



# ZENworks Mobile Workspace

## *Feature Check list*

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








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# Summary

This document aims to offer a check list to control all available features provided by ZENworks Mobile Workspace Workspace.











## ZENworks Mobile Workspace security layer

| Feature                                      | Platforms   |   | Security consideration   |
|--|---|---|--|
| Integrity check                              |    |    | Jailbroken and rooted device lost OS security mechanisms                     |
| Strong authentication                        |    |    | User & application must be authenticated                                     |
| Second layer of encryption for communication |    |    | OS TLS encryption maybe compromised (MitM, security flow)                    |
| Request validation                           |    |    | Request reaching ZENworks Mobile Workspace are identified (USER-AGENT, XSD)  |
| Second layer of encryption for storage       |    |    | OS data encryption maybe compromised (no PIN code, jailbreak, security flow) |
| Data leakage prevention (OS)                 |    |    | OS automatic screenshot, Pasteboard  |
| Data leakage prevention (User)               |   |  | User screenshot, Pasteboard  |
| Live contextual rules                        |  |  | Context must be process at each request not only at login                    |
| No root access, no credential storage        |  |  | User data are accessed with user credentials                                 |













## ZENworks Mobile Workspace MAM







| Feature   | Platforms   |   | Security consideration                  |
|---|---|---|---|
| Life cycle on unmanaged devices (No MDM profile req.) |  |  | 1 On boarding of untrusted devices      |
| Enterprise store                                      |  |  | Authenticated enterprise store          |
| Access control  |  |  | Applications according to user's rights |
| Version control                                       |  |  |   |
| Allow usage of standard MDM/EMM                       |  |  |   |







# ZENworks Mobile Workspace management

| Feature                      | Platforms   |   | Security consideration  |
|------------------------------|---|---|---|
| User management              |  |  | Block and disenroll users   |
| Device management            |  |  | Block, disenroll, access device logs and crash reports                      |
| Security policies management |  |  | Life cycle control, cache control, key control, password change policy, ... |
| Access control list          |  |  | Only internal computer can access administration consoles                   |
| Role based management        |  |  | Sensitive configuration must be handled by authorized users                 |
































## Mail





















| Feature   | Platforms   |   | Security consideration                        |
|---|---|---|---|
| Refresh folders   |    |    |   |
| See the number of unread emails in folder list view       |   |   |   |
| Show email(s) in Inbox (after login)                      |  |  | Limit maximum available mails                 |
| Show emails from the last days/weeks or month             |  |  |   |
| Search an email   |  |  |   |
| Move one or more emails                                   |  |  |   |
| Flag read/unread one or more emails                       |  |  |   |
| Delete one or more emails                                 |  |  |   |
| Delete + Flag read/unread quick actions in mail list view |  |  |   |
| Display mail content                                      |  |  | HTML filter to avoid to supply malicious code |
| Emoticon sending and receiving                            |  |  |   |
| Display next/previous email                               |  |  |   |
| Automatic status change of unread email                   |  |  |   |

| Feature   | Platforms   |   | Security consideration  |
|---|---|---|---|
| Display mail attachment (PDF, Images, Text)                       |    |    | Embedded reader to stay in the sandbox, server side access control (mime-type, size)  |
| Display mail attachment (MS Office)                               |    |    | Embedded reader to stay in the sandbox, server side access control (mime-type, size)  |
| Attachment can be saved in Document                               |    |    |   |
| New contact creation from email                                   |    |    |   |
| Call a phone number from an email                                 |    |    |   |
| Reply to an invitation via email                                  |    |    |   |
| Open web pages from email link                                    |    |    | Embedded Browser to stay in the sandbox   |
| Compose a mail from mail address on HTML mail body                |    |    |   |
| Add sender email to existing contact                              |    |    |   |
| Call a number from a phone number in an email                     |   |   |   |
| Create a new contact from a phone number in an email              |   |  |   |
| Write a new email   |  |  |   |
| Add an attachment to an email                                     |  |  |   |
| Save a draft  |  |  |   |
| Send an email   |  |  |   |
| Retrieve an email of a frequent contact tapping the first letters |  |  |   |
| Display number of unread emails on app icon                       |  |  | Available only on following Android devices: Sony, Samsung, LG, HTC, Xiaomi, ASUS, ADW, APEX, NOVA, Huawei, ZUK, OPPO, EverythingMe |
| Retrieve an email address while tapping the first letters         |  |  |   |
| Retrieve an email address from address book                       |  |  |   |
| Reply to an email (just to sender)                                |  |  |   |
| Reply to an email (reply all)                                     |  |  |   |























| Feature                                     | Platforms   |   | Security consideration |
|---|---|---|------------------------|
| Forward an email with / without attachments |  |  |                        |
| Clear frequent contacts locally stored      |  |  |                        |
| Set a signature for outgoing emails         |  |  |                        |



















## Calendar

| Feature  | Platforms   |   | Security consideration |
|--|---|---|------------------------|
| Refresh meeting list                                   |    |    |                        |
| Show meeting list (after login)                        |    |    |                        |
| Return to current day with "Today" button in all views |    |    |                        |
| Show multiday meetings                                 |    |    |                        |
| Load older/previous meetings                           |    |    |                        |
| Load future/more meetings                              |  |  |                        |
| Show meetings of a selected day (month view)           |  |  |                        |
| Switch list mode / month mode / day mode               |  |  |                        |
| Change day and month in list mode (iPad)               |  |   |                        |
| Change month from list in month mode (iPad)            |  |   |                        |
| Change year in month mode (iPad)                       |  |   |                        |
| Change month with swipe in month mode                  |  |  |                        |
| Change month with arrows in month mode                 |  |  |                        |
| Show a dot on days with meetings in month mode         |  |  |                        |
| Search a meeting                                       |  |  |                        |
| Open a meeting   |  |  |                        |
| Reply to an invitation from calendar                   |  |  |                        |













| Feature                                       | Platforms   |   | Security consideration             |
|---|---|---|------------------------------------|
| Create a new meeting from all views           |  |  |                                    |
| Create a new all-day meeting from all views   |  |  |                                    |
| Create a new multiday meeting from all views  |  |  |                                    |
| Create a new recurring meeting from all views |  |  |                                    |
| Edit a meeting                                |  |  |                                    |
| Add/remove attendees to a meeting             |  |  |                                    |
| See attendees status                          |  |  |                                    |
| Delete a meeting                              |  |  |                                    |
| Import meetings from native application       |  |  |                                    |
| Export meetings to native application         |  |  | Anonymization of confidential data |

## Contacts









| Feature                                       | Platforms   |   | Security consideration |
|---|---|---|------------------------|
| Show folder containing contacts               |  |  |                        |
| Show all locally available contact            |  |  |                        |
| One-time download of contacts                 |  |  |                        |
| Filter contacts by category                   |  |  |                        |
| Sort contacts                                 |  |  |                        |
| Search contacts (local, server, GAL)          |  |  |                        |
| New contact creation                          |  |  |                        |
| Edit contact                                  |  |  |                        |
| Show all available data of a selected contact |  |  |                        |
| Emoticon                                      |  |  |                        |
| Delete contact list                           |  |  |                        |

| Feature  | Platforms   |   | Security consideration                      |
|--|---|---|---|
| Delete contact from Edit                             |  |  |   |
| See contact address on Google maps from Contact menu |  |  |   |
| Send meeting invitation from contact                 |  |  |   |
| Send SMS to contact from contact                     |  |  |   |
| Send email from contact                              |  |  | Embedded mail editor to stay in the sandbox |
| Call contact   |  |  |   |
| Import contacts from native application              |  |  |   |
| Export contacts to native application                |  |  | Anonymization of confidential data          |
| Secure caller identification                         |  |  |   |





























## Tasks

| Feature                         | Platforms   |   | Security consideration |
|---------------------------------|---|---|------------------------|
| Get the list of ongoing tasks   |  |  |                        |
| Get the list of completed tasks |  |  |                        |
| Create a new task               |  |  |                        |
| Read a task with detail         |  |  |                        |
| Delete a task                   |  |  |                        |
| Mark a task as completed        |  |  |                        |















## Web browser

| Feature                              | Platforms   |   | Security consideration     |
|--------------------------------------|---|---|----------------------------|
| Show home page after opening browser |  |  |                            |
| Enter a URL and go to page           |  |  | Allowed URL on server side |
| Error message for not existing pages |  |  |                            |
| Open a new page from hyperlink       |  |  |                            |







| Feature                                      | Platforms   |   | Security consideration                      |
|--|---|---|---|
| Go to Home page by clicking Home button      |    |    |   |
| Refresh a web page                           |    |    |   |
| Back and forward buttons                     |    |    |   |
| Stop loading a page                          |    |    |   |
| Share a web page                             |    |    |   |
| Bookmark a page                              |    |    |   |
| Open a page from bookmarks                   |    |    |   |
| Delete a bookmark                            |    |    |   |
| Add a webapp to Workspace sidebar            |    |    |   |
| Open a webapp from Workspace sidebar         |    |    |   |
| Remove a webapp from Workspace sidebar       |    |    |   |
| Compose a mail from mail address on web page |  |  | Embedded mail editor to stay in the sandbox |
| Homepage configured by administrator         |  |  |   |
| Access webapps configured by administrator   |  |  |   |

## Documents

| Feature                             | Platforms   |   | Security consideration |
|-------------------------------------|---|---|------------------------|
| Navigation in Local drive           |  |  |                        |
| Local files list                    |  |  |                        |
| File opening in Local drive         |  |  |                        |
| Rename a file in Local drive        |  |  |                        |
| Create a new folder in Local drive  |  |  |                        |
| Rename a folder in Local drive      |  |  |                        |
| Delete single folder on local drive |  |  |                        |







| Feature   | Platforms   |   | Security consideration                      |
|---|---|---|---|
| Delete single file on local drive                     |    |    |   |
| Multiple file delete in local drive                   |    |    |   |
| Move single folder in local drive                     |    |    |   |
| Move single file in local drive                       |    |    |   |
| Move multiple files in local drive                    |    |    |   |
| Create a new folder into a subfolder in local drive   |    |    |   |
| Local search from root folder                         |    |    |   |
| Local search from subfolder                           |    |    |   |
| Local search of documents                             |    |    |   |
| Send a file in Documents as attachment of an email    |    |    | Embedded mail editor to stay in the sandbox |
| New file import - photo/video                         |    |    |   |
| *Navigation in Remote drive                           |  |  |   |
| *Remote files list                                    |  |  |   |
| *File download / opening from Remote drive            |  |  |   |
| *Rename a file in Remote drive                        |  |  |   |
| *Rename a folder in Remote drive                      |  |  |   |
| *Create new folder in Remote drive                    |  |  |   |
| *Folder delete in Remote drive                        |  |  |   |
| *Single file delete in Remote drive                   |  |  |   |
| *Multiple file delete in Remote drive                 |  |  |   |
| *File upload in Remote drive                          |  |  |   |
| *Create a new folder into a subfolder in Remote drive |  |  |   |
| **Add annotations to PDF files                        |  |  | In memory annotations                       |

| Feature  | Platforms   |   | Security consideration |
|--|---|---|------------------------|
| **Save PDF annotations to a new file               |  |  | In memory annotations  |
| **Edit / cancel annotations of annotated PDF files |  |  | In memory annotations  |

\* Only if connected to a CMS such as SharePoint or Alfresco

\*\* Only if Annotation add on has been purchased

## Camera

| Feature                     | Platforms   |   | Security consideration |
|-----------------------------|---|---|------------------------|
| Take a picture              |  |  |                        |
| Save a picture in Documents |  |  |                        |
| Send a picture by Mail      |  |  |                        |