

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



**The asset management journey.  
Streamlined.**

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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 (MFA)
  - Evaluate your authentication REQUIREMENTS
    - (SAML, LDAP or Native – all are available in MAS)
  - LDAP 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'

```
Script: fetch  
  
// The specific get method should match the data type of  
row["polinum"] = polineDataSet.getInteger("polinum");  
row["catalogcode"] = polineDataSet.getString("catalogcode");  
row["itemnum"] = polineDataSet.getString("itemnum");  
row["conditioncode"] = polineDataSet.getString("conditioncode");  
row["currencycode"] = polineDataSet.getString("currencycode");  
row["description"] = polineDataSet.getString("description");  
row["totalcost"] = polineDataSet.getDouble("totalcost");  
row["orderqty"] = polineDataSet.getString("orderqty");  
row["orderunit"] = polineDataSet.getString("orderunit");  
row["manufacturer"] = polineDataSet.getString("manufacturer");  
row["modelnum"] = polineDataSet.getString("modelnum");  
row["unitcost"] = polineDataSet.getDouble("unitcost");  
row["linecost"] = polineDataSet.getDouble("linecost");  
row["tax1"] = polineDataSet.getDouble("tax1");  
row["shipto"] = polineDataSet.getString("shipto");  
row["shiptoattention"] = polineDataSet.getString("shiptoattention");  
row["inclusive1"] = polineDataSet.getDouble("inclusive1");  
row["siteaddr1"] = polineDataSet.getString("siteaddr1");
```

- poprint.rptdesign  
 Data Sources  
 Data Sets  
 mainDataSet  
 polineDataSet  
 subDataSet  
 Data Cubes  
 Report Parameters  
 Variables  
 Body  
 MasterPages  
 Styles  
 Embedded Images  
 Libraries  
 Scripts

Name	Type
polinum	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

Exception

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.

OK Cancel

# 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](#)
- [Projetechn's Lift & Shift Methodology](#)

QUESTIONS?