
DeskApp Admin Manual

Release 1.0 final

Kopano

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Edition 1.0 - The Kopano Team

This document describes how to install, upgrade, configure and maintain DeskApp on your system.

Introduction

This document describes how to install, upgrade, configure and maintain the Kopano-DeskApp client on your system.

System requirements

2.1 WebApp

We recommend you run the latest stable WebApp version.

2.2 Operating system

DeskApp works on every modern operating system. Refer to the Kopano download page for the correct package for your operating system.

Note: Due to outdated dependencies, Debian 7 64bit does not work with DeskApp.

Installation

3.1 Linux

3.1.1 Repository setup

DeskApp can be installed via our repositories. Read more here: <https://kb.kopano.io/display/WIKI/Configure+repositories>

3.1.2 Linux - .rpm based installation

Deskapp can be installed on RPM-based operating systems with the following command:

```
sudo rpm -Uhv kopano-deskapp.rpm
```

Alternatively you can use your graphical package manager to install DeskApp.

3.1.3 Linux - .deb based installation

DeskApp can be installed on DEB-based operating systems with the following command:

```
sudo dpkg -i kopano-deskapp.deb
```

Alternatively you can use your graphical package manager to install DeskApp.

3.2 Windows

On Windows DeskApp can be installed by executing the kopano-deskapp.exe file. Follow the instructions on the screen to proceed with the installation.

3.2.1 Group Policy installation

For GPO installs use the Kopano-DeskApp-en.msi package.

3.3 Mac OSX

On Mac OSX the kopano-deskapp.dmg file can be dragged to your application folder. This will initialize a copy of DeskApp to your local system.

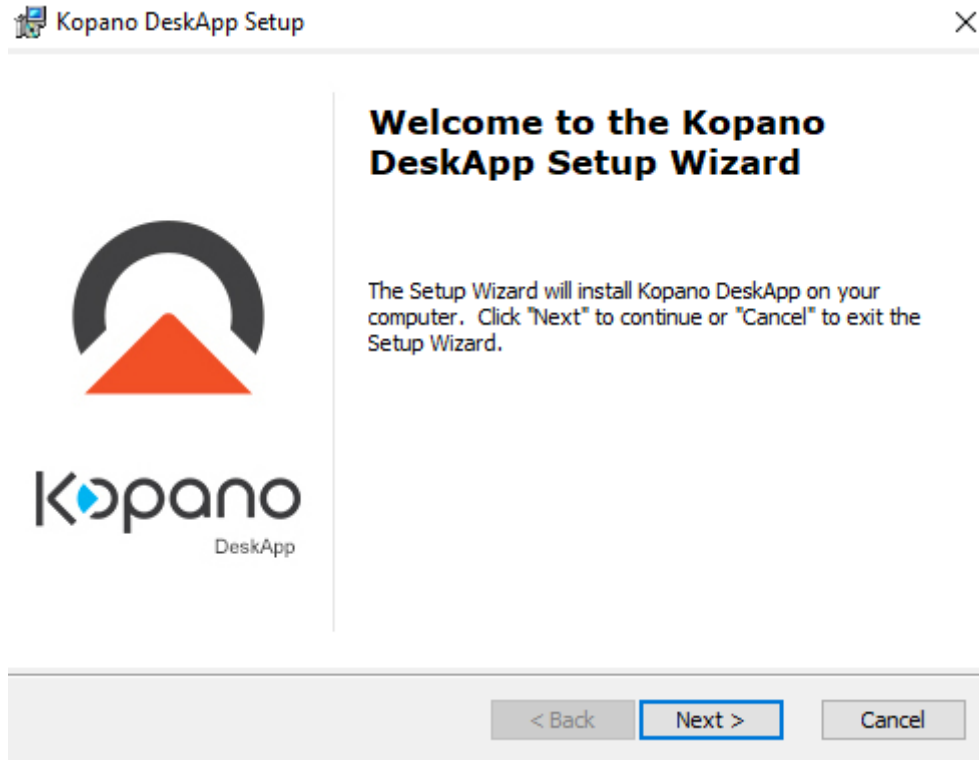


Fig. 3.1: The Windows Installer

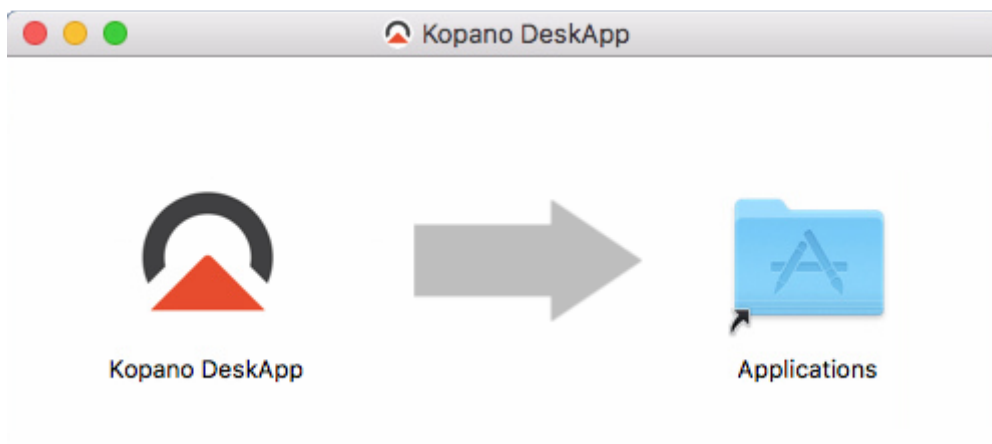


Fig. 3.2: The Mac Installer

3.4 Flash Installation

On Windows based systems PPAPI flash is needed to work with PowerPaste (provided by WebApp) and Word.

Link: <http://get.adobe.com/flashplayer/otherversions/>

Version needed: Chromium PPAPI

Configuration

4.1 DeskApp Autodiscovery

Based on the email address of a user, DeskApp can ‘discover’ the URL of your WebApp server. This only requires a simple TXT record.

Example:

| Type | Name | Value | TTL |
|------|----------------|---|-----------|
| TXT | yourserver.com | kdiscover https://yourserver.com/webapp/ | Automatic |

4.2 Profile creation

There are two ways to create a profile in DeskApp. If no profile is configured a profile creation screen is visible. Another way to create a profile is via the DeskApp settings. In both windows profiles can be created by entering your credentials. The following fields are mandatory:

- Profile name
- Username
- Password
- WebApp address

If Autodiscovery is enabled by the administrator the email address can be used to discover the WebApp address. More information about Autodiscovery [here](#).

The ‘use system credentials’ settings should only be enabled if the administrator has set up a ‘Single Sign-on’ environment.

Profiles can be set as default via the ‘Set as default profile’. The default profile will be shown as the first profile in the profile drop down. If ‘Automatically login with the default profile’ option is set, the default profile will be loaded after DeskApp is started.

4.3 Deployment

DeskApp offers the possibility to set up its configuration with INI-style files. This can be used for mass deployments.

Important: Kopano DeskApp 1.3 final is needed at least.

4.3.1 Methods

Currently, there are three different methods available to import settings from an ini file.

- commandline parameter

Run DeskApp with `--importini="<path-to-ini>"`, also works with UNC paths on Windows.

- default location

DeskApp checks whether a file called `deskapp.ini` exists in the user-data-dir. Default user-data-dirs are:
 - Windows: `%LOCALAPPDATA%\Kopano DeskApp\User Data\Default\` - Mac: `~/Library/Application Support/Kopano DeskApp/User Data/Default/` - Linux: `~/config/Kopano DeskApp/User Data/Default/`

- registry key (Windows only)

DeskApp will also check if the registry key `HKEY_CURRENT_USER\Software\Kopano\Kopano DeskApp\importINI` exists, and use its value as path to the ini. A corresponding `.reg` file might look like this.

```
Windows Registry Editor Version 5.00

[HKEY_CURRENT_USER\Software\Kopano\Kopano DeskApp]
"importINI"="\\\\127.0.0.1\\c$\\tmp\\deskapp.ini"
```

Again local and UNC paths are supported.

4.3.2 Environment variables

In mass deployments the usage of environment variables helps a lot, because the admin does not need to create a ini file per user. Environment variables are supported for the keys name, email, url, username and `defaultDownloadLocation`. To reference any environment variable available, enclose it in `'${}'`.

In a Windows environment, for example, the `USERNAME` variable could be used like this:

```
username=${USERNAME}
```

4.3.3 Format

The ini file format consists of different sections, which are described in the following paragraphs. Sections are enclosed in `[name]`. Comments can be added by prepending a `;`.

There is one important exception, which is not within a section, but at the toplevel.

```
forceImport=true|false
```

The `forceImport` key determines whether existing settings should be overwritten, or not. Defaults to `false` if omitted.

General section

The general section its key `defaultProfile` are mandatory. The other keys that can be defined here are optional. This section supports the following keys:

| Key | Value | Description | Mandatory |
|-----------------------------|-------------------------|--|-----------|
| <code>defaultProfile</code> | <code>profile_n</code> | the default profile, has to exist in profiles | Yes |
| <code>autoLogin</code> | <code>true false</code> | automatically login with the default profile | No |
| <code>hideOnMinimize</code> | <code>true false</code> | hide DeskApp from the taskbar to the tray when minimized | No |
| <code>closeOnLogout</code> | <code>true false</code> | Close DeskApp with the logout button | No |
| <code>zoomFactor</code> | <code>percentage</code> | zoom factor in percent | No |

Profiles sections

Profiles are defined in the profiles sections. A profile section always follows the syntax profiles.profile_n. Where n is counting from 1. So, the section profiles.profile_1 would be the first profile and so on.

Possible keys are listed in the following table.

| Key | Value | Description | Mandatory |
|------------------|------------------|---|-----------|
| id | profile_n | id of the profile , has to match the section | Yes |
| name | string | the name of the profile | Yes |
| email | emailaddress | the users emailaddress | No |
| rememberPassword | true/false | if the password is not remembered the user has to enter it on every login | No |
| authType | webapp/ssl/basic | <ul style="list-style-type: none"> webapp: default webapp login, sso: ntlm and kerberos authentication basic: basic authentication | Yes |
| url | url | url to WebApp. http(s)://<host>/<path>/index.php?logon | Yes |
| username | string | the user loginname, if omitted the user will be asked on first login | No |
| password | string | password in cleartext, will be saved encrypted, if omitted the user will be asked on first login | No |

Downloads Section

In the downloads section the download behaviour can be determined by the following keys.

| Key | Value | Description | Mandatory |
|-------------------------|---------------|--|-----------|
| showSaveAs | true/false | show the save as dialog for all downloads | Yes |
| downloadBehaviour | ask/open/save | What do do after a download | No |
| defaultDownloadLocation | folderpath | the location on the filesystem where to save downloads | No |

Spellcheck Section

It is possible to define multiple languages for spellchecking in the spellcheck section. If the spellcheck languages are not set here, DeskApp will use the language of the operating system. This section only supports the key "languages[]". It has to be specified multiple times, for multiple languages. Supported languages are:

| code | language |
|------------------------|-----------|
| af | Afrikaans |
| bg | Bulgarian |
| ca | Catalan |
| cs | Czech |
| da | Danish |
| de | German |
| Continued on next page | |

Table 4.1 – continued from previous page

| code | language |
|-------|--------------------------|
| el | Greek |
| en-AU | English (Australia) |
| en-CA | English (Canada) |
| en-GB | English (United Kingdom) |
| en-US | English (United States) |
| es | Spanish |
| et | Estonian |
| fa | Persian |
| fo | Faroese |
| fr | French |
| he | Hebrew |
| hi | Hindi |
| hr | Croatian |
| hu | Hungarian |
| id | Indonesian |
| it | Italian |
| ko | Korean |
| lt | Lithuanian |
| lv | Latvian |
| nb | Norwegian Bokmål |
| nl | Dutch |
| pl | Polish |
| pt-BR | Portuguese (Brazil) |
| pt-PT | Portuguese (Portugal) |
| ro | Romanian |
| ru | Russian |
| sh | Serbo-Croatian |
| sk | Slovak |
| sl | Slovenian |
| sq | Albanian |
| sr | Serbian |
| sv | Swedish |
| ta | Tamil |
| tg | Tajik |
| tr | Turkish |
| uk | Ukrainian |
| vi | Vietnamese |

Example

```

; Only import if no settings are present yet
forceImport=false

; general: automatically login with profile_1,
; do not hide on minimize and set the zoomlevel to 120%
[general]
defaultProfile=profile_1
autoLogin=true
hideOnMinimize=false
zoomFactor=120

; profile_1: profile with default WebApp authentication, taking the username
; and the first part of the emailaddress from environment variables.
; Remembers the password, after the user has entered it the first time.
[profiles.profile_1]

```

```

id=profile_1
name=My first DeskApp profile
email=${USERNAME}@example.com
rememberPassword=true
authType=webapp
url=https://webapp.example.com/webapp/index.php?logon
username=${USERNAME}

; profile_2: the second profile with ntlm or kerberos authentication against WebApp
; username and password are not needed
[profiles.profile_2]
id=profile_2
name=The SSO Profile
email=sso@example.com
authType=sso
url=https://sso.example.com/webapp/index.php?logon

; profile_3: the third profile uses basic auth and even sets up the password.
; Keep in mind the password has to be in cleartext which might be insecure.
[profiles.profile_3]
id=profile_3
name=Profile 3
email=user3@example.com
rememberPassword=true
authType=basic
url=https://basic.example.com/webapp/index.php?logon
username=user3
password=mysecretpassword

; downloads: download without asking where to save to the environments TEMP folder
; and open the file after downloading
[downloads]
openOnCompleted=true
showSaveAs=false
defaultDownloadLocation=${TEMP}

; spellcheck: use german and us english for spellchecking
[spellcheck]
languages []="de"
languages []="en-US"

```

4.4 Mailto

4.4.1 Example mailto

```
mailto:abc@def.de?cc=xyz@bla.com%2C1@2.de&bcc=spy@bcc.de&body=A%20body&subject=the
↳%20subject&attach=C:\tmp\lululu.txt
```

4.4.2 RFC

Read more here: <https://tools.ietf.org/html/rfc2368>

5.1 Logging

Start DeskApp via the command line with the following option:

Linux and MacOS

```
--enable-logging=stderr
```

For windows

```
--enable-logging
```

Alternatively you can start DeskApp with an extra verbose option:

Linux and MacOS

```
--enable-logging=stderr --v=1
```

For windows

```
--enable-logging --v=1
```

More information about logging can be found here: <https://www.chromium.org/for-testers/enable-logging>