

How to Configure MDM Enrichment Controller in a Distributed MDM Environment



Applies to:

SAP MDM 5.5 SP06, SAP MDM 7.1, SAP NetWeaver WAS JAVA 7.0 . For more information, visit the [Master Data Management homepage](#).

Summary

This document contains the steps required for configuring SAP MDM Enrichment Controller in a Distributed MDM environment.

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Created on: 27 June 2009

Author Bio



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Introduction

This Whitepaper contains the steps required for configuring SAP MDM Enrichment Controller in a landscape where you have MDM Server, Import Server, Syndication Server and MDM WAS JAVA all on separate servers, but on same domain in your landscape.

This configuration has already been implemented by me and is used in a real time scenario.

Business Scenario

This guide will be helpful in the following scenarios

- 1) MDM Server, MDM Import Server, MDM Syndication Server and MDM WAS JAVA are all on different servers.
- 2) Enterprise Portal - WAS JAVA is used as MDM WAS JAVA.

Prerequisite

All components should be installed using a **Domain User**, especially SAP NetWeaver WAS JAVA which is going to be used as MDM WAS JAVA.

You have installed the below MDM & Enrichment Controller components referring the standard MDM Installation documents

www.service.sap.com/installmdm

<https://www.sdn.sap.com/irj/scn/go/portal/prtroot/docs/library/uuid/9018dc62-23a8-2910-b7ae-9023670c3a53?overridelayout=true>

MDM server 5.5 SP06

SAP NetWeaver WAS JAVA

MDMJAVAAPI06_*.sca

MDM_ENRICHMENT_CONTROLLER.sca

Configuration

In the **MDM_EnrichmentControllerConfiguration.xml** file present in the path **usr\sap\<SID>\MDM_EnrichmentController** of the MDM WAS JAVA server; you have to enter the following server parameters and other repository parameters

```
<!-- ***** -->
<!-- Repository section -->
<!-- repeat once for each repository -->
<!-- ***** -->
<MDM_Server name="MyMDMServer" password="MyMDSPass" distributionPath="\\DUSLEXMDM04\02\Program Files\SAP MDM 5.5\server\distributions">
  <!-- Name - enter here the host name of the MDM Server -->
  <!-- Password - (optional) enter here the MDM Server password, only if configured through the MDM Console -->
  <!-- MDS distributionPath - Import Server Distributions folder path (e.g. c:\Program Files\SAP MDM 5.5\server\distributions)-->
  <MDSS serverName="MyMDMServer"/>
  <!-- serverName - enter here the host name of the MDSS Server -->
  <MDIS serverName="MyMDMServer"/>
  <!-- serverName - enter here the host name of the MDIS Server -->
  <MDM_Repository name="myRepository" reconnectInterval.min=
    <!-- name - MDM Repository name as display in MDM Console -->
    <!-- reconnectInterval.min - Time DOS controller waits until next rec...
```

Import server name

If you have MDM and MDM WAS JAVA on different servers, it means that your MDM Distribution Path is not a local path for the MDM WAS JAVA. Hence your MDM EC Adapter will show that, the MDM Distribution path is not accessible.

To resolve this problem, perform the following steps

Step 1: Share the MDM Server Distribution Path

Share the MDM server's Distribution Folder with SAPService<SID> / <SAPSID>adm user.

This **SAPService<SID> / <SAPSID>adm** should be the domain user with which your MDM WAS JAVA is running.

If required add the SAPService<SID>/<SAPSID>adm user to the OS Administrator group on the MDM Server.

Step 2: Enter MDS, MDSS, MDIS Server name and other Repository parameters

Enter the IP Address/Full domain name for MDM Server, MDM Syndication and MDM Import Server in the MDM_EnrichmentControllerConfiguration.xml file

Step 3: Restart MDM EC Activity

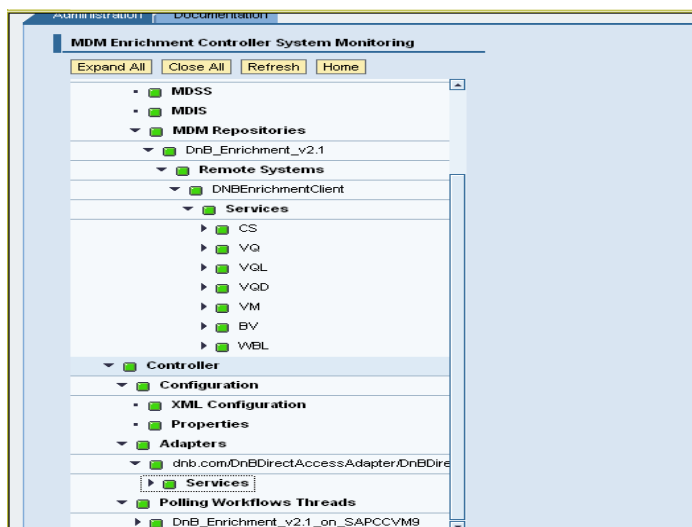
Restart the EC Activities using the below link –

http://<server>:<port>/webdynpro/dispatcher/sap.com/tc~mdm~enrichment~ui/MDM_EC



Step 4: Monitor System from MDM Enrichment Controller Administration

Ensure that the MDM Enrichment Controller System Monitoring screen shows all the elements in green as shown below



If Yes appears in the above screen appears for the MDM Distribution Path, then it implies that the enrichment controller and adapter are setup properly to work in the Distributed environment.

Related Content

The above deployment of the MDM SCA files is supported in OSS component **EP-PCT-MDM**

<http://service.sap.com/installMDM>

<https://www.sdn.sap.com/irj/scn/go/portal/prtroot/docs/library/uuid/9018dc62-23a8-2910-b7ae-9023670c3a53?overridelayout=true>

For more information, visit the [Master Data Management homepage](#).

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