Release Notes

1exchange

1Exchange

Version 1.1.103

29 April 2016

Contents

1 Introduction

1.1 Scope

The purpose of the Release Note is to document the new functionality provided by the release and any known issues or limitations. The release notes will also record any administrative instructions that are specific to this release and not recorded elsewhere.

1.2 Purpose of Release

This is the first full release of 1Exchange.

1.3 System Requirements

1.3.1 Operating system

- Microsoft Windows Server 2012
- Oracle Linux 6.7

1.3.2 Hardware

Minimum hardware configuration:

- Minimum of 4Gb RAM
- Minimum of 2 CPU cores
- Hardware is dependent on required response times and throughput. Heavily used multi-user systems will need higher server specifications, please contact 1Spatial support (see below) for guidance on server configurations.

1.3.3 3rd Party Software

1.3.3.1 Database

- Oracle Database 11g Release 2
- Oracle Database 12c Release 1

1.3.3.2 Application Server

- Oracle WebLogic Server 12c 12.1.3

Note: 1Exchange must be installed on a domain **without** SOA components installed

1.3.3.1 Browser Support

This version of 1Exchange is supported on the following internet browsers:
- Google Chrome v26 or later
- Microsoft Explorer v9 or v10
- Mozilla Firefox v22 or later

2 Release details

The following sections provide a description of this release of 1Exchange.

2.1 Functionality provided by this release

1Exchange enables your data to be extracted from an Oracle database to GML 3.2.1 and then, after editing, the changes received back as GML 3.2.1 and loaded back into an Oracle database.

1Exchange supports the attachment of additional files to an exchange package, and the GML and additional files are all packaged up as a zip package which can then be downloaded.

This provides data editors with access to all necessary feature data, metadata and supporting resources (imagery, DTM) for a job.

This release provides the following functionality:

- Extract feature data from an Oracle database to GML 3.2.1
- Accept change only GML 3.2.1 in order to update feature databases to enable change only data product supply
- Read and write to and from Oracle Workspaces
- Extract ancillary feature data such as change intelligence or planning data
- Allow the attachment of other supporting data such as imagery
- Specify complex extraction rules (spatial and relationship based)
- Extract feature data conflicts identified by 1Transact from an Oracle workspace, so that they can be resolved by an editor and submitted back as a change only
- SOAP and REST web service endpoints
- Browser-based User Interface

2.2 New Functionality in this release

1.1.103	
MSCOMMON-540	Support for Oracle Linux 6.7
MSEXCHANGE-804	Allow 1Exchange to have multiple policies that work with different database schemas

2.3 Bugs Fixed in this release

1.1.100	
MSCOMMON-444	Improve resilience by removing the dependency on having a constantly running AdminServer

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MSINT-169	Support Java 1.7 update 80
1.0.107	
MSEXCHANGE-746	UI for entering job extraction min and max extents should present the fields in a + shape.
MSEXCHANGE-721	Growing job extents fails when features to grow are points
MSEXCHANGE-723	MBRs passed in to the the UI and SOAP API are not validated
MSEXCHANGE-728	Starting 1Exchange when there are no GP or GL configurations or adaptors causes incorrect error message
MSEXCHANGE-726	When loading data via the adaptor, need to pass in both gml and modified versions of the extracted data to help when creating the change-only file.

2.4 Known Issues and Unresolved Bugs

ID	Description
MSEXCHANGE-246	Can only extract extra referenced features two steps away
MSEXCHANGE-253	Add more error message in callback response.
MSEXCHANGE-423	Logs filled with harmless 'NullPointerException in PublishCallbackProxy.setStatus'
MSEXCHANGE-425	Race condition when starting multiple instances of 1Exchange at the same time
MSEXCHANGE-459	Go Publisher configuration page doesn't work with Internet Explorer
MSEXCHANGE-485	UI: Exchange Policy not remembered when extracting multiple times
MSEXCHANGE-494	Unable to submit secondary geometry points if the srsDimension is not set on the point
MSEXCHANGE-606	Logging in to the admin page redirects to the main UI
MSEXCHANGE-607	temporary files created in ExchangeRestServiceImpl.java do not get cleaned up
MSEXCHANGE-617	UI: Slide out panel causes display issues when the browser is not maximised
MSEXCHANGE-618	Consistency of timestamp logging in Exchange.log could be better
MSEXCHANGE-622	Unable to remove previous go publisher products when configuration is wrong and a job gets stuck
MSEXCHANGE-631	No validation on the FME Adaptor URL on the admin page
MSEXCHANGE-632	UI: No adaptor details are shown in the Policy Metadata
MSEXCHANGE-637	UI: Submit features button not visible until changes attachment is added
MSEXCHANGE-638	When uploading a file you have to click on the text
MSEXCHANGE-639	Can only delete one attachment from a package without refreshing

MSEXCHANGE-645	Exchange should return an error if it finds the incorrect geometry type in the GML file
MSEXCHANGE-655	UI: You need to click on a package to update its status correctly
MSEXCHANGE-656	You need to refresh the browser to see newly created package on a clustered environment
MSEXCHANGE-657	You need to refresh the browser to see newly deleted package disappear on a clustered environment
MSEXCHANGE-664	Copying a admin policy immediately does not reflect any recent changes
MSEXCHANGE-680	Cannot login to Exchange (or any other components) in IE9 if browser is on a Windows Server machine that has IE Enhanced Security Configuration enabled.
MSEXCHANGE-688	There is no restriction on a worker being able to delete a workflow managed job through the Exchange UI

3 Providing Feedback

If assistance is required while deploying this release, please contact either your Distributor or 1Spatial Support.

1Spatial Support is a dedicated support channel to users of the software to raise bugs and ask questions specific to 1SMS.
To contact 1Spatial Support, please visit our website: http://www.1spatial.com/services/support

Maximise the value of this release with 1Spatial training courses. For training enquiries please contact your Account Manager or email: training@1spatial.com.