
- PHP module exif (for image rotation in gallery app)
- PHP module gmp (for SFTP storage)
- Redis VM
- PHP module redis-server
  (>= 2.2.6+, required for Transactional File Locking)
- Database VM
- MariaDB 10.0 (default of Ubuntu 16.04)

All VMs are reachable via the network and can be accessed via SSH .

During the installation, please provide the following resources:

- Remote access for remote sessions, phone conferencing facilities

Supported Platforms

Please refer to the supported platform documentation for more details.

Price-Tag : 980 €

Service Package Update EN 180306

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