



OX2OX Migration Framework Source Technical Documentation
for
2.1.0

2021-05-27

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Contents

1	General Information	2
1.1	Warnings	2
1.2	Delivery Comment	2
1.3	Install Package Repository	2
1.4	Build Dependencies	2
1.5	Notice	3
2	Shipped Packages and Version	3
2.1	Package open-xchange-omf-source	3
2.1.1	Installation	3
2.1.2	Configuration	3
A	Configuration Files	3

1 General Information

1.1 Warnings

Warning

This preview delivery is not for productive usage and not affected by service-level agreements.

Warning

It is mandatory to restart the **open-xchange** service on all middleware nodes after performing the update.

Warning

Custom configuration or template files are potentially not updated automatically. After the update, please always check for files with a **.dpkg-new** or **.rpmnew** suffix and merge the changes manually. Configuration file changes are listed in their own respective section below but don't include changes to template files. For details about all the configuration files and templates shipped as part of this delivery, please read the relevant section of each package.

1.2 Delivery Comment

This delivery was requested with following comment:

OMF Source 2.1.0 Preview Delivery 3

1.3 Install Package Repository

This delivery is part of a restricted preview software repository:

<https://software.open-xchange.com/components/omf-source/preview/2.1.0/DebianBuster-7.10.4>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/DebianStretch-7.10.4>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL7-7.10.4>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/DebianStretch-7.10.3>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL6-7.10.3>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL7-7.10.3>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/DebianStretch-7.10.2>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL6-7.10.2>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL7-7.10.2>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/DebianStretch-7.10.1>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL7-7.10.1>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/DebianJessie-7.8.4>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL6-7.8.4>
<https://software.open-xchange.com/components/omf-source/preview/2.1.0/RHEL7-7.8.4>
https://software.open-xchange.com/components/omf-source/preview/2.1.0/SLE_12-7.8.4

1.4 Build Dependencies

This delivery was build with following dependencies:

frontend-7.8.4-rev65, backend-7.10.4-rev24, backend-7.10.3-rev34,
backend-7.10.2-rev29, backend-7.10.1-rev32

1.5 Notice



Info

Some configurations can be changed without restarting the service, please call following command for getting a list of supported settings.

```
/opt/open-xchange/sbin/listreloadables
```

Please use following command to enable capable and changed configurations on a running system.

```
/opt/open-xchange/sbin/reloadconfiguration
```

2 Shipped Packages and Version

2.1 Package open-xchange-omf-source

OMF Source Bundles Source component of the OX Migration Framework.

Version: 2.1.0-3

Type: OX Middleware Plugin

Depends on:

```
open-xchange-admin (<<7.10.5)
open-xchange-admin (>=7.8.4)
open-xchange-core (<<7.10.5)
open-xchange-core (>=7.8.4)
open-xchange-mailfilter (<<7.10.5)
open-xchange-mailfilter (>=7.8.4)
open-xchange-rest (<<7.10.5)
open-xchange-rest (>=7.8.4)
```

2.1.1 Installation

Install on OX middleware nodes with package installer **apt-get**, **zypper** or **yum**:

```
<package installer> install open-xchange-omf-source
```

2.1.2 Configuration

For details, please see appendix [A](#)

/opt/open-xchange/etc/omf-source.properties (page [6](#))

A Configuration Files

File 1 /opt/open-xchange/etc/omf-source.properties

```
1  #
2  # The login of the user allowed to access the webservises
3  # Parameter is mandatory
4  #
5  com.openexchange.omf.source.webserviceLogin=
6
7  #
8  # The password of the user allowed to access the webservises
9  # Parameter is mandatory
10 #
11 com.openexchange.omf.source.webservicePassword=
12
13 # ldap connection pool setting, see
14 # https://docs.ldap.com/ldap-sdk/docs/getting-started/connection-pools.html
```

```

15 # all other ldap parameters are read from /opt/open-xchange/etc/cloudplugins.properties
16 # com.openexchange.cloudplugins.read.*
17 com.openexchange.omf.source.ldappool.initialConnections=10
18
19 # ldap connection pool setting, see
20 # https://docs.ldap.com/ldap-sdk/docs/getting-started/connection-pools.html
21 # all other ldap parameters are read from /opt/open-xchange/etc/cloudplugins.properties
22 # com.openexchange.cloudplugins.read.*
23 com.openexchange.omf.source.ldappool.maxConnections=20
24
25 # Location of the JKS trust store file that contains the certificates of the target HTTPS
26 # endpoint.
27 # Note that this configuration setting is only applied when the URL the
28 # target AppSuite endpoints are using the HTTPS protocol.
29 #
30 # The default value is empty, which causes the use of the CA certificates that are bundled
31 # with the Java Runtime Environment.
32 #
33 # Example:
34 # com.openexchange.omf.source.ssl.truststore.file=/opt/open-xchange/omf/source-keystore.
35 # jks
36 #
37 # Example for using the bundled CA certificates:
38 # com.openexchange.omf.source.ssl.truststore.file=
39 # com.openexchange.omf.source.ssl.truststore.file=
40
41 # The password to use to open the JKS trust store file.
42 # Only relevant when the configuration parameter above has been set.
43 # Leave empty if no password is necessary (which is the common practice and, hence, the
44 # default).
45 #
46 # Example:
47 # com.openexchange.omf.source.ssl.truststore.password=
48 # com.openexchange.omf.source.ssl.truststore.password=secret
49 com.openexchange.omf.source.ssl.truststore.password=
50
51 # Should the dual provisioning be enabled?
52 # Dual provisioning ensures send mail related provisioning requests to the migration
53 # target
54 # Default: false
55 com.openexchange.omf.source.dualprovision.enabled=false
56
57 # Migration target URL
58 # Parameter is mandatory
59 # Example: https://provisioning.example.com
60 com.openexchange.omf.source.dualprovision.targetUrl=
61
62 # Migration source name
63 # Parameter is mandatory
64 # An alias for this this system used as migration source. The name must be known to the
65 # target.
66 # Example: foo.customer.site
67 com.openexchange.omf.source.dualprovision.sourceName=
68
69 # Brand usernames and passwords to use to authenticate when provisioning users
70 # using the Dual-Provisioning feature.
71 #
72 # Format:
73 # com.openexchange.omf.source.dualprovision.targetBrandPassword.<brandName>=<password>
74 #
75 # Example:
76 # com.openexchange.omf.source.dualprovision.targetBrandPassword.acme=secret
77 # com.openexchange.omf.source.dualprovision.targetBrandPassword.name.of.the.brand=
78 # super_secret
79
80 # Note that when the com.openexchange.omf.source.metadata.brandProvider property is
81 # set to 'single', then there should only be a single such entry, as exemplified below:
82 # com.openexchange.omf.source.metadata.brandProvider=single
83 # com.openexchange.omf.source.dualprovision.targetBrandPassword.acme=secret
84 # With that configuration above, new contexts will be provisioned into the target
85 # brand "acme", using "acme:secret" as the basic authentication credentials to do so.
86 #

```

```

81 # This setting is mandatory and has no default value.
82
83 # com.openexchange.omf.source.dualprovision.targetBrandPassword.<brandName>=<password>
84
85 # Login resolver strategy: how should logins be determined when exporting metadata.
86 #
87 # Two strategies are available:
88 # * cloudplugins: mailLogin = {userId}@{contextId}
89 # * loginsource: mailLogin = depends on the value of the config cascade aware
    configuration
90 #     property com.openexchange.mail.loginSource
91 #
92 # The parameter is optional and defaults to loginsource.
93 #
94 # Examples:
95 # com.openexchange.omf.source.loginResolver=cloudplugins
96 # com.openexchange.omf.source.loginResolver=loginsource
97 #
98 com.openexchange.omf.source.metadata.loginResolver=loginsource
99
100 # The method to use to determine the brand to use when creating contexts
101 # on the Target tier, which is used in two mechanisms:
102 # - in the Source metadata, which is used for the pre-provisioning operations,
103 # - in the Dual-Provisioning feature.
104 #
105 # For Source metadata and pre-provisioning operations, this setting determines the
106 # name of the plugin to use to push the brand to use for provisioning contexts and
107 # users on the target side by including it in the metadata.
108 # Not populated if left empty.
109 #
110 # For Dual Provisioning, that brand both determines the authentication credentials
111 # to use (specifically the basic authentication username) as well as in which target
112 # brand the context ought to be created.
113 # The matching password is configured using the property
114 # com.openexchange.omf.source.dualprovision.targetBrandPassword.<brandName>=<password>
115 #
116 # Built-in providers:
117 # - configCascade: looks up a configurable property via config cascade, optionally maps it
    and
118 #     injects that as the brand
119 # - single: uses the brand credentials configuration properties to determine the brand,
    requiring
120 #     that one and only one set of credentials is configured that way
121 #
122 # Example:
123 # com.openexchange.omf.source.metadata.brandProvider=configCascade
124 # com.openexchange.omf.source.metadata.brandProvider=single
125 #
126 # This configuration setting is optional and defaults to "single".
127 com.openexchange.omf.source.metadata.brandProvider=
128
129 # When using the configCascade brand provider, configures the name
130 # of the property that contains the brand information.
131 #
132 # Is mandatory when using the configCascade brand provider and has
133 # no default value.
134 #
135 # Example:
136 # com.openexchange.omf.source.metadata.brandProvider.configCascade.propertyName=io.ox/core
    //theme
137 #
138 com.openexchange.omf.source.metadata.brandProvider.configCascade.propertyName=
139
140 # When using the configCascade brand provider, optionally maps
141 # the values from the property defined above to another value that is
142 # then exported as the brand information.
143 #
144 # Syntax:
145 # com.openexchange.omf.source.metadata.brandProvider.configCascade.map.<from>=<to>
146 #
147 # Example:
148 # com.openexchange.omf.source.metadata.brandProvider.configCascade.map.pink_theme=brand1

```

```
149 #
150 # com.openexchange.omf.source.metadata.brandProvider.configCascade.map.<from>=
151
152 # The master authentication password to use when using the default mailfilter provider.
153 # If the core mail filter properties are already configured to use master password,
154 # then this property will not be used.
155 com.openexchange.omf.source.mailfilter.masterPassword=
156
157 # For platforms that do not use the App Suite mail filters, the mailfilter
158 # capability should be disabled so that the mailfilter components can be
159 # used by OMF, but not used by users.
160 #
161 # Set it to true to disable the capability.
162 #
163 # Platforms that do use the normal App Suite mailfilters should keep this false.
164 #
165 # This property is not reloadable and requires a restart to apply a change
166 com.openexchange.omf.source.mailfilter.disable.capability=false
```