



OX2OX Migration Framework Target Technical Documentation **for** **2.1.0**

2021-06-28

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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 Target 2.1.0 Preview Delivery 4

1.3 Install Package Repository

This delivery is part of a restricted preview software repository:

<https://software.open-xchange.com/components/omf-target/preview/2.1.0/DebianBuster-7.10.4>
<https://software.open-xchange.com/components/omf-target/preview/2.1.0/DebianBuster-7.10.5>
<https://software.open-xchange.com/components/omf-target/preview/2.1.0/DebianStretch-7.10.4>
<https://software.open-xchange.com/components/omf-target/preview/2.1.0/DebianStretch-7.10.5>
<https://software.open-xchange.com/components/omf-target/preview/2.1.0/RHEL7-7.10.4>
<https://software.open-xchange.com/components/omf-target/preview/2.1.0/RHEL7-7.10.5>

1.4 Build Dependencies

This delivery was build with following dependencies:

backend-7.10.5-rev15,plugins-1.6.4-rev6,cloud-plugins-1.11.5-rev1,
guard-2.10.5-rev8,backend-7.10.4-rev25,guard-2.10.4-rev6

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-target

OMF Migration Target Features OX2OX Migration Framework components for the migration target system.

Version: 2.1.0-4

Type: OX Middleware Plugin

Depends on:

```
open-xchange-admin (<<7.10.6)
open-xchange-admin (>=7.10.4)
open-xchange-cloudplugins (<<1.12.0)
open-xchange-cloudplugins (>=1.11.3)
open-xchange-core (<<7.10.6)
open-xchange-core (>=7.10.4)
open-xchange-grizzly (<<7.10.6)
open-xchange-grizzly (>=7.10.4)
open-xchange-mailfilter (<<7.10.6)
open-xchange-mailfilter (>=7.10.4)
open-xchange-rest (<<7.10.6)
open-xchange-rest (>=7.10.4)
open-xchange-sql-client (<<1.7.0)
open-xchange-sql-client (>=1.6.0)
```

2.1.1 Installation

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

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

2.1.2 Configuration

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

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

/opt/open-xchange/etc/sql-client.d/omf-client-pools.yaml (page [8](#))

2.2 Package open-xchange-omf-target-guard

OMF Migration Target for Guard

Version: 2.1.0-4

Type: OX Middleware Plugin

Depends on:

```
open-xchange-guard (>=2.10.4)
open-xchange-omf-target (>=2.1.0)
```

2.2.1 Installation

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

```
<package installer> install open-xchange-omf-target-guard
```

2.3 Package open-xchange-omf-worker

OMF Migration Worker Features OX2OX Migration Framework components for Worker nodes.

Version: 2.1.0-4

Type: OX Middleware Plugin

Depends on:

```
open-xchange-admin (<<7.10.6)
open-xchange-admin (>=7.10.4)
open-xchange-admin-reseller (<<7.10.6)
open-xchange-admin-reseller (>=7.10.4)
open-xchange-cloudplugins (<<1.12.0)
open-xchange-cloudplugins (>=1.11.3)
open-xchange-core (<<7.10.6)
open-xchange-core (>=7.10.4)
open-xchange-sql-client (<<1.7.0)
open-xchange-sql-client (>=1.6.0)
```

2.3.1 Installation

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

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

2.3.2 Configuration

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

/opt/open-xchange/etc/omf-target.properties (page [10](#))

/opt/open-xchange/etc/omf-worker.properties (page [20](#))

/opt/open-xchange/etc/omf-feature-mapping.yml (page [22](#))

/opt/open-xchange/etc/sql-client.d/omf-client-pools.yml (page [23](#))

A Configuration Files

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

```
1  ###
2  ### Target Configuration
3  ###
4
5  # Set the OMF target name of this App Suite instance/cluster.
6  # The value should be defined per brand, where the brand will be matched
7  # against the brand a context will be created in by the dual-provisioning.
8  #
9  # An example for the fictitious brand 'acme':
10 #
11 # com.openexchange.omf.target.provision.target.acme=ox_acme
12 #
13 # where 'ox_acme' must match the corresponding 'name' attribute of a Target
14 # which is configured into the Scheduler using the Orchestrator's
15 # 'omf target create' command.
16 #
17 # One may also define a fallback target name that will be used if no explicit
18 # target name property matches:
19 # com.openexchange.omf.target.provision.target._=ox_brand1
20 #
21 # Note that an empty value or one that one contains whitespaces is treated
22 # as undefined.
23 #
24 # There is no default value, but if no value is defined per-brand or as a
25 # fallback by configuration, the migration database for the respective source
26 # will be queried, first looking to match the brand name against rows in the
```

```
27 # 'target' table, and as a last resort, the only 'target' row entry if there is
28 # only one.
29 #
30 # If none of those mechanisms match, the provisioning call will fail.
31 #
32 com.openexchange.omf.target.provision.target._=
33
34 ###
35 ### REST API Credentials
36 ###
37
38 # The login of the user allowed to access the webservices
39 # Parameter is mandatory
40 com.openexchange.omf.target.basic.username=
41
42 # The password of the user allowed to access the webservices
43 # Parameter is mandatory
44 com.openexchange.omf.target.basic.password=
45
46 ###
47 ### HTTPS Client Settings
48 ###
49
50 # Location of the JKS trust store file that contains the certificates of the source and
51 # the target HTTPS endpoints.
52 # Note that this configuration setting is only applied when the URL to the source and/or
53 # the
54 # target App Suite endpoints are using the HTTPS protocol.
55 #
56 # The default value is empty, which causes the use of the CA certificates that are bundled
57 # with the Java Runtime Environment.
58 #
59 # Example:
60 # com.openexchange.omf.ssl.truststore.file=/opt/open-xchange/omf/worker-keystore.jks
61 #
62 # Example for using the bundled CA certificates:
63 # com.openexchange.omf.ssl.truststore.file=
64 # com.openexchange.omf.ssl.truststore.file=
65
66 # The password to use to open the JKS trust store file.
67 # Only relevant when the configuration parameter above has been set.
68 # Leave empty if no password is necessary (which is the common practice and, hence, the
69 # default).
70 #
71 # Example with no password being needed to access the trust store file:
72 # com.openexchange.omf.ssl.truststore.password=
73 # Another example where a password is needed to access the trust store file:
74 # com.openexchange.omf.ssl.truststore.password=secret
75 # com.openexchange.omf.ssl.truststore.password=
76
77 # The connect timeout for all outbound HTTP/REST requests.
78 #
79 # Example:
80 # com.openexchange.omf.http.connect.timeout=2m
81 #
82 # Defaults to 1m.
83 com.openexchange.omf.http.connect.timeout=1m
84
85 # The read timeout for all outbound HTTP/REST requests.
86 #
87 # Example:
88 # com.openexchange.omf.http.read.timeout=10m
89 #
90 # Defaults to 5m.
91 com.openexchange.omf.http.read.timeout=5m
92
93 # The write timeout for all outbound HTTP/REST requests.
94 #
95 # Example:
96 # com.openexchange.omf.http.write.timeout=10m
97 #
98 # Defaults to 5m.
```

```

97 com.openexchange.omf.http.write.timeout=5m
98
99 # The read timeout for slow outbound HTTP/REST requests.
100 #
101 # Example:
102 # com.openexchange.omf.http.slow.read.timeout=20m
103 #
104 # Defaults to 30m.
105 com.openexchange.omf.http.slow.read.timeout=30m
106
107 # The write timeout for slow outbound HTTP/REST requests.
108 #
109 # Example:
110 # com.openexchange.omf.http.slow.write.timeout=12m
111 #
112 # Defaults to 30m.
113 com.openexchange.omf.http.slow.write.timeout=30m
114
115 ###
116 ### Migration Database
117 ###
118
119 # The OMF target migration db url
120 # Should be in the format jdbc:mysql://mysql.example.com/migration
121 # Default: <empty>
122 com.openexchange.omf.target.sql.migration.url=
123
124 # The OMF target migration db user
125 # Default: <empty>
126 com.openexchange.omf.target.sql.migration.user=
127
128 # The OMF target migration db password
129 # Default: <empty>
130 com.openexchange.omf.target.sql.migration.password=
131
132 ###
133 ### File Migration Settings
134 ###
135
136 # Global Number of requests going to the source system
137 com.openexchange.omf.target.files.migration.concurrency.global.limit=25
138
139 # Number of requests going to the source system that are initiated by a single inbound
    request
140 com.openexchange.omf.target.files.migration.concurrency.single.limit=5
141
142 ###
143 ### Provisioning Configuration
144 ###
145 #
146 # Configuration required for the premigration mappings
147 #
148 #com.openexchange.omf.target.premigration.[reseller].password=
149
150 ###
151 ### Mail Filter Migration Settings
152 ###
153
154 # Skip adding mail filters that have more redirects than the max redirects
155 # configured on the sieve server. If true, then all other filters will be added
156 # and the failed rules will be passed back to the client. If false, then an
157 # exception will be thrown to the web service.
158 com.openexchange.omf.target.mailfilter.skip.redirect.failures=true

```

File 2 /opt/open-xchange/etc/sql-client.d/omf-client-pools.yaml

```

1 # The top-level key is the identifier of the pool, which can be
2 # any string of text and is being used by the bundles and applications

```



```

3  # to access that pool configuration.
4  # Typically, those are fixed or need to be configured in the bundles
5  # that use this library.
6  #
7  # When Java Security Manager support is enabled, files that are referenced
8  # in these configuration files must be in a directory that is already
9  # whitelisted, or in a subdirectory thereof, such as
10 # /opt/open-xchange/etc/
11 #
12 # A good candidate would be something along the lines of
13 # /opt/open-xchange/etc/sql-files/
14 #
15 # Otherwise, the filename or its directory must be put into a new .list
16 # file in the folder
17 # /opt/open-xchange/etc/security/
18 # with e.g. the following content:
19 #
20 # file:/etc/trust.jks
21 #
22 # For a complete list of property values, read https://github.com/brettwooldridge/HikariCP
23 omf-migration:
24 # This property directs HikariCP to use "DriverManager-based" configuration.
25 # We feel that DataSource-based configuration (above) is superior for a variety of
    reasons (see below), but for many deployments there is little significant difference
    .
26 # When using this property with "old" drivers, you may also need to set the
    driverClassName property, but try it first without.
27 # Note that if this property is used, you may still use DataSource properties to
    configure your driver and is in fact recommended over driver parameters specified in
    the URL itself.
28 # Default: none
29 jdbcUrl: ${com.openexchange.omf.target.sql.migration.url}
30 # This property sets the default authentication username used when obtaining Connections
    from the underlying driver.
31 # Note that for DataSources this works in a very deterministic fashion by calling
    DataSource.getConnection(*username*, password) on the underlying DataSource.
32 # However, for Driver-based configurations, every driver is different.
33 # In the case of Driver-based, HikariCP will use this username property to set a user
    property in the Properties passed to the driver's DriverManager.getConnection(
    jdbcUrl, props) call.
34 # If this is not what you need, skip this method entirely and call addDataSourceProperty
    ("username", ...), for example.
35 # Default: none
36 username: ${com.openexchange.omf.target.sql.migration.user}
37 # sets the password of the connection
38 password: ${com.openexchange.omf.target.sql.migration.password}
39 # This property controls the minimum number of idle connections that HikariCP tries to
    maintain in the pool.
40 # If the idle connections dip below this value and total connections in the pool are
    less than maximumPoolSize, HikariCP will make a best effort to add additional
    connections quickly and efficiently.
41 # However, for maximum performance and responsiveness to spike demands, we recommend not
    setting this value and instead allowing HikariCP to act as a fixed size connection
    pool.
42 # Default: same as maximumPoolSize
43 minimumIdle: 0
44 # This property controls the maximum size that the pool is allowed to reach, including
    both idle and in-use connections.
45 # Basically this value will determine the maximum number of actual connections to the
    database backend. A reasonable value for this is best determined by your execution
    environment.
46 # When the pool reaches this size, and no idle connections are available, calls to
    getConnection() will block for up to connectionTimeout milliseconds before timing
    out.
47 # Default: 10
48 maximumPoolSize: 10
49 # This property controls the maximum number of milliseconds that a client
    # (that's you) will wait for a connection from the pool. If this time is exceeded
    # without a connection becoming available, a SQLException will be thrown. Lowest
    # acceptable connection timeout is 250 ms. Default: 30000 (30 seconds)
50 connectionTimeout: 15000
51 # the dataSourceProperties configures the driver configured above using the jdbcUrl

```

```

55 # (some) networking related parameters don't seem to work using mysql (what we are using
56   ), see
57 # https://github.com/brettwooldridge/HikariCP#popular-datasource-class-names
58 dataSourceProperties:
59   useUnicode: true
60   characterEncoding: UTF-8
61   useTimezone: true
62   serverTimezone: UTC
63   useSSL: false
64   requireSSL: false
65   verifyServerCertificate: false
66   enabledTLSProtocols: TLSv1,TLSv1.1,TLSv1.2

```

File 3 /opt/open-xchange/etc/omf-target.properties

```

1  ###
2  ### Target Configuration
3  ###
4
5  # Set the OMF target name of this App Suite instance/cluster.
6  # The value should be defined per brand, where the brand will be matched
7  # against the brand a context will be created in by the dual-provisioning.
8  #
9  # An example for the fictitious brand 'acme':
10 #
11 # com.openexchange.omf.target.provision.target.acme=ox_acme
12 #
13 # where 'ox_acme' must match the corresponding 'name' attribute of a Target
14 # which is configured into the Scheduler using the Orchestrator's
15 # 'omf target create' command.
16 #
17 # One may also define a fallback target name that will be used if no explicit
18 # target name property matches:
19 # com.openexchange.omf.target.provision.target._=ox_brand1
20 #
21 # Note that an empty value or one that one contains whitespaces is treated
22 # as undefined.
23 #
24 # There is no default value, but if no value is defined per-brand or as a
25 # fallback by configuration, the migration database for the respective source
26 # will be queried, first looking to match the brand name against rows in the
27 # 'target' table, and as a last resort, the only 'target' row entry if there is
28 # only one.
29 #
30 # If none of those mechanisms match, the provisioning call will fail.
31 #
32 com.openexchange.omf.target.provision.target._=
33
34 ###
35 ### REST API Credentials
36 ###
37
38 # The login of the user allowed to access the webservice
39 # Parameter is mandatory
40 com.openexchange.omf.target.basic.username=
41
42 # The password of the user allowed to access the webservice
43 # Parameter is mandatory
44 com.openexchange.omf.target.basic.password=
45
46 ###
47 ### HTTPS Client Settings
48 ###
49
50 # Location of the JKS trust store file that contains the certificates of the source and
51 # the target HTTPS endpoints.
52 # Note that this configuration setting is only applied when the URL to the source and/or
   the

```

```

53 # target App Suite endpoints are using the HTTPS protocol.
54 #
55 # The default value is empty, which causes the use of the CA certificates that are bundled
56 # with the Java Runtime Environment.
57 #
58 # Example:
59 # com.openexchange.omf.ssl.truststore.file=/opt/open-xchange/omf/worker-keystore.jks
60 #
61 # Example for using the bundled CA certificates:
62 # com.openexchange.omf.ssl.truststore.file=
63 com.openexchange.omf.ssl.truststore.file=
64 #
65 # The password to use to open the JKS trust store file.
66 # Only relevant when the configuration parameter above has been set.
67 # Leave empty if no password is necessary (which is the common practice and, hence, the
  default).
68 #
69 # Example with no password being needed to access the trust store file:
70 # com.openexchange.omf.ssl.truststore.password=
71 # Another example where a password is needed to access the trust store file:
72 # com.openexchange.omf.ssl.truststore.password=secret
73 com.openexchange.omf.ssl.truststore.password=
74 #
75 # The connect timeout for all outbound HTTP/REST requests.
76 #
77 # Example:
78 # com.openexchange.omf.http.connect.timeout=2m
79 #
80 # Defaults to 1m.
81 com.openexchange.omf.http.connect.timeout=1m
82 #
83 # The read timeout for all outbound HTTP/REST requests.
84 #
85 # Example:
86 # com.openexchange.omf.http.read.timeout=10m
87 #
88 # Defaults to 5m.
89 com.openexchange.omf.http.read.timeout=5m
90 #
91 # The write timeout for all outbound HTTP/REST requests.
92 #
93 # Example:
94 # com.openexchange.omf.http.write.timeout=10m
95 #
96 # Defaults to 5m.
97 com.openexchange.omf.http.write.timeout=5m
98 #
99 # The read timeout for slow outbound HTTP/REST requests.
100 #
101 # Example:
102 # com.openexchange.omf.http.slow.read.timeout=20m
103 #
104 # Defaults to 30m.
105 com.openexchange.omf.http.slow.read.timeout=30m
106 #
107 # The write timeout for slow outbound HTTP/REST requests.
108 #
109 # Example:
110 # com.openexchange.omf.http.slow.write.timeout=12m
111 #
112 # Defaults to 30m.
113 com.openexchange.omf.http.slow.write.timeout=30m
114 #
115 ###
116 ### Migration Database
117 ###
118 #
119 # The OMF target migration db url
120 # Should be in the format jdbc:mysql://mysql.example.com/migration
121 # Default: <empty>
122 com.openexchange.omf.target.sql.migration.url=
123

```

```

124 # The OMF target migration db user
125 # Default: <empty>
126 com.openexchange.omf.target.sql.migration.user=
127
128 # The OMF target migration db password
129 # Default: <empty>
130 com.openexchange.omf.target.sql.migration.password=
131
132 ###
133 ### File Migration Settings
134 ###
135
136 # Global Number of requests going to the source system
137 com.openexchange.omf.target.files.migration.concurrency.global.limit=25
138
139 # Number of requests going to the source system that are initiated by a single inbound
    request
140 com.openexchange.omf.target.files.migration.concurrency.single.limit=5
141
142 ###
143 ### Provisioning Configuration
144 ###
145 #
146 # Configuration required for the premigration mappings
147 #
148 #com.openexchange.omf.target.premigration.[reseller].password=
149
150 ###
151 ### Mail Filter Migration Settings
152 ###
153
154 # Skip adding mail filters that have more redirects than the max redirects
155 # configured on the sieve server. If true, then all other filters will be added
156 # and the failed rules will be passed back to the client. If false, then an
157 # exception will be thrown to the web service.
158 com.openexchange.omf.target.mailfilter.skip.redirect.failures=true

```

File 4 /opt/open-xchange/etc/omf-worker.properties

```

1 # The OMF Worker configuration mode.
2 #
3 # Options:
4 # 1. local - uses local configuration files. This is useful for single
5 # worker node OMF platforms.
6 # 2. distributed - uses the Zookeeper distributed configuration
7 # to distribute the same configuration among all workers in a group.
8 # This provider creates a single connection to the Zookeeper worker
9 # group config node and listens for updates.
10 #
11 # Default: "local"
12 #
13 com.openexchange.omf.worker.config.mode=
14
15 ###
16 ### ZooKeeper Configuration
17 ###
18
19 # The Zookeeper server address that the client will connect to
20 #
21 # This property is required
22 #
23 # Example: localhost:2181
24 #
25 com.openexchange.omf.worker.zookeeper.address=
26
27 # The Zookeeper worker group id. Identifies the group that this worker
28 # belongs to. All worker nodes servicing the same migration should
29 # use the same id. Worker group member nodes will be created here

```

```

30 # and the configuration for this group will be used for this worker.
31 #
32 # Default value: default
33 #
34 # Example: customer1
35 #
36 com.openexchange.omf.worker.zookeeper.group.id=
37
38 # The Worker's id. Identifies the worker within a group of workers.
39 # This should be unique within a worker group. This id will be used
40 # as the member id for the worker GroupMember management.
41 #
42 # Default value: the hostname
43 #
44 # Example: worker1
45 #
46 com.openexchange.omf.worker.zookeeper.member.id=
47
48 # The Zookeeper authentication user
49 #
50 # This property is optional
51 #
52 # Example: user
53 #
54 com.openexchange.omf.worker.zookeeper.auth.user=
55
56 # The Zookeeper authentication password
57 #
58 # This property is optional
59 #
60 # Example: password
61 #
62 com.openexchange.omf.worker.zookeeper.auth.password=
63
64 ###
65 ### Sources
66 ###
67
68 # The source(s) that this worker services.
69 # This property tells the worker to collect migration batches for the
70 # specified source name(s) and determines the Kafka topics the worker
71 # listens on, each source name being prefixed with "omf-batch-" to translate
72 # into a topic name (e.g. a source named "source1" will cause the worker
73 # to listen on a Kafka topic "omf-batch-source1").
74 #
75 # This property is comma delimited and may contain whitespaces between
76 # entries.
77 # This property is required.
78 # It is applied dynamically upon configuration reloading.
79 # Acceptable values are one or more source names.
80 #
81 # Example: source1, source2
82 #
83 com.openexchange.omf.worker.sources=
84
85 ###
86 ### Migration Database
87 ###
88 #
89 # Note that the following properties (com.openexchange.omf.worker.sql.migration.*)
90 # merely act as placeholders that are used in omf-client-pools.yaml
91 # Further customization of the database connections to the migration databases may
92 # be customized there and if these properties are not used as placeholders,
93 # changing them here won't have any effect.
94 #
95
96 # The JDBC URI to use to connect to the OMF worker migration database.
97 # Should be in the format jdbc:mysql://omf-migration-db/
98 # This property is mandatory and has no default value.
99 com.openexchange.omf.worker.sql.migration.url=
100
101 # The username to use to connect to the OMF worker migration database.

```

```
102 # This property is mandatory and has no default value.
103 com.openexchange.omf.worker.sql.migration.user=
104
105 # The password to use to connect to the OMF worker migration database.
106 # This property is mandatory and has no default value.
107 com.openexchange.omf.worker.sql.migration.password=
108
109 ###
110 ### HTTPS Client Settings
111 ###
112
113 # Location of the JKS trust store file that contains the certificates of the source and
114 # the target HTTPS endpoints.
115 # Note that this configuration setting is only applied when the URL to the source and/or
116 # the
117 # target App Suite endpoints are using the HTTPS protocol.
118 #
119 # The default value is empty, which causes the use of the CA certificates that are bundled
120 # with the Java Runtime Environment.
121 #
122 # Example:
123 # com.openexchange.omf.ssl.truststore.file=/opt/open-xchange/omf/worker-keystore.jks
124 #
125 # Example for using the bundled CA certificates:
126 # com.openexchange.omf.ssl.truststore.file=
127 com.openexchange.omf.ssl.truststore.file=
128
129 # The password to use to open the JKS trust store file.
130 # Only relevant when the configuration parameter above has been set.
131 # Leave empty if no password is necessary (which is the common practice and, hence, the
132 # default).
133 #
134 # Example with no password being needed to access the trust store file:
135 # com.openexchange.omf.ssl.truststore.password=
136 # Another example where a password is needed to access the trust store file:
137 # com.openexchange.omf.ssl.truststore.password=secret
138 com.openexchange.omf.ssl.truststore.password=
139
140 # The connect timeout for all outbound HTTP/REST requests.
141 #
142 # Example:
143 # com.openexchange.omf.http.connect.timeout=2m
144 #
145 # Defaults to 1m.
146 com.openexchange.omf.http.connect.timeout=1m
147
148 # The read timeout for all outbound HTTP/REST requests.
149 #
150 # Example:
151 # com.openexchange.omf.http.read.timeout=10m
152 #
153 # Defaults to 5m.
154 com.openexchange.omf.http.read.timeout=5m
155
156 # The write timeout for all outbound HTTP/REST requests.
157 #
158 # Example:
159 # com.openexchange.omf.http.write.timeout=10m
160 #
161 # Defaults to 5m.
162 com.openexchange.omf.http.write.timeout=5m
163
164 # The read timeout for slow outbound HTTP/REST requests.
165 #
166 # Example:
167 # com.openexchange.omf.http.slow.read.timeout=20m
168 #
169 # Defaults to 30m.
170 com.openexchange.omf.http.slow.read.timeout=30m
171
172 # The write timeout for slow outbound HTTP/REST requests.
173 #
```

```

172 # Example:
173 # com.openexchange.omf.http.slow.write.timeout=12m
174 #
175 # Defaults to 30m.
176 com.openexchange.omf.http.slow.write.timeout=30m
177
178 ###
179 ### User Quota Settings
180 ###
181
182 # The mode for user quota.
183 # Allowed values are user, context, keep
184 # If user is selected, user quota will be set during premigration of users
185 # If context quota is selected, no user quota will be set and existing user quota will be
    stripped
186 # If keep is selected, the user quota will not be touched and the existing value will be
    used on the target
187 # Default: user
188 com.openexchange.omf.worker.premigration.user.quota.mode=user
189
190 # Setting to control the behaviour when user.quota.mode is set to user.
191 # If set to true, will keep the existing value of the user if present and above 0
192 # if set to false, will use the configured default user.quota.defaultQuota
193 # Default: false
194 com.openexchange.omf.worker.premigration.user.quota.keepIfPresent=false
195
196 # The default Quota for a user, if the user.quota.mode is set to user
197 # Default: 1000L
198 com.openexchange.omf.worker.premigration.user.quota.defaultQuota=1000
199
200 # What should be the value of the LDAP attribute oxDeliveryStatus for pre-provisioned
    users?
201 # Default: ORIGINAL
202 #
203 # This property can be overridden in the Source config with key "deliveryStatus"
204 #
205 com.openexchange.omf.worker.premigration.user.deliveryStatus=ORIGINAL
206
207 # That value can be overridden by target brand. Note that the Source config will
208 # override the target brand override for a Source.
209 # com.openexchange.omf.worker.premigration.user.deliveryStatus.[brandName]=...
210 # e.g.:
211 # com.openexchange.omf.worker.premigration.user.deliveryStatus.targetBrand1=ORIGINAL
212 # When no per-target-brand value is defined here, the value of
213 # com.openexchange.omf.worker.premigration.user.deliveryStatus
214 # will be used as the default/fallback.
215
216 ###
217 ### Kafka Configuration
218 ###
219 #
220 # OMF Workers are both Kafka Consumers and Producers:
221 # * the OMF Worker uses a Kafka Consumer to poll jobs from Kafka job
222 #   queues ("omf-batch-${sourceName}")
223 # * the OMF Worker uses a Kafka Producer to send job responses to the
224 #   job response queue ("omf-response")
225 #
226 # Use the official Apache Kafka configuration documentation
227 # for all required and optional properties as well as defaults:
228 # Producer: https://kafka.apache.org/documentation/#producerconfigs
229 # Consumer: https://kafka.apache.org/documentation/#consumerconfigs
230 #
231 # The following Producer properties are automatically set by the
232 # worker and cannot be used here:
233 # - key.serializer
234 # - value.serializer
235 # - acks
236 # - retries
237 # - client.id
238 # - enable.idempotence
239 #
240 # The following Consumer properties are automatically set by the

```

```

241 # worker and cannot be used here:
242 # - key.deserializer
243 # - value.deserializer
244 # - enable.auto.commit
245 # - max.poll.records
246 # - auto.commit.interval.ms
247 # - group.id
248 # - group.instance.id
249 # - client.id
250 #
251 # Properties of the OMF Producer are prefixed with "kafka.producer."
252 # Ex: "kafka.producer.bootstrap.servers"
253 #
254 # Properties of the OMF Consumer are prefixed with "kafka.consumer."
255 # Ex: "kafka.consumer.bootstrap.servers"
256 #
257 # Properties shared between the producer and consumer can either
258 # be set individually, or using the prefix "kafka.". However, if the
259 # property is set with the producer or consumer prefix, those will
260 # supersede the common property.
261 # Ex: "kafka.bootstrap.servers"
262 #
263
264 ###
265 ### Cloud-Plugins Settings
266 ###
267
268 # The mode for user quota.
269 # Allowed values are user, remove, keep
270 # If user is selected, user quota will be set during premigration of users to a
    configureable default
271 # If remove quota is selected, no user quota will be set and existing user quota will be
    stripped
272 # If keep is selected, the user quota will not be touched and the existing value will be
    used on the target if present
273 # Default: user
274 com.openexchange.omf.worker.cloudplugins.user.quota.mode=user
275
276 # Setting to control the behaviour when user.quota.mode is set to user.
277 # If set to true, will keep the existing value of the user if present and above 0
278 # if set to false, will use the configured default user.quota.defaultQuota
279 # Default: true
280 com.openexchange.omf.worker.cloudplugins.user.quota.keepIfPresent=true
281
282 # The default quota for a user, if the user.quota.mode is set to user
283 # Default: 1000
284 com.openexchange.omf.worker.cloudplugins.user.quota.defaultQuota=1000
285
286 # Whether to always set the oxDeliveryStatus attribute to HOLD prior to performing
287 # the cutoff (when set to "true"), or only doing so when the current value of the
288 # oxDeliveryStatus attribute is neither empty, OXAAS or BLOCKED (when set to "false").
289 # When this configuration setting is set to "false", and the oxDeliveryStatus
290 # attribute of at least one of the users of a context is set to OXAAS or empty,
291 # then that context will not be migrated.
292 # Use this to avoid overwriting already migrated contexts, as an additional verification
293 # to the context mapping table.
294 #
295 # Default: false
296 com.openexchange.omf.worker.cloudplugins.status.hold.override=false
297
298 # When the migration of a context fails during cutoff, its oxDeliveryStatus attribute
299 # is set back to its original value when
300 # com.openexchange.omf.worker.logic.keep.deliveryStatus
301 # is set to true.
302 #
303 # This attribute controls whether setting it back to OXAAS or empty should be allowed
304 # (when set to false), or whether its value should be overridden with another value
305 # (when set to true).
306 # When this configuration property is set to true, the value with which oxDeliveryStatus
307 # should be overridden in case of context cutoff migration failure when it's previous
308 # value was empty or OXAAS is defined in
309 # com.openexchange.omf.worker.cloudplugins.status.enforce.failed.migration.with

```



```

310 #
311 # Default: true
312 com.openexchange.omf.worker.cloudplugins.status.enforce.failed.migration=true
313
314 # The value with which to override the oxDeliveryStatus after a failed cutoff migration
315 # if its original value was empty or OXAAS and
316 # com.openexchange.omf.worker.cloudplugins.status.enforce.failed.migration
317 # is set to true.
318 #
319 # Default: ORIGINAL
320 com.openexchange.omf.worker.cloudplugins.status.enforce.failed.migration.with=ORIGINAL
321
322 ###
323 ### File Migration Settings
324 ###
325
326 # Whether to parallelize the various file/filestore related operations:
327 # - synchronizing (downloading and uploading) of files
328 # - updating of filestores quotas
329 # - updating of filestore references
330 # - updating of file references
331 #
332 # There are multiple options:
333 #
334 # 1. off: the file related operations are not parallelized and, instead,
335 #    executed sequentially (one context at a time);
336 #    example:
337 #    com.openexchange.omf.worker.files.parallel.threads=off
338 #
339 # 2. auto: the operations are parallelized, with as many threads in parallel
340 #    as there are CPU cores;
341 #    example:
342 #    com.openexchange.omf.worker.files.parallel.threads=auto
343 #
344 # 3. a number: the operations are parallelized, with as many threads in
345 #    parallel as specified with that number
346 #    example:
347 #    com.openexchange.omf.worker.files.parallel.threads=4
348 #
349 # Optional. Default: auto
350 com.openexchange.omf.worker.files.parallel.threads=auto
351
352 # Whether to check for missing files on source in the cutover phase
353 #
354 # When enabled, an error will be logged for missing files
355 #
356 # Note that the migration would be stopped anyway on a missing file on the
357 # source because the file could not be migrated as part of the normal preSync
358 # or cutover.
359 com.openexchange.omf.worker.files.check.source.missingFiles=false
360
361 # Whether to check for missing files on the target in the cutover phase
362 #
363 # When enabled, an error will be logged for missing files. The check
364 # will compare all fileRefs in the database with the configured fileStorage
365 # and if any of the fileRefs is missing, an exception is thrown.
366 com.openexchange.omf.worker.files.check.target.missingFiles=false
367
368 ###
369 ### Worker Behavior Configuration
370 ###
371
372 # Whether to update the oxDeliveryStatus attribute in oxCloudUser
373 # entities in the target LDAP (true) or not (false).
374 # Optional, defaults to true.
375 com.openexchange.omf.worker.logic.update.deliveryStatus=true
376
377 # When updating the oxDeliveryStatus is enabled (*), this flag configures
378 # whether, in case of the failure of the migration of a context, the
379 # oxDeliveryStatus attribute of all the users within that context should
380 # be set to:
381 # - true = their value prior to the migration (true),

```

```

382 # - false = the value 'ORIGINAL' (**)
383 #
384 # (*) see com.openexchange.omf.worker.logic.update.deliveryStatus above
385 # (**) or the value defined in com.openexchange.omf.worker.logic.failed.deliveryStatus
386 #
387 # Optional, defaults to false
388 com.openexchange.omf.worker.logic.keep.deliveryStatus=false
389 #
390 # When overwriting oxDeliveryStatus with a fixed value in case of a failed
391 # cutover of a context (*), this configuration setting indicates whether
392 # that oxDeliveryStatus value should be 'ORIGINAL' or another value.
393 #
394 # Note that if the value is different from ORIGINAL, OXAAS, HOLD
395 # or BLOCKED, it requires the use of a Cloud-Plugins version that supports
396 # arbitrary oxDeliveryStatus values -- see CP-259
397 #
398 # (*) com.openexchange.omf.worker.logic.keep.deliveryStatus=true
399 #
400 # Optional, defaults to ORIGINAL
401 com.openexchange.omf.worker.logic.failed.deliveryStatus=ORIGINAL
402 #
403 # Default maximum duration for a Batch, if it doesn't have a deadline
404 # attached to its Window.
405 # Set it to the value "none" to avoid applying a maximum duration (if there
406 # is no Window deadline), like so:
407 # com.openexchange.omf.worker.batch.default.max.duration=none
408 # Optional, defaults to 1h.
409 com.openexchange.omf.worker.batch.default.max.duration=1h
410 #
411 # Whether to unlock successfully migrated contexts on the source.
412 # Optional, defaults to false
413 com.openexchange.omf.worker.logic.unlock.successful.source=false
414 #
415 # Maximum amount of times we attempt to unlock the source contexts after
416 # a failed delta-sync Batch migration.
417 # Optional, defaults to 3
418 com.openexchange.omf.worker.logic.max.unlock.attempts=3
419 #
420 # Minimum amount of contexts that must survive a step in a batch
421 # disabled if set to 0
422 # Default: 1
423 com.openexchange.omf.worker.logic.keep.going.min=1
424 #
425 # Percentage of contexts that must succeed a step in a batch
426 # disabled if set to 0
427 # Must be between 0 and 100
428 # Default: 50
429 com.openexchange.omf.worker.logic.keep.going.percentage=50
430 #
431 # Used to determine how the context identifier should be found.
432 # Options:
433 # 1. <empty>: context identifier not used
434 # 2. contextName: uses the context name without the brand prefix
435 # This property can be overridden by the Source config with key contextIdentifier
436 com.openexchange.omf.worker.logic.context.identifier.mode=
437 #
438 ###
439 ### Mail Migration Properties
440 ###
441 # These contain several "source" based properties which
442 # are used by OMF to determine how to migrate a user based on
443 # the settings for the "source" that they belong to.
444 # The "source" is referred to as both the OMF "source" and the mail
445 # "source" which may be different. Some OMF source based properties
446 # are dependent on the DMF "brand". For instance, the mail source host
447 # default property value must be a source host that is configured in
448 # DMF for the "brand" that the source matches.
449 #
450 # The interval in ms that OMF will poll the DMF
451 # API to check the user migration status during
452 # presync
453 #

```

```
454 # This configuration property is optional.
455 #
456 # Default: 30000
457 #
458 # Example:
459 # com.openexchange.omf.worker.mail.presync.poll.interval.ms=30000
460 com.openexchange.omf.worker.mail.presync.poll.interval.ms=
461
462 # The interval in ms that OMF will poll the DMF
463 # API to check the user migration status during
464 # cutover
465 #
466 # This configuration property is optional.
467 #
468 # Default: 2000
469 #
470 # Example:
471 # com.openexchange.omf.worker.mail.cutover.poll.interval.ms=2000
472 com.openexchange.omf.worker.mail.cutover.poll.interval.ms=
473
474 # Set the default source mail host per OMF source
475 #
476 # Use property names that start with
477 # "com.openexchange.omf.worker.mail.source.host."
478 # followed by the OMF source name.
479 #
480 # A source mail host is not required for any OMF source,
481 # however, if there is not a default and a host
482 # is not provided with the Appsuite source metadata then the
483 # migration will fail
484 #
485 # Example:
486 # com.openexchange.omf.worker.mail.source.host.source1=imap.host.name
487 # com.openexchange.omf.worker.mail.source.host.source2=imap.host.name
488
489 # Set the default source mail host port per OMF source
490 #
491 # Use property names that start with
492 # "com.openexchange.omf.worker.mail.source.port."
493 # followed by the OMF source name.
494 #
495 # A source mail host port is not required for any OMF source,
496 # and is only used to forward to DMF. It is possible that DMF
497 # is configured to not make use of the source host port option
498 # which would make this property useless for that OMF source.
499 #
500 # Example:
501 # com.openexchange.omf.worker.mail.source.port.source1=143
502 # com.openexchange.omf.worker.mail.source.port.source2=993
503
504 # Set the default source mail password per OMF source
505 #
506 # Use property names that start with
507 # "com.openexchange.omf.worker.mail.source.password."
508 # followed by the OMF source name.
509 #
510 # A source mail password is not required for any OMF source,
511 # and is only used to forward to DMF. It is possible that DMF
512 # is configured to not make use of the source password option
513 # which would make this property useless for that OMF source.
514 #
515 # Example:
516 # com.openexchange.omf.worker.mail.source.password.source1=secret
517 # com.openexchange.omf.worker.mail.source.password.source2=secret2
518
519 # Set the default imapc ssl option per OMF source
520 #
521 # Use property names that start with
522 # "com.openexchange.omf.worker.mail.imapc.ssl."
523 # followed by the OMF source name.
524 #
525 # There are 3 options:
```

```

526 # 1. "no"
527 # 2. "imaps"
528 # 3. "starttls"
529 #
530 # An imapc ssl option is not required for any OMF source,
531 # and is only used to forward to DMF. It is possible that DMF
532 # is configured to not make use of the imapc ssl option
533 # which would make this property useless for that OMF source.
534 #
535 # Example:
536 # com.openexchange.omf.worker.mail.imapc.ssl.source1=no
537 # com.openexchange.omf.worker.mail.imapc.ssl.source2=imaps
538 #
539 ###
540 ### DMF Client Properties
541 ###
542 #
543 # OMF talks to DMF via an apikey that is linked to a DMF "brand".
544 # An OMF "source" is one-one with a DMF "brand". This means that
545 # the apikey set for an OMF source should match up with the desired
546 # DMF brand.
547 #
548 # The DMF HTTP API URL. This is the URL without the API version.
549 # So if the versioned API URL is: https://dmf.host/dmf/v1
550 # then the URL to provide is "https://dmf.host/dmf"
551 #
552 # This configuration property is required.
553 #
554 com.openexchange.omf.worker.mail.dmf.url=
555 #
556 # Set the API key per source
557 #
558 # Use property names that start with
559 # "com.openexchange.omf.worker.mail.dmf.apikey."
560 # followed by the source name.
561 #
562 # An API key is required for any source that will be
563 # serviced by this OMF instance.
564 #
565 # Example:
566 # com.openexchange.omf.worker.mail.dmf.apikey.source1=XYZ
567 # com.openexchange.omf.worker.mail.dmf.apikey.source2=ABC
568 #
569 #
570 # When the target brand is configured as being dynamic ('*'), then the
571 # target brand must be provided by the source metadata.
572 # The following configuration properties can be used to map the brand
573 # names in the source metadata to different values before being used as
574 # the target brand name for preprovisioning.
575 #
576 # Syntax:
577 # com.openexchange.omf.worker.premigration.brand.map.<from>=<to>
578 #
579 # Example:
580 # com.openexchange.omf.worker.premigration.brand.map.brand1=reseller
581 #
582 # These properties are optional and the default behavior is to use the
583 # brand name in the source metadata as-is.
584 # com.openexchange.omf.worker.premigration.brand.map.<from>=<to>
585 #
586 # A default target brand to use when the target brand is configured as being
587 # dynamic ('*') and no target brand is specified in the source metadata.
588 #
589 # The property is optional and when not defined or blank, the brand must
590 # be part of the source metadata or the preprovisioning will fail.
591 #
592 com.openexchange.omf.worker.premigration.brand.default=
593 #
594 # Whether to parallelize the various premigration related operations:
595 # - creation of context
596 # - verification of contexts on the target
597 #

```

```
598 # There are multiple options:
599 #
600 # 1. off: the file related operations are not parellelized and, instead,
601 #    executed sequentially (one context at a time);
602 #    example:
603 #    com.openexchange.omf.worker.premigration.parallel.threads=off
604 #
605 # 2. auto: the operations are parallelized, with as many threads in parallel
606 #    as there are CPU cores;
607 #    example:
608 #    com.openexchange.omf.worker.premigration.threads=auto
609 #
610 # 3. a number: the operations are parallelized, with as many thrads in
611 #    parallel as specified with that number
612 #    example:
613 #    com.openexchange.omf.worker.premigration.threads=4
614 #
615 # Optional. Default: auto
616 com.openexchange.omf.worker.premigration.parallel.threads=auto
617
618 # Enable the OMF Mail Filter Migration Contributor.
619 # This should not be enabled if mail filters will not be migrated
620 # by OMF (ex: migration by doveadm)
621 #
622 # Default: false
623 #
624 # This property can be overridden by the Source config with key mailfilterEnabled
625 com.openexchange.omf.worker.mailfilter.enabled=false
626
627 # When using the OMF Mail Filter Migration Contributor, set this to true
628 # if you want OMF to always overwrite the mail filters on Target for
629 # a user, even when they have no filters.
630 #
631 # Default: true
632 #
633 # This property can be overridden by the Source config with key mailfilterWriteEmpty
634 com.openexchange.omf.worker.mailfilter.writeEmpty=true
635
636 # Migrate Guard master keys and update mKeyIndex on target accordingly
637 #
638 # Default: false
639 #
640 # This property can be overridden by the Source config.
641 com.openexchange.omf.worker.guard.enabled=false
642
643 # Set the black/white list size limit
644 # This is the limit for each list
645 # This can be overridden with the Source config key blackWhiteLimit.
646 com.openexchange.omf.worker.cloudplugins.blackwhite.limit=250
647
648 # Skip adding black/white list entries that go beyond the configured limit.
649 # The skipped entries will be added as a MigrationEvent.
650 # If set to false, then the migration will fail if the limit is hit.
651 # This can be overridden with the Source config key blackWhiteLimitSkip.
652 com.openexchange.omf.worker.cloudplugins.blackwhite.limit.skip=true
653
654 # Configure the Migration Status Contributor identifier
655 #
656 # Options:
657 # * <empty>: Migration Status Contributor not used
658 # * http: Uses the default HTTP Migration Status Contributor
659 #
660 # Default: <empty>
661 #
662 # This property can be overridden with the Source config with key statusContributor.
663 com.openexchange.omf.worker.migration.status.contributor=
664
665 # Configure the HTTP Migration Status Contributor URL. This is only used if
666 # com.openexchange.omf.worker.migration.status.contributor=http (or equivalent Source
667 # config)
668 #
669 # Default: <empty>
```

```

669 #
670 # This property can be overridden with the Source config with key statusURL.
671 # com.openexchange.omf.worker.migration.status.url=
672
673 # Configure the HTTP Migration Status Contributor HTTP API Key Header. This is only used
674 # if
675 # com.openexchange.omf.worker.migration.status.contributor=http (or equivalent Source
676 # config)
677 #
678 # Default: X-API-KEY
679 #
680 # This property can be overridden with the Source config with key apiKeyHeader.
681 # com.openexchange.omf.worker.migration.status.apikey.header=
682
683 # Configure the HTTP Migration Status Contributor HTTP API Key Token. This is only used if
684 # com.openexchange.omf.worker.migration.status.contributor=http (or equivalent Source
685 # config)
686 #
687 # Default: <empty>
688 #
689 # This property can be overridden with the Source config with key apiKeyToken.
690 # com.openexchange.omf.worker.migration.status.apikey.token=

```

File 5 /opt/open-xchange/etc/omf-feature-mapping.yml

```

1  # Permission and Configuration Cascade migration rules.
2  #
3  # defaultMappings are mandatory but may be empty.
4  # Optionally, per-target mappings or per-targetBrandName can be defined.
5  # Those inherit from the default mappings.
6  #
7  version: 2
8  defaultMappings:
9    # default rules apply to all targets and brands
10   permissionMappings:
11     # applied to each user:
12     # * permissionname: action
13     #   action := on/off
14     #   off := turn it off whether it was set or not
15     #   on := turn it on whether it was set or not
16     # * if not specified, keep as is.
17     #
18     # * all valid permission names:
19     #   webmail: on/off
20     #   calendar: on/off
21     #   contacts: on/off
22     #   tasks: on/off
23     #   infostore: on/off
24     #   projects: on/off
25     #   forum: on/off
26     #   pinboard_write_access: on/off
27     #   webdav_xml: on/off
28     #   webdav: on/off
29     #   ical: on/off
30     #   vcard: on/off
31     #   rss_bookmarks: on/off
32     #   rss_portal: on/off
33     #   mobility: on/off
34     #   edit_public_folders: on/off
35     #   read_create_shared_folders: on/off
36     #   delegate_tasks: on/off
37     #   edit_group: on/off
38     #   edit_resource: on/off
39     #   edit_password: on/off
40     #   collect_email_addresses: on/off
41     #   multiple_mail_accounts: on/off
42     #   subscription: on/off
43     #   publication: on/off

```

```

44 # active_sync: on/off
45 # usm: on/off
46 # olox20: on/off
47 # denied_portal: on/off
48 # caldav: on/off
49 # carddav: on/off
50 configCascadeMappings:
51 # applied to each context and user:
52 # * redList and greenList are mutually exclusive; use one or the other, but not both
53 # redList:
54 # # drop the capabilities that are mentioned below:
55 # - config/com.openexchange.subscribe.crawler.yahoocom
56 # - config/com.openexchange.subscribe.socialplugin.yahoo
57 # - config/com.openexchange.subscribe.socialplugin.msn
58 # key/values that should be added if not present can be specified using the keywords
59 # - addAllList := key/values that must be added to contexts and users
60 # - addUserList := only added to users
61 # - addContextList := only added to contexts
62 # NOTE:
63 # * values already present will be overridden with the values provided here
64 # * adding the same key/value to users and contexts usually makes no sense,
65 # since it is redundant information
66 # addAllList:
67 # taxonomy/all: blue
68 # taxonomy/numbers: 12345512342423423423
69 # taxonomy/string: "Text"
70 # addUserList:
71 # config/com.openexchange.unifiedquota.enabled: true
72 # config/com.openexchange.myfeature.enabled: false
73 # addContextList:
74 # config/com.openexchange.subscribe.socialplugin.tiktak: false
75 # config/com.openexchange.subscribe.socialplugin.knocknock: false
76
77 # Some more mappings.
78 # Those inherit the mappings from the defaultMappings.
79 # NOTE: however, since red- and greenLists are mutually exclusive and thus cannot be used
80 # at the same time, for inheritance that means that greenList items replace all
81 # redList
82 # items from the parent mappings and vice-versa
83
84 # anotherMappings:
85 # appliesToTargetName:
86 # - target1
87 # - target2
88 # permissionMappings:
89 # calendar: on
90 # configCascadeMappings:
91 # # the greenList defined here overrides and suppresses the redList
92 # # that is defined in defaultMappings
93 # greenList:
94 # # only migrate settings listed below
95 # - config/com.openexchange.cloudplugins.unifiedquota
96 # - config/com.openexchange.capability.drive
97 # # add one additional key/value to contexts
98 # addContextList:
99 # custom/fancy//option: "1337"
100
101 # # targetBrandName rules inherit from default mappings as well
102 # evenMoreMappings:
103 # appliesToTargetBrandName:
104 # - targetBrand1
105 # - targetBrand2
106 # permissionMappings:
107 # edit_resource: on
108 # configCascadeMappings:
109 # # the greenList defined here overrides and suppresses the redList
110 # # that is defined in defaultMappings
111 # greenList:
112 # # only migrate settings listed below
113 # - config/com.openexchange.cloudplugins.foo
114
115 # # some more targetBrandName rules

```

```

115 # yetAnotherMappings:
116 #   appliesToTargetBrandName:
117 #     - targetBrand3
118 #     - targetBrand4
119 #   permissionMappings:
120 #     edit_group: off
121 #   configCascadeMappings:
122 #     # Augments the redList defined in defaultMappings with additional
123 #     # redlisted capabilities:
124 #     redList:
125 #       - config/com.openexchange.subscribe.socialplugin.google
126 #
127 # # target- and brandname rules can be combined as well
128 # targetAndBrandCombined:
129 #   appliesToTargetBrandName:
130 #     - targetBrand10
131 #     - targetBrand20
132 #   appliesToTargetName:
133 #     - target10
134 #     - target20
135 #   permissionMappings:
136 #     multiple_mail_accounts: on
137 #   configCascadeMappings:
138 #     # Augments the redList defined in defaultMappings with additional
139 #     # redlisted capabilities:
140 #     redList:
141 #       - config/com.openexchange.subscribe.socialplugin.google
142 #
143 # noPermission:
144 #   appliesToTargetBrandName:
145 #     - targetBrand10
146 #     - targetBrand20
147 #   appliesToTargetName:
148 #     - target10
149 #     - target20
150 #   configCascadeMappings:
151 #     # Augments the redList defined in defaultMappings with additional
152 #     # redlisted capabilities:
153 #     redList:
154 #       - config/com.openexchange.subscribe.socialplugin.google
155 #
156 # noConfig:
157 #   appliesToTargetBrandName:
158 #     - targetBrand10
159 #     - targetBrand20
160 #   appliesToTargetName:
161 #     - target10
162 #     - target20
163 #   permissionMappings:
164 #     multiple_mail_accounts: on

```

File 6 /opt/open-xchange/etc/sql-client.d/omf-client-pools.yaml

```

1 # The top-level key is the identifier of the pool, which can be
2 # any string of text and is being used by the bundles and applications
3 # to access that pool configuration.
4 # Typically, those are fixed or need to be configured in the bundles
5 # that use this library.
6 #
7 # When Java Security Manager support is enabled, files that are referenced
8 # in these configuration files must be in a directory that is already
9 # whitelisted, or in a subdirectory thereof, such as
10 # /opt/open-xchange/etc/
11 #
12 # A good candidate would be something along the lines of
13 # /opt/open-xchange/etc/sql-files/
14 #
15 # Otherwise, the filename or its directory must be put into a new .list

```



```

16 # file in the folder
17 # /opt/open-xchange/etc/security/
18 # with e.g. the following content:
19 #
20 # file:/etc/trust.jks
21 #
22 # For a complete list of property values, read https://github.com/brettwooldridge/HikariCP
23 omf-migration:
24 # This property directs HikariCP to use "DriverManager-based" configuration.
25 # We feel that DataSource-based configuration (above) is superior for a variety of
    reasons (see below), but for many deployments there is little significant difference
    .
26 # When using this property with "old" drivers, you may also need to set the
    driverClassName property, but try it first without.
27 # Note that if this property is used, you may still use DataSource properties to
    configure your driver and is in fact recommended over driver parameters specified in
    the URL itself.
28 # Default: none
29 jdbcUrl: ${com.openexchange.omf.worker.sql.migration.url}
30 # This property sets the default authentication username used when obtaining Connections
    from the underlying driver.
31 # Note that for DataSources this works in a very deterministic fashion by calling
    DataSource.getConnection(*username*, password) on the underlying DataSource.
32 # However, for Driver-based configurations, every driver is different.
33 # In the case of Driver-based, HikariCP will use this username property to set a user
    property in the Properties passed to the driver's DriverManager.getConnection(
    jdbcUrl, props) call.
34 # If this is not what you need, skip this method entirely and call addDataSourceProperty
    ("username", ...), for example.
35 # Default: none
36 username: ${com.openexchange.omf.worker.sql.migration.user}
37 # sets the password of the connection
38 password: ${com.openexchange.omf.worker.sql.migration.password}
39 # This property controls the minimum number of idle connections that HikariCP tries to
    maintain in the pool.
40 # If the idle connections dip below this value and total connections in the pool are
    less than maximumPoolSize, HikariCP will make a best effort to add additional
    connections quickly and efficiently.
41 # However, for maximum performance and responsiveness to spike demands, we recommend not
    setting this value and instead allowing HikariCP to act as a fixed size connection
    pool.
42 # Default: same as maximumPoolSize
43 minimumIdle: 0
44 # This property controls the maximum size that the pool is allowed to reach, including
    both idle and in-use connections.
45 # Basically this value will determine the maximum number of actual connections to the
    database backend. A reasonable value for this is best determined by your execution
    environment.
46 # When the pool reaches this size, and no idle connections are available, calls to
    getConnection() will block for up to connectionTimeout milliseconds before timing
    out.
47 # Default: 10
48 maximumPoolSize: 10
49 # This property controls the maximum number of milliseconds that a client
    # (that's you) will wait for a connection from the pool. If this time is exceeded
50 # without a connection becoming available, a SQLException will be thrown. Lowest
51 # acceptable connection timeout is 250 ms. Default: 30000 (30 seconds)
52 connectionTimeout: 15000
53 # the dataSourceProperties configures the driver configured above using the jdbcUrl
54 # (some) networking related parameters don't seem to work using mysql (what we are using
    ), see
56 # https://github.com/brettwooldridge/HikariCP#popular-datasource-class-names
57 dataSourceProperties:
58     useUnicode: true
59     characterEncoding: UTF-8
60     useTimezone: true
61     serverTimezone: UTC
62     useSSL: false
63     requireSSL: false
64     verifyServerCertificate: false
65     enabledTLSProtocols: TLSv1,TLSv1.1,TLSv1.2

```