Tivoli software

IBM

Support Technical Exchange:

Maximo Enterprise Adapter for SAP Applications

Upgrade Planning from Maximo 6.2 to 7.5

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Introduction

- This presentation provides information for the Maximo Enterprise Adapter for SAP Applications customer who wants to upgrade their Maximo Asset Management (MAM) version 6.2 to 7.5.

- Objectives:
  - Will know the enhancements of the MAM 7.1 and 7.5
  - Will know how to plan their upgrade

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Agenda

- Supported Versions
- What's new in MX 7.1 released?
- What's new in MX 7.5 released?
- Upgrade Planning
- Maximo Enterprise Adapter with the different SAP ERP versions
- Material References

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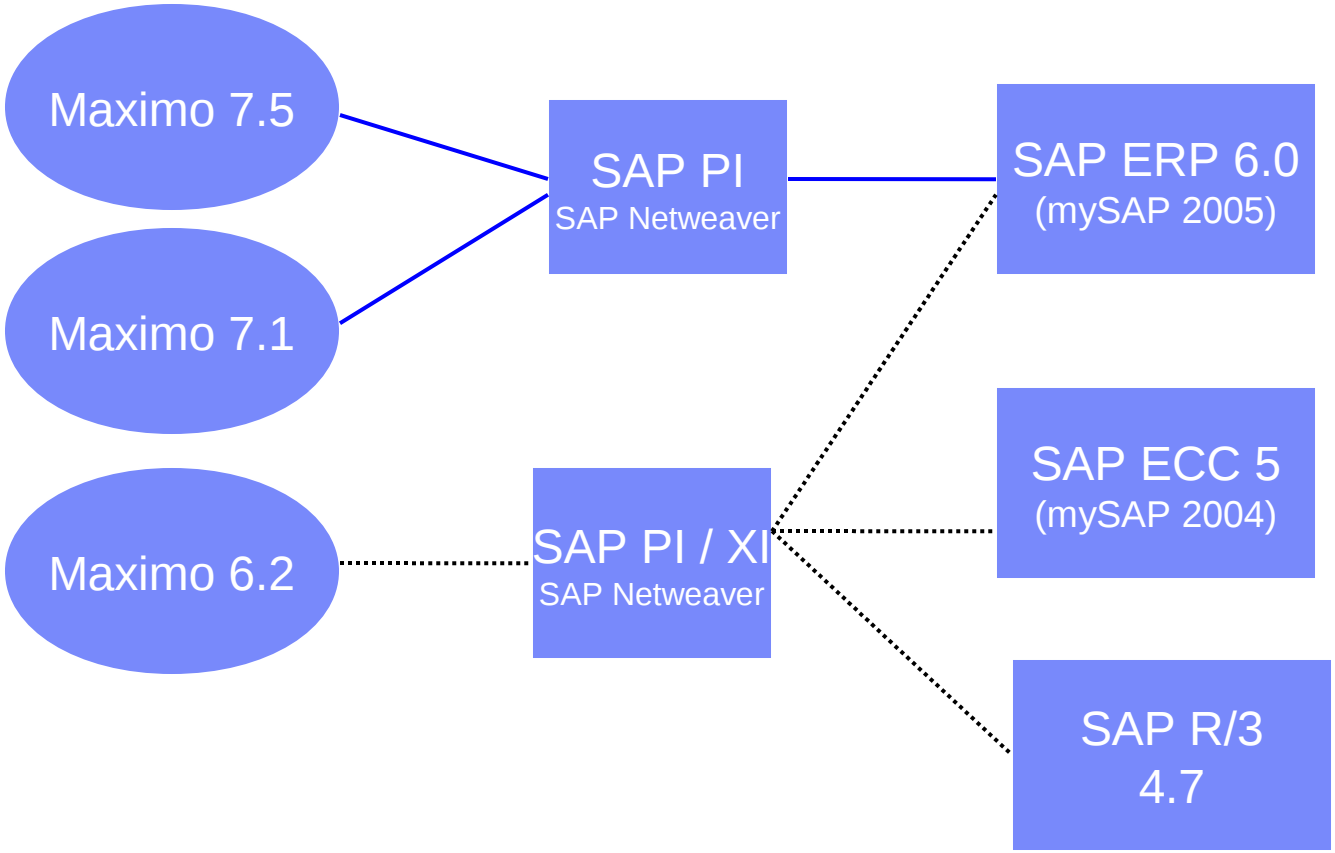
IBM Maximo Enterprise Adapter for SAP Applications

- The standard SAP Adapter has been verified on the following Maximo and SAP version combinations.



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What's New in MEA SAP 7.1 released?

- Changes in Maximo
  - Item Status
  - Maximo Integration Framework (Maximo Enterprise Adapter)
    - End Points
    - External System
    - Integration Controls
    - Object Structures
    - Publish Channels
      - Outbound Interfaces
    - Enterprise Services
      - Inbound Interfaces
    - Message Reprocessing
    - Message Tracking

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What's New in MEA SAP 7.1 released? – (cont.)

- Name changes in SAP
  - SAP mySAP2005 changed to "SAP ERP 6.0"
  - SAP XI changed to "SAP Process Integration (PI)"

- Changes in SAP Adapter
  - New BAPIs
    - SAP Purchase Requisitions (me51n)
    - SAP FI Invoices
    - SAP GL Postings
    - Time Reporting to CO
  - Enable SAP Adapter CO Posting report to run multiple times a day

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What's New in MEA SAP 7.5 released?

- Chart of Accounts (Inbound)
  - Supports multiple SAP Chart of Accounts in one Maximo DB
  - Maximo 7.5 enhanced General Ledger account structures which can be configured for multiple organizations in one Maximo DB
- Item Stock and Non-stock
  - Keeps all the SAP owned items as the stocked
  - Use REORDER flag to indicate the stock or Non-stock
- Purchase Order Revision (Inbound/Outbound)
  - SAP Adapter supports this new Maximo 7.5 enhancement in various inbound and outbound PR/PO/Receipts/Invoices integrations

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What's New in MEA SAP 7.5 released? – (cont.)

- **Receipt Tolerance**
  - SAP Adapter supports the following integrations for this new Maximo 7.5 enhancement
    - ITEM (INBOUND)
    - INVENTORY (INBOUND)
    - INVVENDOR (INBOUND)
    - PO (IN/OUTBOUND)
    - RECEIPTS (IN/OUTBOUND)
    - INVOICE (IN/OUTBOUND)

- Invoice Integrations
  - Centralizing Invoice within same Organization (Inbound/Outbound)
    - Maximo 7.5 enhanced invoice application. One invoice can have multiple purchase orders from different sites for one invoice site. SAP Adapter invoice integration no longer needs to split one invoice into multiple invoices in Maximo (Invoices from SAP to Maximo).
  - Invoice Reversals for the Approved/Paid Invoice (Inbound/Outbound)
    - Ability to reverse the original invoice that contains errors without a return of goods transaction.
  - Invoice General Ledger (G/L) Posting Date (Inbound/Outbound)
    - Added new G/L posting date to determine the financial period.

- Reservation (Outbound)
  - Supports Maximo Hard/Soft reservation by using SAP 'Requirement Urgency'

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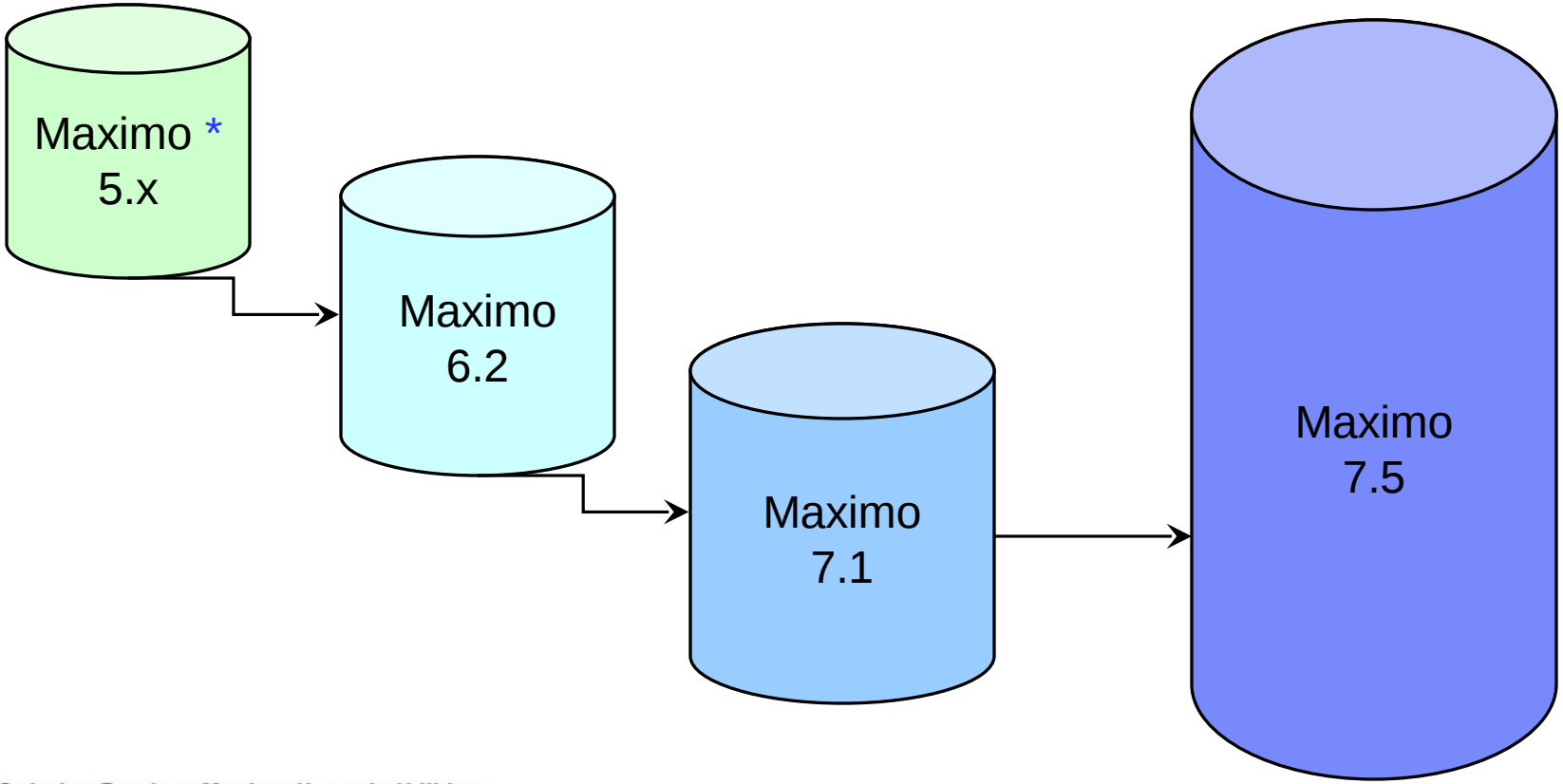
Upgrading to Maximo 7.5



* **Ordering Previous Maximo Upgrade Utilities**

To order the Maximo 4-5, 5-6 upgrade packages, please complete the attached Maximo Upgrade Request Document and email to mxprdreq@us.ibm.com.

MaximoProductRequestFormv5.doc

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Upgrading Maximo Enterprise Adapter for SAP Applications to 7.5

- Customers from MX 7.1 to 7.5
  - Customers on Maximo Asset Management version 7.1 must upgrade to version 7.5 and then install Maximo Enterprise Adapter for SAP Applications 7.5

- Customers from 6.2 to 7.5
  - Must do the Maximo 6.2 to 7.1 upgrade then install version 7.5, and finally install Maximo Enterprise Adapter for SAP Applications version 7.5

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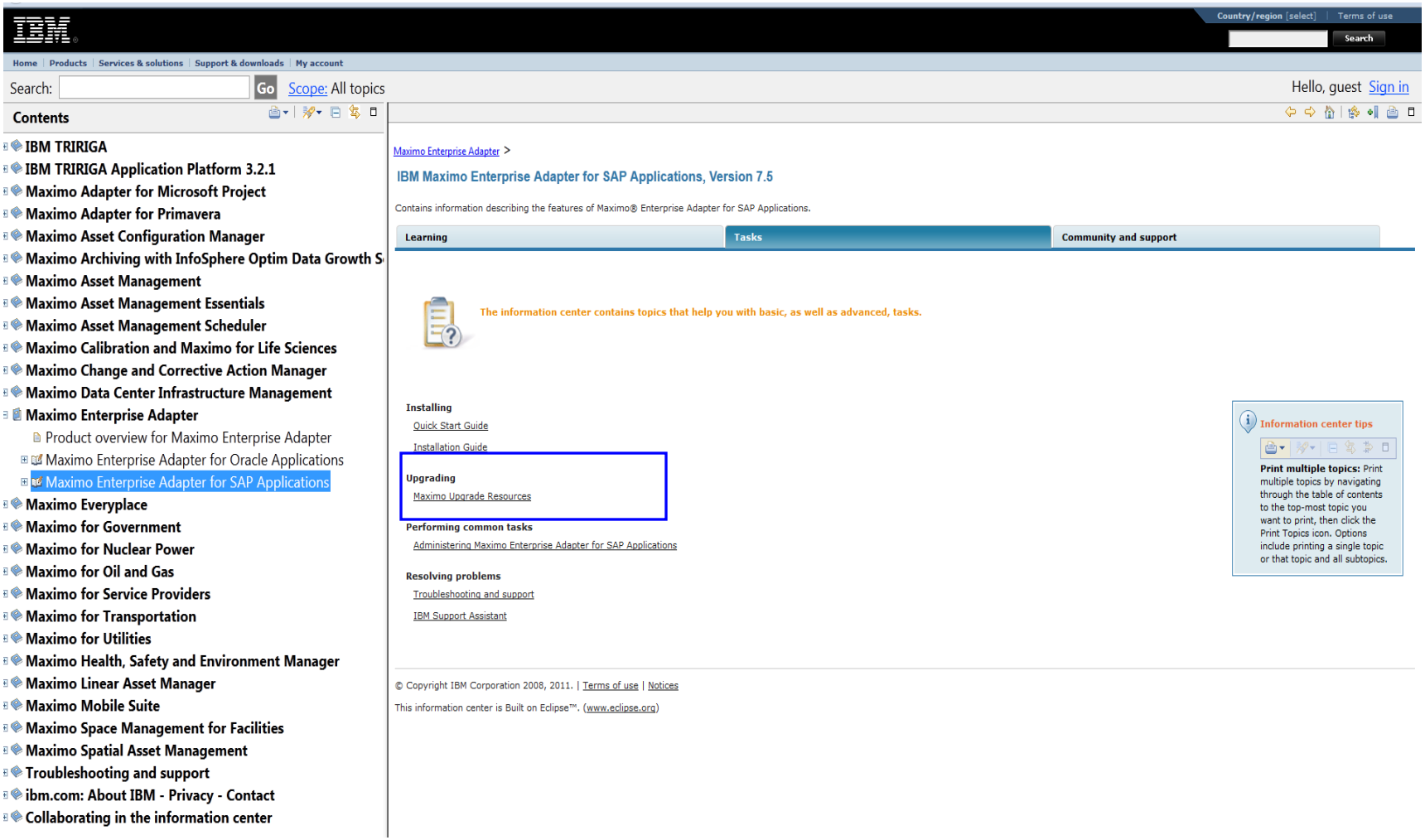
Maximo Upgrade Resources

http://pic.dhe.ibm.com/infocenter/tivihelp/v49r1/index.jsp?topic=%2Fcom.ibm.measap.doc%2Fwelcome.html



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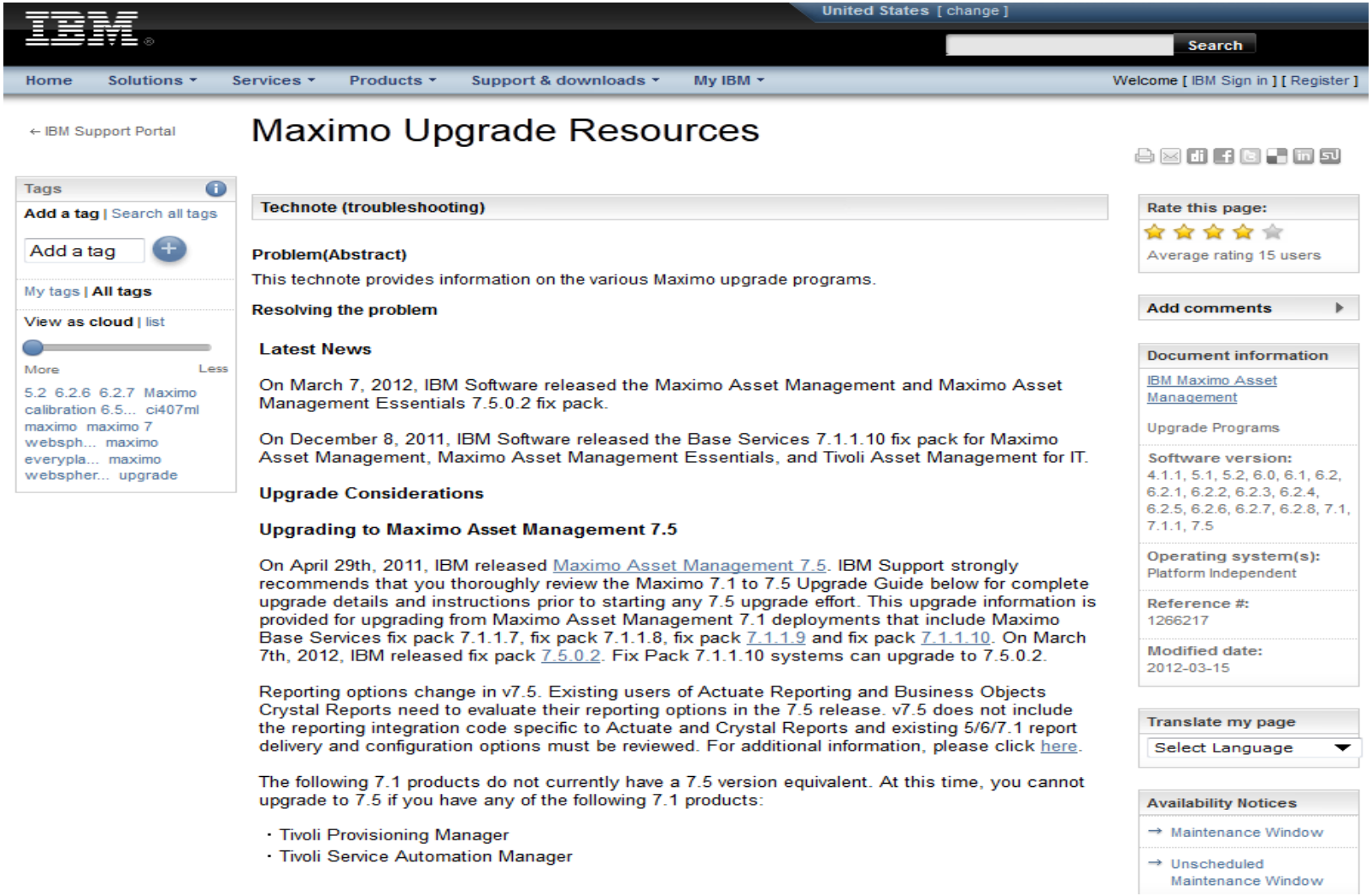
Maximo 7.5 Upgrade Resources



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Maximo Upgrade Resources

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5.2 6.2.6 6.2.7 Maximo calibration 6.5... ci407ml maximo maximo 7 websph... maximo everypla... maximo webspher... upgrade

Technote (troubleshooting)

Problem(Abstract)

This technote provides information on the various Maximo upgrade programs.

Resolving the problem

Latest News

On March 7, 2012, IBM Software released the Maximo Asset Management and Maximo Asset Management Essentials 7.5.0.2 fix pack.

On December 8, 2011, IBM Software released the Base Services 7.1.1.10 fix pack for Maximo Asset Management, Maximo Asset Management Essentials, and Tivoli Asset Management for IT.

Upgrade Considerations

Upgrading to Maximo Asset Management 7.5

On April 29th, 2011, IBM released Maximo Asset Management 7.5. IBM Support strongly recommends that you thoroughly review the Maximo 7.1 to 7.5 Upgrade Guide below for complete upgrade details and instructions prior to starting any 7.5 upgrade effort. This upgrade information is provided for upgrading from Maximo Asset Management 7.1 deployments that include Maximo Base Services fix pack 7.1.1.7, fix pack 7.1.1.8, fix pack 7.1.1.9 and fix pack 7.1.1.10. On March 7th, 2012, IBM released fix pack 7.5.0.2. Fix Pack 7.1.1.10 systems can upgrade to 7.5.0.2.

Reporting options change in v7.5. Existing users of Actuate Reporting and Business Objects Crystal Reports need to evaluate their reporting options in the 7.5 release. v7.5 does not include the reporting integration code specific to Actuate and Crystal Reports and existing 5/6/7.1 report delivery and configuration options must be reviewed. For additional information, please click here.

The following 7.1 products do not currently have a 7.5 version equivalent. At this time, you cannot upgrade to 7.5 if you have any of the following 7.1 products:

- Tivoli Provisioning Manager
- Tivoli Service Automation Manager

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Document information
IBM Maximo Asset Management
Upgrade Programs
Software version: 4.1.1, 5.1, 5.2, 6.0, 6.1, 6.2, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7, 6.2.8, 7.1, 7.1.1, 7.5
Operating system(s): Platform Independent
Reference #: 1266217
Modified date: 2012-03-15

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Availability Notices
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Maximo 7.5 Upgrade Resources – (cont.)

Ordering Previous Maximo Upgrade Utilities

To order the Maximo 4-5, 5-6 upgrade packages, please complete the attached Maximo Upgrade Request Document and email to mxprdreq@us.ibm.com.

MaximoProductRequestFormv5.doc

Maximo 7.5 Upgrade Documentation

What's New in version 7.5	http://bit.ly/iH1Pwu
Maximo 7.1 to 7.5 Upgrade Guide	mam_7.5_upgrade_guide.pdf
Database differences between Maximo 7.1.1.8 and 7.5	DBdiff75Comparedto7118.xls
Database differences between Maximo 7.1.1.7 and 7.5	DBdiff75Comparedto7117.xls

Maximo 7.1 Upgrade Documentation

What's New in version 7.1 Guide	what's new in release 71.pdf
Maximo 6 to 7.1 Upgrade Guide	6_to_7_upgrade_e16.pdf

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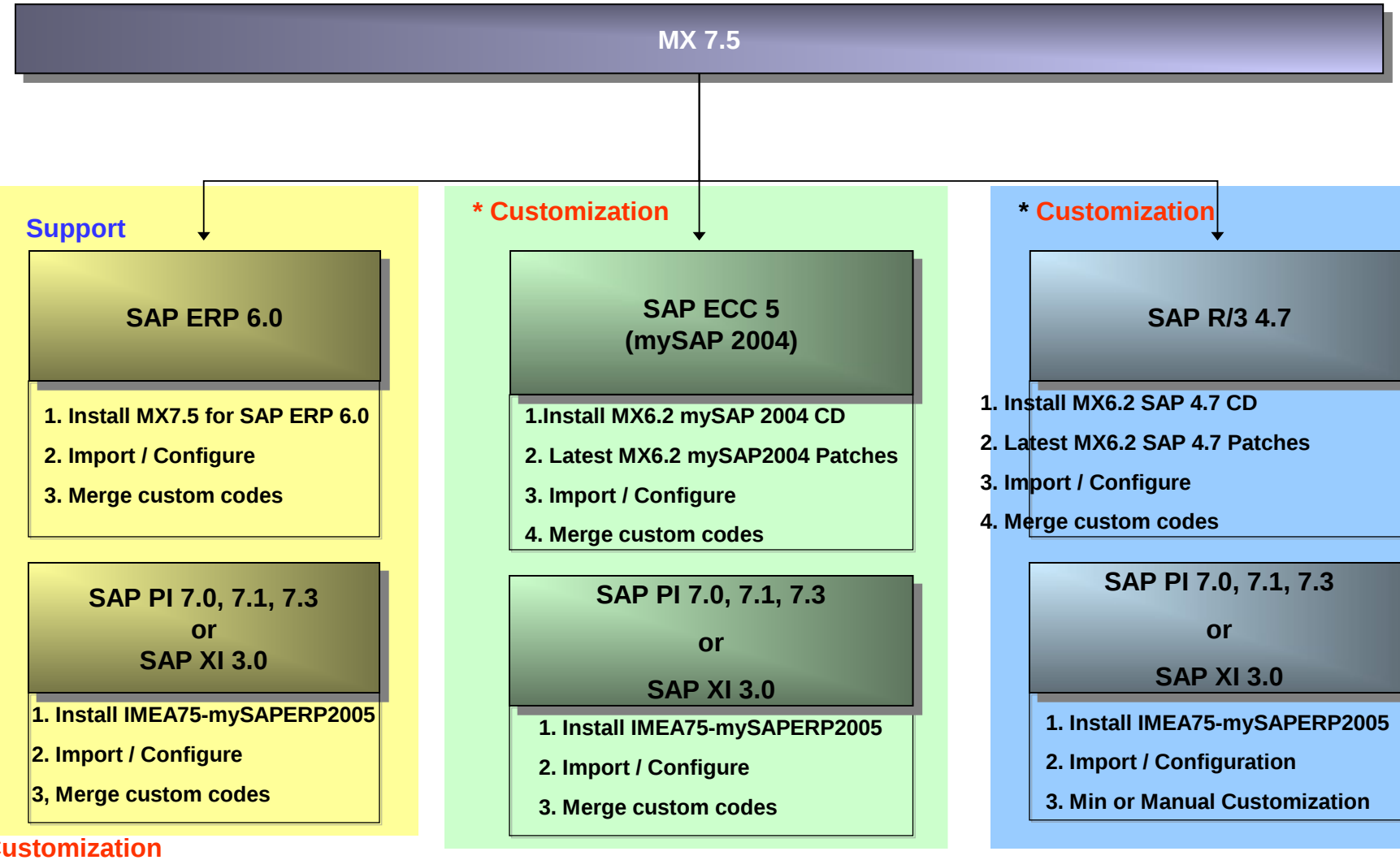
MX7.5 with Various SAP ERP & PI Versions



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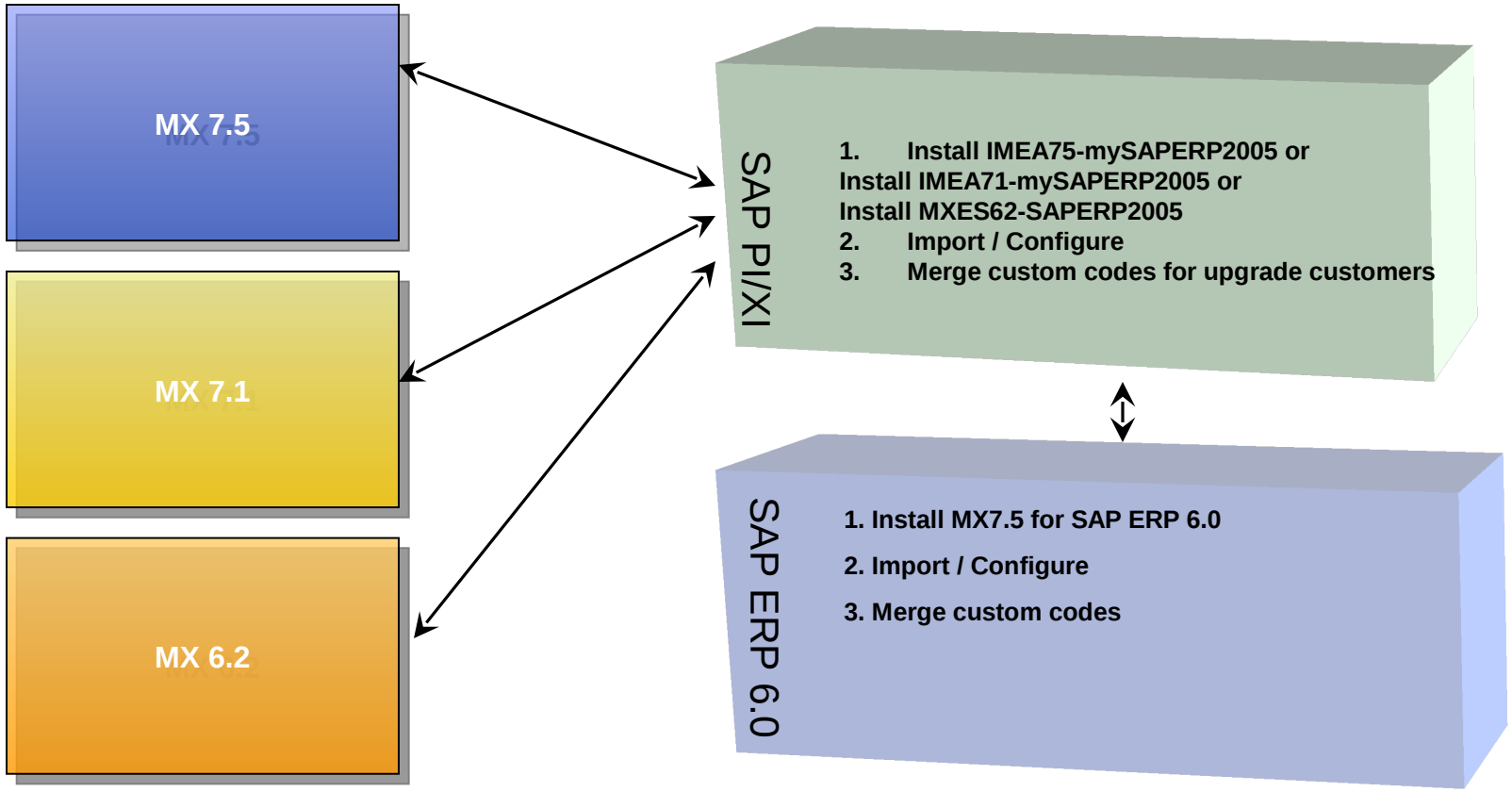
Multiple versions of Maximo with one SAP ERP & PI



Note: One SAP ERP could be connected to one Integration Server (Xi/PI) only.

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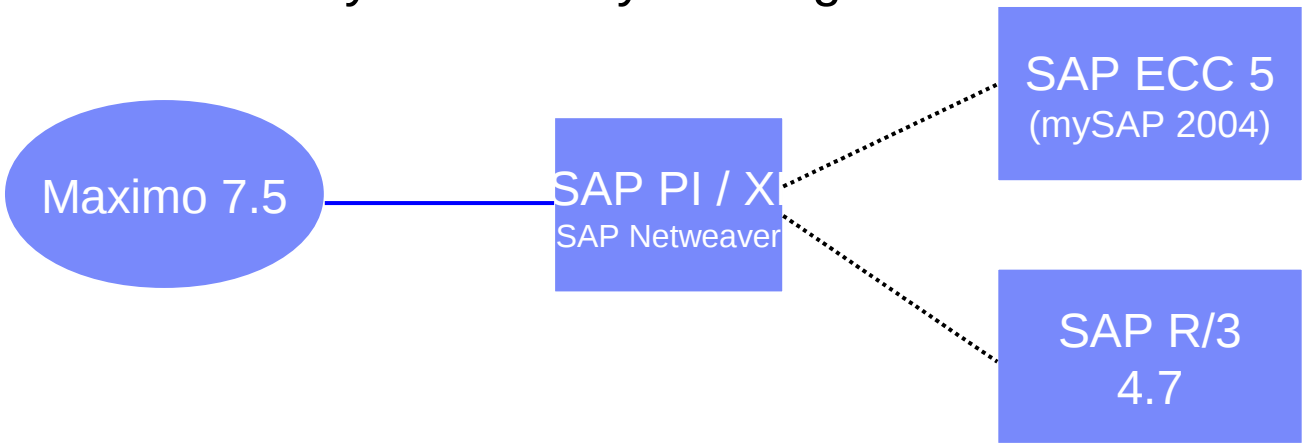
MX7.5 with a SAP version other than ERP 6.0

- What does IBM support when customers have implemented Maximo 7.5 with a SAP version other than ERP 6.0?
  - Any issues that can be reproduced in standard SAP Adapter version (SAP ERP 6.0) will have a hot fix provided to clients
  - If issues are not reproduced in standard SAP Adapter version then these issues are related to version specific customization. These issues may be fixed by working with IBM GBS.



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Reference Materials

- Information center
  - http://publib.boulder.ibm.com/infocenter/tivihelp/v49r1/topic/com.ibm.measap.doc/welcome.html
- Download doc
  - www.ibm.com/support/docview.wss?rs=3214&uid=swg24030003
- Support
  - www.ibm.com/support/entry/portal/Overview/Software/Tivoli//Maximo_Enterprise_Adapter_for_SAP
- Release Notes
  - http://publib.boulder.ibm.com/infocenter/tivihelp/v49r1/topic/com.ibm.measap.doc/common/relnotes.html
- Installation prerequisite
  - http://www.ibm.com/developerworks/wikis/display/maximo/Overview+and+Planning
- System Requirements
  - http://www.ibm.com/developerworks/wikis/display/maximo/System+Requirements+for+Maximo+Products

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Be Connected

- Service Management Connect (SMC)
  - https://www.ibm.com/developerworks/servicemanagement/
- Asset Management SMC
  - https://www.ibm.com/developerworks/servicemanagement/am/index.html
- Assets Management Support Community
  - http://www-304.ibm.com/support/docview.wss?uid=swg21418666
- Enterprise Adapter for SAP Applications
  - https://w3-connections.ibm.com/communities/service/html/communityview?communityUuid=93d540ab-fccf-4d14-ba8f-65c9b65acece

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QUESTIONS?

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Backup

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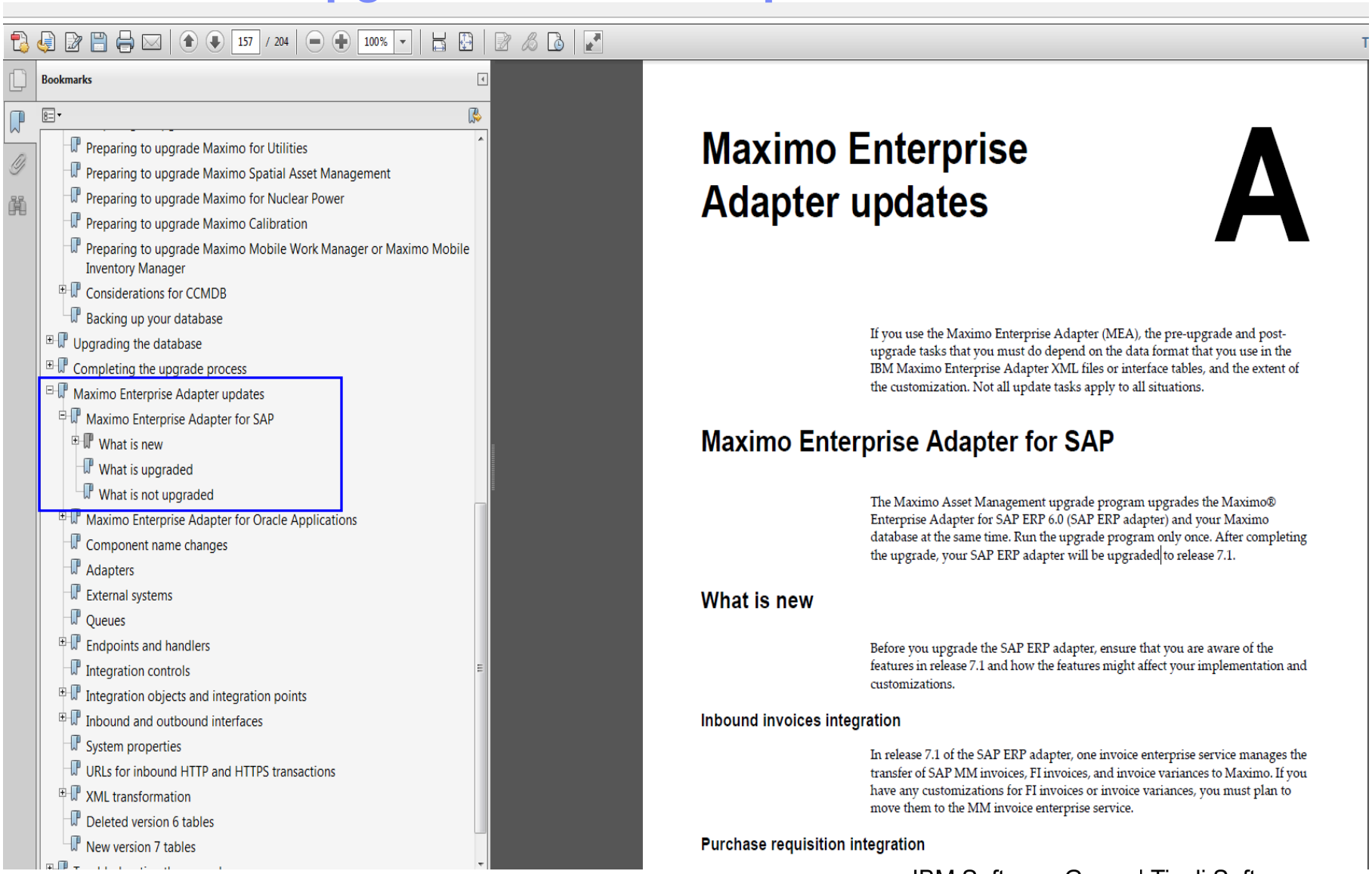
Pre and Post Upgrade of SAP Adapter from 6.2 to 7.1



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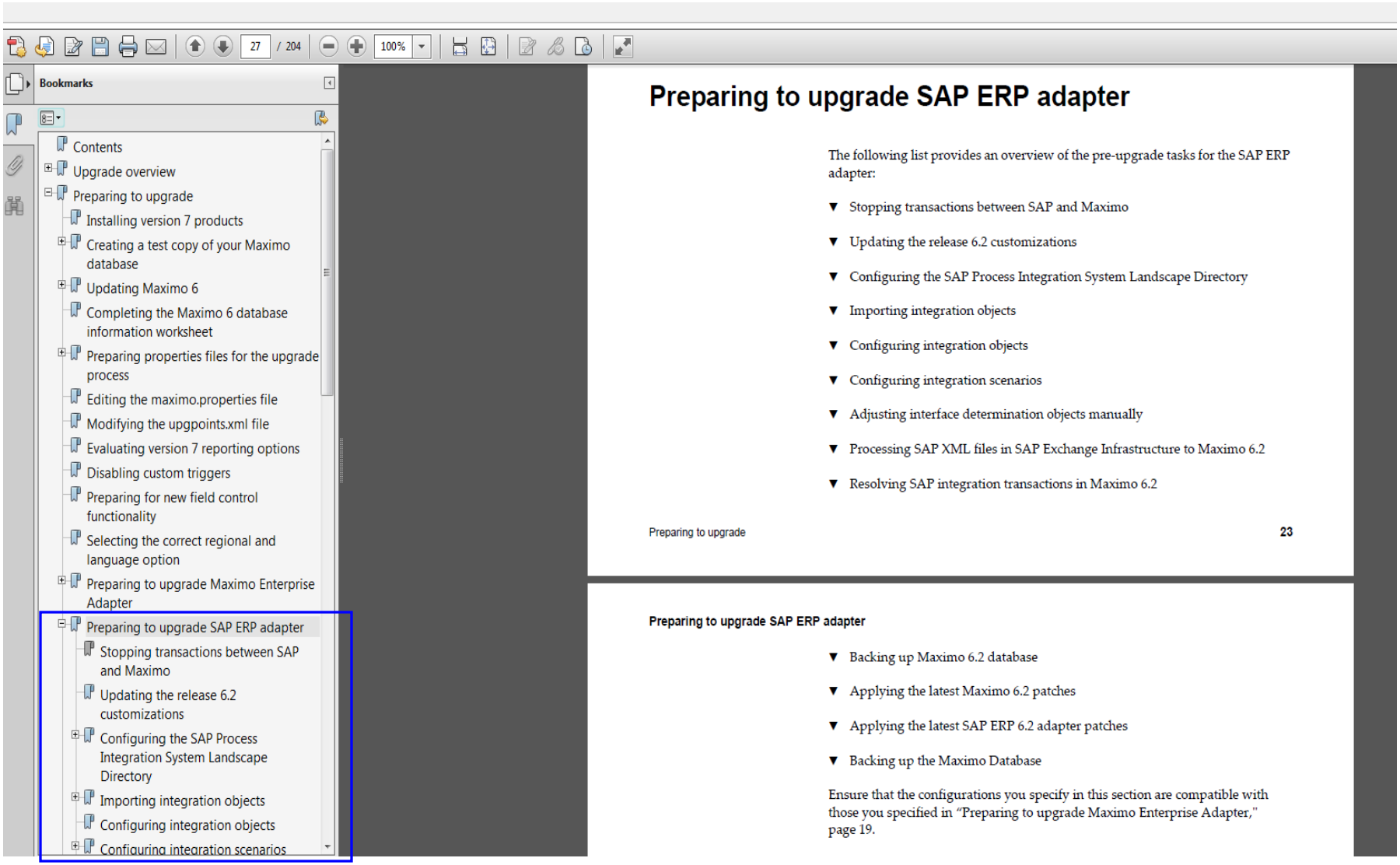
Preparing upgrade for MEA SAP Adapter from 6.2 to 7.1



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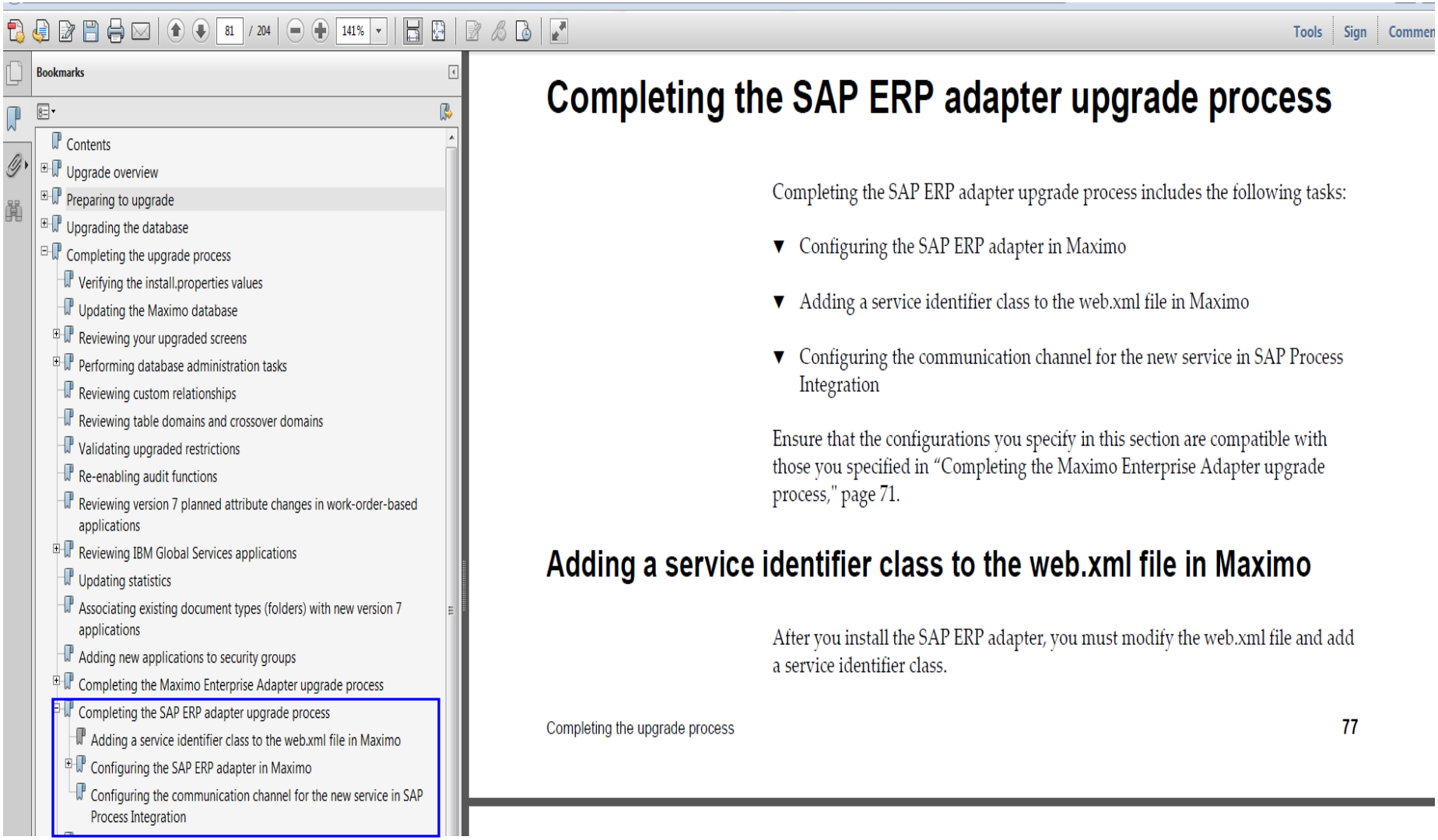
Completing upgrade for MEA SAP Adapter from 6.2 to 7.1



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