

Maximo 7.6.1.x End of Support – 9/30/2025 ;<4 months to go; Are you ready?



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chris.winston@naviam.io

<https://www.linkedin.com/in/chriswinston>

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What you can do now in 7.6.1.3 to prepare for MAS 8/9

- Leverage REST API and Automation Scripts
- Authentication – SAML
- Upgrade to 7.6.1.3 and why
- Integrity Check

Leverage REST API and Automation Scripts

- Get away from triggers, stored procedures and other external code that updates Maximo data
 - Leverage Automation Scripts
- USE APIKEYS now in integrations – no need to wait for MAS
 - Maximo Video: <http://tinyurl.com/UseAPIKeysNow>
 - Maximo Doc: <https://tinyurl.com/RestAPIGuide>
 - IBM REST Video: <https://tinyurl.com/ibmrestapi>
 - IBM REST Doc: <https://tinyurl.com/IBMRESTAPIGuide>
- Use COTS functions wherever possible over scripting
 - Extend PM's with existing function
 - Reassign W.O. Owners from list to do large groups

Authentication – SAML – the new cloud standard with MFA

- Authentication – Switch to SAML esp. for Multi-factor Authentication (MFA)
 - Evaluate your authentication REQUIREMENTS
 - (SAML, LDAP or Native)
 - LDAP generally requires direct access to Active Directory (IT security risk)
 - SAML authentication is the new cloud standard
 - MFA can be leveraged with most SAML identity providers
 - Choose Mobile and add-ons that support SAML authentication
 - SAML Identity provider examples: Okta, Active Directory Federation Services, Auth0, MS Entra ID, & more

Upgrade to 7.6.1.3 and why

- You can upgrade from 7.6.0.10, 7.6.1.2, or 7.6.1.3 but...
 - 7.6.1.3 has the Same BIRT version (4.8.0) as Manage
 - Increased “Sensitivity” so some 7.6.1.2 reports will break
 - Most ready version to upgrade to MAS
 - Extended Support requires the last supported fixpack for 7.6.1.3

BIRT 'Sensitivity issues'

The screenshot displays the BIRT Studio interface with several windows open. The main editor shows a script for the 'fetch' operation, which uses various `getInteger`, `getString`, and `getDouble` methods to retrieve data from the `polineDataSet`. The line `row["orderqty"] = polineDataSet.getString("orderqty");` is highlighted in blue.

An 'Exception' dialog box is open in the bottom left, displaying a red error icon and the message: "There was an exception on the server. Check your report parameter values, or contact your system administrator, who can find additional details in the server log." The dialog has 'OK' and 'Cancel' buttons.

The 'Edit Data Set - polineDataSet' window is open on the right, showing the 'Output Columns' tab. It lists the columns and their data types:

Name	Type
polineenum	Integer
catalogcode	String
itemnum	String
conditioncode	String
currencycode	String
description	String
totalcost	Decimal
orderqty	Decimal
orderunit	String
unitcost	Decimal
linecost	Decimal
tax1	Decimal
inclusive1	Decimal
manufacturer	String

The 'Data Source' tab is also visible, showing the 'polineDataSet' selected under 'Data Sets'.

BIRT 'Sensitivity issues '

- A report contained a 'rc' (running count) field as part of an aggregation
- Subsequently, that field (WORKORDERID) was removed from the report, but not from this aggregation
- Report now fails in 7.6.1.3 but not 7.6.1.2
 - Use CTRL+F to find when you remove something, and remove ALL occurrences

Properties Binding Groups Map Highlights Sorting Filters

☒ Data Set: taskDataSet Data Set Parameter Binding...
☐ Report Item:

Data Column Binding:

Name	Display Name ID	Display Name	Data Type	Expression	Function	Filter	Aggregate On
description			String	dataSetRow["description"]			N/A
measuredate			Date Time	dataSetRow["measuredate"]			N/A
measurementval...			Decimal	dataSetRow["measurementvalue"]			N/A
observation			String	dataSetRow["observation"]			N/A
pointnum			String	dataSetRow["pointnum"]			N/A
rc			Integer	row["workorderid"]	RUNNINGCOUNT		All
status			String	dataSetRow["status"]			N/A
taskid			Decimal	dataSetRow["taskid"]			N/A

Add... Add Aggregation... Edit... Remove Clear Refresh

Integrity Check – Run today and in 1 month

- Integrity checker

- Run in 'Report' mode
- Address errors – especially autokey, database structure and many others. Here are a couple examples:

BMXAA0443E -- Error - BMXAA0538E -- Column BUDGETRULE.BUDGETRULENUM is mapped to AutoKey BUDGETRULE, but the autokey does not exist.

BMXAA0442W -- Warning - BMXAA0498W -- The following columns are defined to be 'same-as' , but have different must-be settings. Go to the Database Configuration application and fix the mismatch.

- Compare results between the runs

Reference Links

- [Upgrade checklist – this has the reference to the customization archive](#)
- [Upgrading from Maximo Asset Management to IBM Maximo Manage](#)
- [Upgrading from Maximo Asset Management to IBM Maximo Manage pdf version](#)
- [Moving from EAM to Manage Blog](#)
- [What's new with Maximo Manage 8.0 – 8.7](#)
- [Application Suite 8.8 and later – continuous delivery model](#)
- [Customization Standards](#)
- [Classname Prefixes for Industry Solutions](#)
- [MAS Authentication options](#)
- [Maximo Application Suite Admin APIs 8.11.x](#)
- [IBM REST API Guide](#)
- [Maximo Automation Script Wiki](#)
- [MAS 8.11 – Multiple Identity Providers](#)
- [Generating Entity Relationship Documents 7.6.x \(ERDs\)](#)
 - [MAS ERD](#)
- [Role Based Applications – Work Orders](#)
- [Role Based Applications – Operational Dashboard](#)
- [Navigation differences – Manage vs. 7.6.x](#)
- [Maximo Application Suite Update: A look at 2024 and beyond \(v9!\)](#)
- [Prepare for MAS: Utilizing S3 Storage for Attached Documents in 7.6.1](#)
- [Join the IBM Maximo Product Updates Group](#)
- [IBM Maximo Product Updates Group – for Members](#)
- [Navigating 7.x End of Support](#)
- [Projotech's Lift & Shift Methodology](#)

QUESTIONS?