# ZENworks Mobile Workspace

## Workspace Checklist

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## 1    SUMMARY

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

## 2    ZENWORKS MOBILE WORKSPACE SECURITY LAYER

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

## 3    ZENWORKS MOBILE WORKSPACE MAM

| Feature | 🍎 | 🤖 | Security consideration |
|---|---|---|---|
| Life cycle on unmanaged devices (No MDM profile req.) | X | X | On boarding of untrusted devices |
| Enterprise store | X | X | Authenticated enterprise store |
| Access control | X | X | Applications according to user's rights |

| | | |
|---|---|---|
| Version control | X | X | |
| Allow usage of standard MDM/EMM | X | X | |

## 4    ZENWORKS MOBILE WORKSPACE MANAGEMENT

| Feature | | | Security consideration |
|---|---|---|---|
| User management | X | X | Block and disenroll users |
| Device management | X | X | Block, disenroll and wipe data |
| Security policies management | X | X | Life cycle control, cache control, key control |
| Access control list | X | X | Only internal computers can access administration consoles |
| Role based management | X | X | Sensitive configuration must be handled by authorized users |

## 5 MAIL

| Feature |  |  | Security consideration |
|---|:---:|:---:|---|
| Refresh folders | X | X | |
| See the number of unread emails in the folder list | X | X | |
| Show email(s) in Inbox (after login) | X | X | Limit maximum available mails |
| Show emails from the last days, weeks or month | X | X | |
| Search email | X | X | |
| Move one or more emails | X | X | |
| Flag read/unread one or more emails | X | X | |
| Delete one or more emails | X | X | |
| Delete + Flag read/unread quick actions in mail list | X | X | |
| Display mail content | X | X | HTML filter to avoid to supplying malicious code |
| Emoticon sending and receiving | X | X | |
| Display next/previous email | X | X | |
| Automatic status change of unread email | X | X | |
| Display mail attachment (PDF, Images, Text) | X | X | Embedded reader to stay in the sandbox, server side access control (mime-type, size) |
| Display mail attachment (MS Office) | X | X | Embedded reader to stay in the sandbox, server side access control (mime-type, size) |
| Attachment can be saved in Document | X | X | |
| New contact creation from email | X | X | |
| Call a phone number from an email | X | X | |
| Reply to an invitation via email | X | X | |
| Open web pages from email link | X | X | Embedded browser to stay in the sandbox |
| Compose a mail from mail address on HTML mail | X | X | |
| Add sender email to existing contact | X | X | |
| Call a number from a phone number in an email | X | X | |
| Create a new contact from a phone number in an |  | X | |
| Write a new email | X | X | |
| Add an attachment to an email | X | X | |
| Save a draft | X | X | |
| Send an email | X | X | |

| | | | |
|---|---|---|---|
| Retrieve an email of a frequent contact tapping the first letters | X | X | |
| Display number of unread emails on app icon | X | X | Available only on the following Android devices: Sony, Samsung, LG, HTC, Xiaomi, ASUS, ADW, APEX, NOVA, Huawei, ZUK, OPPO, Every- |
| Retrieve an email address while tapping the first let- | X | X | |
| Retrieve an email address from address book | X | X | |
| Reply to an email (just to sender) | X | X | |
| Reply to an email (reply all) | X | X | |
| Forward an email with / without attachments | X | X | |
| Clear frequent contacts locally stored | X | X | |
| Set a signature for outcoming emails | X | X | |

## 6    CALENDAR

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

| | | | |
|---|---|---|---|
| Add/remove attendees to a meeting | X | X | |
| See attendees status | X | X | |
| Delete a meeting | X | X | |
| Import meetings from native application | X | X | |
| Export meetings to native application | X | X | Anonymization of confidential data |

## 7     CONTACT

| Feature | 🍎 | 🤖 | Security consideration |
|---|---|---|---|
| Show folder containing contacts | X | X | |
| Show all locally available contact | X | X | |
| One-time download of contacts | X | X | |
| Filter contacts by category | X | X | |
| Sort contacts | X | X | |
| Search contacts (local, server, GAL) | X | X | |
| New contact creation | X | X | |
| Edit contact | X | X | |
| Show all available data of a selected contact | X | X | |
| Emoticon | X | X | |
| Delete contact list | X | X | |
| Delete contact from Edit | X | X | |
| See contact address on Google maps from Contact menu | X | X | |
| Send meeting invitation from contact | X | X | |
| Send SMS to contact from contact | X | X | |
| Send email from contact | X | X | Embedded mail editor to stay in the sandbox |
| Call contact | X | X | |
| Import contacts from native application | X | X | |
| Export contacts to native application | X | X | Anonymization of confidential data |

## 8    WEB BROWSER

| Feature |  |  | Security consideration |
|---|---|---|---|
| Show home page after opening browser | X | X | |
| Enter a URL and go to page | X | X | Allowed URL on server side |
| Error message for not existing pages | X | X | |
| Open a new page from hyperlink | X | X | |
| Go to Home page by clicking Home button | X | X | |
| Refresh a web page | X | X | |
| Back and forward buttons | X | X | |
| Stop loading a page | X | X | |
| Share a web page | X | X | |
| Bookmark a page | X | X | |
| Open a page from bookmarks | X | X | |
| Delete a bookmark | X | X | |
| Add a webapp to the ZENworks Mobile Workspace sidebar | X | X | |
| Open a webapp from ZENworks Mobile Workspace sidebar | X | X | |
| Remove a webapp from ZENworks Mobile Workspace sidebar | X | X | |
| Compose a mail from mail address on web page | X | X | Embedded mail editor to stay in the sandbox |

## 9    DOCUMENT

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

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


** Only if Annotation add on has been purchased