

Magic xpi

4.14.1

Release Notes



OUTPERFORM THE FUTURE™

Contents

NEW FEATURES AND ENHANCEMENTS.....	1
Monitor Enhancements	1
New Connectors	1
LA Development Support for Connectors	1
Cloud Native Support	2
Support of Digest Authentication for RESTful API	2
Failproof Project Deployment on Cloud	2
Provision to Add Custom Dependencies for Project	2
Flow Request History and Activity Logs Clearance Configurations	3
Support for OpenTelemetry	3
Provision for Manual Installation of VHDX	3
OPC Connector to Generate Schema	3
Upgrading to Magic xpi 4.14.1 Windows	3
KNOWN ISSUES	4
FIXED BUGS	5
Disclaimer	18



We are glad to present Magic xpi 4.14.1 with Cloud Native support.

This version is designed and built with better User Experience, Stability, Security, and Performance as the key area of focus. The IMM installation is now much easier with the new single download and install script. The IMM Installer is available for both, Windows and Linux Ubuntu and can be fetched from the **Download Area**. The Linux Ubuntu Installer also supports High Availability Cluster deployment.

Along with many other quality improvements, this version also brings three new connectors and LA development support for five connectors.

New Features and Enhancements

Magic xpi 4.14.1 comes with the following new features and enhancements:

Monitor Enhancements

Text Search for Activity Log

Free text-search support for Activity Log.

Guest Access Support

Restricted Guest user access support.

Project SLA configuration

Provide a central interface for defining Project Deployment SLA across the IMM. The IMM attempts to maintain the SLA definition. This is a new feature, and we are working on its improvement and enhancement in future version. Along with these features, the Monitor also includes overall performance improvements like Search, Delete Filter in Activity Logs, Operation Data, etc.

New Connectors

Magic xpi introduces the following new connectors:

- D365-Business Central
- Azure Service Bus (ASB)
- Apache Kafka

LA Development Support for Connectors

The following connectors now support LA development:

- D365-Finance Operations
- D365-Business Central
- FTP
- FileWatcher
- JDBC



Cloud Native Support

Magic xpi Studio now supports custom dependency management for ease of cloud deployment. Read more about this feature in [Magic xpi Cloud Native.pdf](#) documentation.

Support of Digest Authentication for RESTful API

Magic xpi now supports Digest Authentication for RESTful API.

Failproof Project Deployment on Cloud

Earlier, deploying your projects to Cloud Native and executing them smoothly required manual intervention in the context of deploying the project dependencies.

For example, you needed to:

- move the XML files to peripherals for **OData** and **Restful**
- copy the driver files manually to `\databasedrivers` folder for **JDBC API**
- move the WSDL file to Magic xpi SOAP Server for **Web Service**
- move the `jdedwards-ext` and `jdedwards-config` folders to `\dependencies` folder for **JDEdwards** connector

Deploying these dependencies is now automatically managed by the product, thereby making the deployment of projects with dependencies seamless and effortless.

Provision to Add Custom Dependencies for Project

Extending the dependencies feature, Magic xpi Studio now supports adding your user-defined dependencies to the project and deploying it automatically on Cloud Native.

There are some dependencies which are automatically taken care by Magic xpi build process such as OData, JDBC, RESTful API, Web Service, JD Edwards, and TCP Listener.

You can add three types of custom dependencies:

- Local:** the local resources required for your project.
- External:** the dependencies are external which you download from the Internet.
- Service:** the dependencies like creating required folder structure using script, local editor, etc.

For example,

You require dependencies such as latest .JAR files from Internet to be able to use JDBC with MSSQL **you would use as external type** OR you may want to write your own script that starts an external server JBoss for JMS and RabbitMQ for MQTT **you would use as services**.

Likewise, if your project has custom connector(s), XSD files, any external resources, and/or services, and if you want to deploy the project on Cloud Native, then Magic xpi enables you to incorporate these custom dependencies and deploy your project automatically. All you need to do is open the menu option Magic xpi Studio > Project > 'Custom Dependencies...' and specify your project dependencies in the list of Custom Project Dependencies.

The following entries are added into the .dependencies file:



- JD Edwards JAR files and config folder.
- You need to list all the ports that are used by TCP Listener trigger in a TCPListenerPorts.txt file. The ports mentioned in this file are referred to by MCM for deployment.

Flow Request History and Activity Logs Clearance Configurations

Magic xpi introduced the following parameters to enable you to configure the Flow Request History in MongoDB:

1. REQ_HISTORY_THRESHOLD_IN_DAYS

It clears the Flow Request History from MongoDB for the set time.

2. LOG_HISTORY_THRESHOLD_IN_DAYS

It clears the Activity Logs from MongoDB for the set time.

Please mention the above parameters under the **immController** > **env** section of **values.yaml**.

Support for OpenTelemetry

Apart from writing Activity Log of each running project onto MongoDB, Magic xpi now provides a way to write the Activity Log to **OpenTelemetry** server.

Please configure Exporter Type and OTEL Collector URL at **Magic xpi Administration** > **OpenTelemetry** section of Magic xpi Monitor.

Provision for Manual Installation of VHDX

Installation has the approach to install VHDX, but in case if you skip it and wish to install it manually then, use following command:

```
powershell -noexit -ExecutionPolicy Bypass -File .\imm-install-airgap-4.14.1.373-windows-0.2.9.11.1.ps1 -artefactPath "c:\VHDX\"
```

Where **-artefactPath** is the parameter which should be passed to the script. The value is the VHDX folder path, <drive>:\VHDX.

Note: To be able to execute this command successfully, you need to place VHDX file and Script file inside the same folder.

OPC Connector to Generate Schema

The OPC connector can now generates schema for the retrieved Device list on connector configuration. This eases the process of parsing the received data using auto-generated schemas for the same. Please refer to Magic xpi Help page *Home > Component Series > OPC > OPC – XML*.

Upgrading to Magic xpi 4.14.1 Windows

- You need to redeploy IMM once you upgrade to Magic xpi 4.14.1.
- We tested IMM with Microk8s v1.30. We preserve compatibility with Microk8s v1.26 too.

Known Issues

- You need to redeploy IMM once you upgrade to Magic xpi 4.14.1.
- The **Project SLA** option in Magic xpi Monitor left-pane menu does not take effect immediately post configuration and restarting agents on all servers is required to take effect.
- Currently, no alert is raised for SLA breach when SLA configuration didn't match the currently running project's configuration. The following are not possible:
 - Defining multiple SLAs.
 - Defining Project SLA at the time of installation.
 - Defining multiple alternate host for a project.
- If you log-in to Magic xpi Monitor by SSO, you automatically get Admin permission.
- We observed that the Environment External Editor (EEE) is inoperable on some machines.
- The Project SLA feature is not supported in Cloud Native because the Project Pods have unique names, and the SLA support is based on Agents' name.
- The data time lags in the Activity Log tab in Magic xpi monitor if the project is continuously running with 'Auto Start', 'Auto Repeat', or 'Go-To Flows' conditions.
- The IMM agent or debugger connects to the IMM server when there is a difference in time on both the machines.
- The 'License usage & Available workers over time' graph is not generated in the Dashboard tab of Magic xpi monitor.
- When multiple projects are running, the total consumed license count is not displayed in the Dashboard tab of Magic xpi monitor.
- The projects located in the root directory (Windows Home Drive) are not displayed in the Magic xpi monitor. If '<ProjectsFolder FolderPath="c:\ " />' path is set in the ApplicationsList.xml file, the IMM agent needs to be restarted to display the projects in the monitor.
- The projects located in the shared network location are not displayed in Magic xpi monitor. If '<ProjectsFolder FolderPath="\\10.9.7.253\New\magic" />' path is set in the ApplicationsList.xml file, the IMM agent needs to be restarted to display the projects in the Magic XPI monitor.
- Magic xpi with SSL (single node and multi-node) performance is retarded as compared to the previous xpi version benchmarks.
- The data could be lost in the rarest scenario where the Master election of MongoDB in a cluster environment fails causing the DB to reset.
- LogDB clean-up may delete the new project's Activity Log.
- You need to have an existing IMM deployment to be able to debug your projects.
- IMM validation features (shown if IMM config was skipped during installation) do not work for MCM/cloud native deployments of IMM.
- MQTT trigger may fail to reconnect on events of "Loss of communication" with the MQTT server.

We are working to remove the above limitations in the following version.

Fixed Bugs

Issue	Description
MXPI-14366	If Service Endpoint in the URL contained two Space characters (%20) then Checker issued warning, 'Environment variable does not exist.'
MXPI-17864	The projects were found to execute despite license expiration.
MXPI-20020	While executing a project on AS/400 with MSSQL DB, on each execution of the Flow, an error occurred: 'Database Transaction could not be opened'.
MXPI-23620	The Magic XPI could not retrieve the Name and the Value field data in the MessageProperties while using the JMS ActiveMQ broker.
MXPI-24636	On executing a Directory Scanner project, Trigger issued an error and went to Flow named Error Flow thereby updating C.sys.InvokingBPName & C.sys.LastErrorFlowName with blank.
MXPI-24832	When a Web Service was deployed by Magic xpi had an XSD with attributes in the request, the WSDL file did not get generated correctly.
MXPI-24834	On using SugarCRM connector and trying to send an array to the Teams of the 'Accounts' module, an error occurred: 'Link field must contain array of actions, string given'.
MXPI-25109	While validating the SFTP resources in Magic xpi Studio, an error, 'Connection to the requested FTP server could not be established. FTP connection has failed. Reason: Connection timed out: connect' was issued.
MXPI-25305	The XMLExecute() method did not generate a non-empty document.
MXPI-25392	While using Dynamic CRM with OAuth if tried to fetch data from email entity having attribute values, no data was returned for multiple rows.
MXPI-25550	While unzipping the archived files created using File Archive component that had '(' or '[' in the file name, 'No file to extract' or 'Invalid file' errors occurred.
MXPI-25703	When the method RegExMatch was used to determine a number in a regular expression, it worked in Magic xpi whereas failed when used externally in Java.
MXPI-25975	When the first validation of DB2/400 Database Resource was unsuccessful, the library names showed garbage values, which were seen correctly only on restarting Magic xpi Studio.
MXPI-26309	While attempting to create flat file in Data Mapper Step by mapping Database source to Flat file destination, an unwanted space was found after each delimiter used to separate the records.

Issue	Description
MXPI-26532	The XPI 4.13.5 required the 8dot3name support during the installation otherwise the setup displayed an error 'Magic xpi requires 8dot3name (short name) support when it is installed in a location that contains spaces'.
MXPI-28230	The picture size Limitation of Command Line Parameters field in File Management connector needed to be increased to 2048.
MXPI-28719	The data mapper could not fetch the data from the source to the destination when a Stored Procedure was used as the source input.
MXPI-28732	A .ZIP file returned as response from REST Client could not be extracted.
MXPI-28863	The ODBC Microsoft Access Driver displayed an error of invalid precision value for INSERT operation via an ODBC connection.
MXPI-28902	When SharePoint component was used to find SharePoint List, then it was observed that the query did not issue any result when a value was set to a Numeric-type column.
MXPI-28917	The WSDL file was getting loaded in SoapUI successfully, but the same WSDL file was not getting loaded in Magic xpi.
MXPI-29016	When SharePoint component was used to find SharePoint List, then it was observed that the query did not issue any result when a value was set to a Numeric-type column.
MXPI-29173	The example scripts installed with Apache Tomcat v4.x - v7.x in the path "XPI\Runtime\apache-tomcat\webapps\examples" were vulnerable to cross-site scripting (XSS) injection and information leakage.
MXPI-29178	A particular project was getting restarted continuously and some Messages were stuck in the 'CHECKING' status and some others were stuck in the 'IN_PROCESS' status.
MXPI-29348	When SAP data was taken into a variable and the variable was used in an XML handling Step, then it threw an error regarding Invalid element path.
MXPI-29401	It was not possible to load the metadata inside a resource while attempting to connect to Dynamics NAV with OData4 using a specific URL containing hp://.../WSItemColorTransfer.
MXPI-29468	The namespace in response returned by Web Service Provider was different than the one that was sent in the request.
MXPI-29565	The ASCII transfer type file was uploaded with the garbage characters, when the AS400 FTP server was used with the Magic XPI FTP connector.

Issue	Description
MXPI-29618	When a custom connector was created to return an exception under If-Else logic, then an error, 'Error 24: Error Code [9999] does not exist for the selected component [0]' occurred, and a blank value was returned in the desired variable.
MXPI-29848	The WSDL file was not getting loaded in Magic xpi successfully, the issue was resolved by shuffling a particular section of the file.
MXPI-30047	The email Trigger became unresponsive at times and issued an error, 'javax.mail.FolderClosedException: * BYE JavaMail Exception: java.io.IOException: Connection dropped by server?'
MXPI-30077	The Salesforce connector returned the timeout error "Error 1203: Salesforce call error: com.magicsoftware.ibolt.salesforce.IBSalesforceException: Salesforce getObjectIDbyField function error (ConnectionException): Request to https://services/Soap/u/51.0 timed out. TimeTaken=19744 ConnectionTimeout=600000 ReadTimeout=600000" for query operation and bulk update of records.
MXPI-30230	When a custom connector was implemented for error handling, a relevant error was displayed as per the logic but '8888: .Net Exception' occurred intermittently.
MXPI-30266	While configuring SharePoint connector for a particular user, an error, 'Failed to get SharePoint Online entities from the server' was issued.
MXPI-30345	Web Service Client with SAP SOAP Endpoint threw an incorrect error that said 'timeout for response', which is fixed by providing a relevant error message now.
MXPI-30367	It was observed for a Flat file that if there were more than 800 lines present in the collection, it did not create 'Headerline' in the generated output file.
MXPI-30433	While sending request through CMD using TCPListenerTrigger tool, the conversion of TCP to flow request was unsuccessful with an error, 'CONVERT_FAILED. Converting TCP to FlowRequest failed. countInstance failed. java.lang.NullPointerException: null'.
MXPI-30472	In REST Client Configuration Parameters when Header Parameters were defined in Camel-case, they were found to be converted into small case.
MXPI-30473	It was not possible to unlock the logically locked Components after incorporating the previous bug fix.
MXPI-30480	When the project was upgraded to an upper version of Magic xpi, it was not possible to move a .TXT file from SFTP to LAN.

Issue	Description
MXPI-30481	When defining the OAuth2 connection in the Resource and requesting the access token, the OAuth2 access screen was opened but User and Password fields were invisible.
MXPI-30491	When XML Encoding property of Data Mapper was set to 'Project Encoding' and when the data was passed to REST Client, then the output of REST Client was found to contain garbage.
MXPI-30495	The Magic xpi did not process iDocs when max-instance was set to 1, whereas all iDocs got processed with default max-instance setting.
MXPI-30514	If multiple projects (say 20 projects) were attempted to start using a Batch file that contained Start.link for each of the projects with adequate delay between all Start.link, it was found that some projects did not start and the log file mgxp Picmdl.log had mention of an error, 'CannotFindSpaceException'.
MXPI-30515	While trying to process multiple iDocs, it was found that one of the iDocs received in SAP ERP Trigger was missing a specific node thereby returned an error and did not process the iDoc successfully.
MXPI-30658	When an interface with a SOAP Web Service was exposed to a third party, penetration testing revealed that this SOAP WS was prone to 'XML External Entity Injections' security issue.
MXPI-30659	If a Soap service was being provided by Magic xpi using Tomcat, and instead of the full URL like "http://localhost:6060/services/SOAP_Test/Test_SOAP?wsdl", if only partial URL like http://localhost:6060/services/SOAP_Test/ was called, then Error 404 appeared with an unexpected information about the version number.
MXPI-30663	If two operations defined in the Web Service use different schemas then while generating the Web Service it was found that the body of each operation contained the same XSD schema.
MXPI-30664	It was not possible to validate GCC-High tenant SharePoint resource in Magic xpi Studio.
MXPI-30666	In a specific scenario while performing a parameter search in a RFC search string, Magic xpi Studio became unresponsive and the search was successful only on restarting the Studio.
MXPI-30702	The Magic XPI did not support numbers after nine decimal places even though the custom picture for integer or setting for the flow variable in the data mapper destination was applied.

Issue	Description
MXPI-30713	The rest client request logs displayed BOM characters when the XML encoding was set as UTF-8 in the data mapper.
MXPI-30717	There were vulnerabilities found in Magic xpi Monitor.
MXPI-30719	If the log level was set to 'ERROR'/'WARN' in logback.xml to get only Error(s) or Warning(s) in the log file, these errors or warnings were not getting logged into the generated log file.
MXPI-30794	When data was posted to a D365 Finance Operations entity using the D365FO component, and if a value below 0.10 was entered for a numeric field, then an error, 'Error 9999: Exception - [org.apache.olingo.commons.api.edm.EdmPrimitiveTypeException: The value '0.00' does not match the facets] occurred, thereby leading to unsuccessful registration of data to D365FO Entity.
MXPI-30797	When attempting to connect to Dynamics NAV with OData4 using the URL http://progress-mt+01.office.rbc.ch:7048/PROGRESS_DB04_NAS_WS/ODataV4/Company('Intersport')/WSItemColorTransfer , the metadata cannot be loaded inside the resource.
MXPI-30817	The '.json' API specification file was not getting loaded in the Load OpenAPI of RESTful services.
MXPI-30820	After migrating projects to a newer version, it was found that out of the multiple iDocs sent to SAP/ERP at a time, only one iDoc was processed. To resolve this issue, we provided two options - one to Request to Headers and other to Return HTTP Status Code.
MXPI-30867	If multiple parameters were defined in Rest Client Resource, then it required manual refreshing of the schema on configuration screen to be able to view the updated configured parameters.
MXPI-30868	It was observed that modifying RESTful service configuration made the original settings related to user credentials unavailable.
MXPI-30881	When Web Client Request contained '\$' character, an error, 'Error java.lang.IllegalArgumentException: Illegal group reference' occurred.
MXPI-30883	The HTTP trigger returned a timeout error within 30 seconds of trigger invocation and an error response was returned.
MXPI-30884	The length of password field was required to be increased from 30 characters to 100 to accommodate longer passwords.

Issue	Description
MXPI-30892	The LDAP connector in Magic XPI returned a different value than the PowerShell script while converting the objectGUID to base64 for a user.
MXPI-30893	When different SAP usernames validated to the same SAP server address, the SAP ERP step that calls the RFC returned an error "JCoException: Destination IF19_10.249.75.128_00_200_d5cc3ecaab8dd595cd0f3224a6f2590c4027d07b does not exist".
MXPI-30895	While executing a project on WSL Ubuntu setup, 'Error 503: Service Unavailable' was returned by Restful API Trigger in Magic xpi Japanese version.
MXPI-30978	The SAP ERP Trigger's property 'Store trigger information in' did not contain information about Transaction ID.
MXPI-31052	The vulnerability report was generated for Magic XPI monitor.
MXPI-31056	While invoking a Web Service, the client Step was getting the error 'Web Service Client invocation failed com.google.common.util.concurrent.UncheckedExecutionException: org.apache.cxf.wsdl11.WSDLRuntimeException: ...'.
MXPI-31193	On setting 'Start At Row' parameter to type Numeric, saving the setting, and reopening the screen, it was found that the type was getting changed to type 'Alpha'.
MXPI-31198	Web Service request failed when it contained the '<' character and when a previous bug fix regarding the failure of the request if it contained the '\$' character had already been applied.
MXPI-31200	On successful execution of Excel Component's 'Open Workbook' and 'Select Worksheet' methods, an invalid error code 1.0 was returned.
MXPI-31201	While using GetFile() method in FTP connector and trying to process multiple files, say more than 10 files, then Magic xpi Monitor displayed Error 505.
MXPI-31203	It was not possible to debug the project after applying a bug fix related to the projectsStartup batch file for starting multiple projects.
MXPI-31246	On generating SOAP Web Service using Magic xpi Studio, Error 500 - the Internal Server Error occurred.
MXPI-31334	While trying to connect to Soap Web Service through Magic xpi Web Service Client, an error, 'Error 753: Web Service Client invocation failed...' was issued at runtime.

Issue	Description
MXPI-31390	While validating the OAuth email resource, an error, 'Some requested scopes were invalid. {valid=https://mail.google.com/, invalid=[offline_access]}...' occurred.
MXPI-31402	The HTTPTimeout being set to a single-digit value was too less for the function HTTPTimeout() to work correctly.
MXPI-31540	When a Flow was triggered using an HTTP Trigger, the default value of Flow Variable did not update as expected on utilizing 'GetObjectname()' function.
MXPI-31600	When an external Apache Tomcat Web Resquester was used to call HTTP, then the function RqHttpStatusCode() issued an unexpected status code.
MXPI-31610	When the ODS Information property under Clear Mode Setting was disabled, then on restarting the project it was found that the ODS data was containing inaccurate values.
MXPI-31630	In a specific scenario, Magic xpi server crashed with the error, 'Abnormal termination with exit code [-1073741819], removing (restart-on-exit [NEVER]', and restarted automatically.
MXPI-31638	Soap Web Service was found to be prone to a security threat named 'XML External Entity Injections'.
MXPI-31639	Soap Web Service was found to be prone to a security threat named 'XML External Entity Injections'.
MXPI-31640	Soap Web Service was found to be prone to a security threat named 'XML External Entity Injections'.
MXPI-31698	While using DB2/400 DB, when Table Column name was defined longer than 20 characters, then Data Mapper displayed only first 20 characters of the Column name.
MXPI-31705	Two independent isolated bug fixes were required to be merged into a single file.
MXPI-31714	While using SugarCRM connector if an element had multiple values, Magic xpi did not retrieve all values.
MXPI-31718	While using PHDServer in Magic OPC connection, the resources are validated successfully but Device Lists are not retrieved after the Step configuration of a particular resource.
MXPI-31753	While using READ operation in Excel connector and specifying Range on the empty data, an error occurs: 'Error 1801: Error in the transformation process. Error in the Read operation. com.magicsoftware.xpi.sdk.SDKException: Error in

Issue	Description
	the read file operation due to {} java.lang.IndexOutOfBoundsException: Index: 0, Size: 0.'
MXPI-31814	Soap Web Service was found to be prone to a security threat named 'XML External Entity Injections'.
MXPI-31815	Soap Web Service was found to be prone to a security threat named 'XML External Entity Injections'.
MXPI-31816	A project containing large number of files issued the exception java.lang.NullPointerException thereby seizing the project execution.
MXPI-31840	It was observed that the Magic xpi Monitor missed to display a couple of parameters such as Flow Name, Step Name, etc.
MXPI-31869	Applications that use 'UriComponentsBuilder' to parse an externally provided URL and perform validation checks on the host of the parsed URL were found to be vulnerable to either an open redirect attack or to a SSRF attack if the URL was used after passing the validation checks.
MXPI-31893	The magic-xpi-imm-chart returned an installation failed error when the IMM deployment batch file was executed.
MXPI-31917	When the particular WSDL (easytest.wsdl) was loaded in WCF Client Resoruce, an error. 'Error: Create Proxy : Error: All parts of the message in operation must either contain type or element.' was issued.
MXPI-31924	A specific project executing Data Mapper Steps with a databse caused memory leak.
MXPI-31926	While using a particular WSDL with a Web Service Client, an error, '[ERROR] [Thread-15] [STEP: ::2] [FSID: 1:UNKNOWN] [com.magicsoftware.ibolt.commons.logging.Logger.logMessage : 283] XPA[null] java.lang.NullPointerException' occurred.
MXPI-31978	While attempting to generate documentation, some of the projects failed with the following error: 'Mgxpi.Log {DEBUG} - The "GenerateProjectDocumentation" task failed unexpectedly.'
MXPI-31995	The 'C.Sys.ErrorDescription' and 'C.Sys.LastErrorDescription' fields were blank when 'C.Sys.ErrorCode' was 505 while using the 'Multi Put' FTP method.
MXPI-32144	The service response against xpi-generated Web Service WSDL definition could not be validated.
MXPI-32145	The service response against xpi-generated Web Service WSDL definition could not be validated.

Issue	Description
MXPI-32153	An error: 'Error 9999: Get operation failed. ...' occurred when Comma characters were present in REST Client path parameters.
MXPI-32158	When an email was sent using Exchange connector, it was sent correctly but it did not show-up in 'Sent Items' folder of the Mail Service Provider.
MXPI-32206	There were vulnerabilities found in Magic xpi Monitor.
MXPI-32207	In a specific scenario, memory leak was observed.
MXPI-32218	While attempting to connect to the SAP Payroll Web Service using Web Service Client component, an error occurred: 'Web Service Client invocation failed java.util.concurrent.ExecutionException: java.net.MalformedURLException: unknown protocol: d'.
MXPI-32246	IMM agent was seen offline due to which it was not possible to execute the projects.
MXPI-32299	After restarting the IMM-agent, the running projects and the ongoing processes were terminated.
MXPI-32307	While loading WSDL in Web Service Client, an error, ' [ERROR] [Thread-15] [STEP: ::2] [FSID: 1:UNKNOWN] [com.magicsoftware.ibolt.commons.logging.Logger.logMessage : 283] XPA[null] java.lang.NullPointerException... '.
MXPI-32320	While attempting to use Get/Put methods with the FTP connector, Magic xpi monitor displayed an error: 'Error 503: File not found, cause: The message data cannot be written.'.
MXPI-32326	When an email was sent using Exchange connector, it was sent correctly but it did not show-up in 'Sent Items' folder of the Mail Service Provider.
MXPI-32330	There were vulnerabilities found in Magic xpi Monitor.
MXPI-32352	In Magic xpi Japanese version, the data sent to the Web Service Provider was getting converted into unknown format.
MXPI-32353	When data was passed with Japanese characters from source XML to Web Service Client XML, the Japanese characters were getting converted to '?' characters. Also, the spaces between the data fields were getting automatically removed.
MXPI-32376	While using Web Service as a Trigger in Magic xpi Japanese version, an issue occurred when an attempt was made to fetch HTTP custom/default system header(s).

Issue	Description
MXPI-32378	The list of Internal and External ports required for IMM was needed to be prepared in a distributable format and updated into xpi Help.
MXPI-32379	The custom fault string error message from Web Service was not getting updated with the fault description. Instead, the default error message was being issued.
MXPI-32380	While using a Web Service with XML Document as Input Body, it was observed that the XSD provided at the time of Web Service creation and the one created on deploying the Web Service were different.
MXPI-32391	While using Web Service it was found that Magic xpi added <response></response> tag into the XML document containing response, which was an extra entity unaligned to the desired XSD structure.
MXPI-32405	While validating the SFTP Resource, an error, "Could not authenticate SSH client: PARTIAL" occurred.
MXPI-32423	It was not possible to use the same operation name across different Web Service definitions as only unique names of operation were permitted.
MXPI-32424	It was not possible to set the HTTP Status Code explicitly for the Web Service Trigger.
MXPI-32518	If the 'Packages' containing a set of stored procedures that returned numeric value was used in Oracle DB, it was not getting parsed in the Data Mapper source.
MXPI-32526	The Magic XPI updated the status of the processed IDoc in the SAP ERP server immediately after the trigger was executed and not at the end of the flow.
MXPI-32538	The ALE confirmation update for SAP iDoc Trigger was getting sent back to SAP before the Trigger completed flow execution.
MXPI-32562	While using JDBC connector with MySQL DB, an erroneous SQL statement was getting generated that had unwanted character 'N' prefixed before all the values of query parameters.
MXPI-32614	The REST Client with Local Agent (LA) encountered an error "Error 1601: Step invocation failed: TLS file not found. java.nio.file.NoSuchFileException: C:\java\conf\tlsProtocols.dat" if the right installation path was not set in the connectors.xml via config.ini.
MXPI-32619	In a specific scenario, Magic xpi Studio stopped functioning.
MXPI-32637	Magic xpi applications that used UriComponentsBuilder to parse an externally provided URL and perform validation checks on the host of the parsed URL were

Issue	Description
	suspected to be vulnerable to an open redirect attack, or to an SSRF attack if the URL was used after validation checks. The threat is removed now.
MXPI-32672	When XML-Replication was set to Yes at the Data Mapper destination side, Magic xpi seized functioning at Data Mapper step and did not generate XML document.
MXPI-32683	In a particular Magic xpi Japanese version, on setting XML encoding to Unicode UTF-8 and executing the Flow, extra garbage characters were getting added into the XML document.
MXPI-32738	While using SAP ERP connector it was observed that the flow was getting halted at breakpoint and if flow execution was complete, then the thread was not getting returned to the SAP ERP connection pool.
MXPI-32757	It was not possible to customize REST service Return Code and Description for the error code 408.
MXPI-32762	When OPC connector Step was configured, the Destination panel did not contain XSD schema depending on the addresses and static tags.
MXPI-32786	On revalidating the Exchange resource, a new Refresh Token was not being generated thereby issuing a runtime error: 'ERROR: Validation Exception: Server returned HTTP response code: 400 for URL: ...'.
MXPI-32794	While using Web Service Client component it was observed that the response data appeared without spaces.
MXPI-32831	In a particular XML file, an extra tag named <response> was unduly getting added.
MXPI-32917	While executing a project with two instances in a cluster environment, and using SAP ERP Connector, one project failed sporadically on one server with an error, 'Error UNKNOWN] [com.magicsoftware.sdk.sapR3Connector.step.SapR3StepAdaptor.invoke : 91]...'. Another instance of the same project was executed without error on another server.
MXPI-32932	The timestamp of the Production Activities under the BAM tab were found to be different than those under the Activity Log.
MXPI-32943	On using Email Trigger to receive emails from Inbox, it was found that the Trigger started, but all the Emails stayed unread in the Inbox possibly due to Search of Emails using Message ID being slow.
MXPI-32950	A particular project was not able to execute in Runtime and in Debug.

Issue	Description
MXPI-32974	When certain data was sent to Web Service, the SoapFault XML displayed the message, 'Illegal base64 character 20'.
MXPI-32975	When certain data longer than 32 characters was sent to Web Service, the SoapFault XML displayed the message, 'Last unit does not have enough valid bits'.
MXPI-32987	The error message in case of Web Service Trigger time-out was not clear enough to understand the reason of the error. This bug is fixed by replacing the earlier error message with the clearer one.
MXPI-33037	Incorrect value was returned in the result when Float variable of JDBC was mapped to call a Flow variable.
MXPI-33038	While working with JDBC in a Call Flow, an error, 'Exception: java.lang.Exception: Invalid pseudo reference!' occurred.
MXPI-33039	For a specific SQL query, data was not getting transferred from JDBC source to XML schema at the destination in Data Mapper.
MXPI-33069	While using Rest Client resource, the OAuth process failed with an error: 'Could not sign in. This browser or application may be insecure. Please try a different browser. If you are already using a supported browser, you can try again to sign in.'.
MXPI-33070	While using multiple Microsoft OAuth resources, validating them successfully, and using them in the quick receive Email Step, only one resource was found to be working and others issued an error, 'Error 103: Receive Mail error: javax.mail.MessagingException: A3 BAD User is authenticated but not connected.; nested exception is: com.sun.mail.iap.BadCommandException: A3 BAD User is authenticated but not connected.'.
MXPI-33120	While using Exchange Step to receive the e-mail, it was found that the generated XML file was invalid when the sender name contained a special character.
MXPI-33306	The Steps 'Multi Get' and 'Log multi get with code' were issuing an error, 'Error 505: Operation failed, cause: com.enterprisedt.net.ftp.ssh.SSHFTPClient cannot be cast to com.enterprisedt.net.ftp.ssl.SSLFTPClient.'.
MXPI-33330	The API performance degraded and failed with a 500 status code (Socket Timeout) as the CPU of the Windows machine was occupied between 93 and 100% when a large number of requests were sent through JMETER on IMM 1.5 of RHEL.

Issue	Description
MXPI-33462	The HTTP trigger returned asterisk characters for numeric variable or wrong values after the 16th digit for the alpha variable, if the picture numeric 18.0 was set.
MXPI-33479	The vulnerability assessment report was generated for the Magic XPI monitor.
MXPI-33568	When the destination schema was XML and the source object was a JSON file, the trailing spaces were getting removed.
MXPI-33584	While executing the project containing HTTP Trigger Flow and waiting for a response, HTTP Error 500 Timeout occurred in the Magic xpi Japanese version when the ubuntu machine was restarted.
MXPI-33875	When multiple replicas of an element were defined, then it was observed that only one element appeared in the resulting XML.
MXPI-34048	While using REST Client connector with OAuth 2 security, a runtime error occurred: 'Error 9999: Getting the [] parameter value failed, cause: The [OAuth Refresh Token] parameter value is not defined.'.
MXPI-34433	The Magic XPI studio displayed an error, "Connection to the requested Database could not be established" while validating any JDBC resource.

About Magic Software Enterprises

Magic Software Enterprises ([NASDAQ: MGIC](#)) empowers customers and partners around the globe with smarter technology that provides a multi-channel user experience of enterprise logic and data. We draw on 30 years of experience, millions of installations worldwide, and strategic alliances with global IT leaders, including IBM, Microsoft, Oracle, Salesforce.com, and SAP, to enable our customers to seamlessly adopt new technologies and maximize business opportunities. For more information, visit www.magicsoftware.com.

Disclaimer

Magic Software Enterprises Ltd provides the information in this document as is and without any warranties, including merchantability and fitness for a particular purpose. In no event will Magic Software Enterprises Ltd be liable for any loss of profit, business, use, or data or for indirect, special, incidental or consequential damages of any kind whether based in contract, negligence, or other tort. Magic Software Enterprises Ltd may make changes to this document and the product information at any time without notice and without obligation to update the materials contained in this document.

Magic is a trademark of Magic Software Enterprises Ltd.

Copyright © Magic Software Enterprises, 2024

