

SAP BASIS

Tuesday, September 27, 2016

ADS Configuration in Netweaver 7.4:-

ADS Configuration in Netweaver 7.4

Introduction

Adobe Document Services (ADS) are an SAP NetWeaver solution extension included in the SAP NetWeaver usage type Application Server (AS) Java. To process forms in an ABAP environment, the ABAP transaction dynpros or Web Dynpro ABAP applications call the ADS. The generation of forms is based on form templates designed with Adobe LiveCycle Designer and business data provided by the applications. Once installed on the AS Java, the ADS need to be configured in order to be available for form processing.

1. Users creation

If UME on AS Java

In Identity Management <http://hostname:port/useradmin>

- Add action "AdobeDocumentServices (ADSCaller)" to role SAP_ADSCALLER
- Create ADSCALLERS group and assign role SAP_ADSCALLER
- Create ADSUSER, select Security Policy "Technical User" and assign group ADSCALLERS

Log on to the AS ABAP with an admin user, in the client that is used for the ADS configuration and go to transaction SU01:

- Create user ADSUSER and select user type "System"
- Create user ADS_AGENT, select user type "System" and assign roles SAP_BC_FP_ICF, SAP_BC_FPADS_ICF and SAP_BC_JSF_COMMUNICATION

Important: profile of these roles must be generated.

Go to transaction PFCG:

Create a role ADSCALLERS (no authorizations required) and assign user ADSUSER to it.

If UME on AS ABAP

Log on to the AS ABAP with an admin user, in the client that is used for the UME authentication and go to transaction SU01:

- Create user ADSUSER and select user type "System"
- Create user ADS_AGENT, select user type "System" and assign roles SAP_BC_FP_ICF, SAP_BC_FPADS_ICF and SAP_BC_JSF_COMMUNICATION

Important: profile of these roles must be generated.

Go to transaction PFCG:

Create a role ADSCALLERS (no authorizations required) and assign user ADSUSER to it.

In Identity Management <http://hostname:port/useradmin>

- Add action "AdobeDocumentServices (ADSCaller)" to role SAP_ADSCALLER
- Add ADSUSER to role SAP_ADSCALLER
- Make sure that the ADSUSER is "Technical User" and added to group ADSCALLERS

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2. AS Java configuration

2.1 Web service destination

Start the SAP NetWeaver Administrator via the address <http://hostname:port/nwa>
Choose SOA  Technical Configuration  Destination Template Management



Choose New





Choose Destination Type **WSIL**
Enter **ConfigPort_Document** as Destination Name
Enter URL <http://hostname:port/inspection.wsil> (*hostname* is the AS Java hostname in which the Adobe Document Services are installed and *port* is the HTTP port of the AS Java)



Choose Authentication **HTTP Authentication** and select **UserID/Password (Basic)**
Enter User ID **adsuser** (with the password that you created)
Then choose Finish to save



2.2 HTTP destination

Start the SAP NetWeaver Administrator via the address <http://hostname:port/nwa>
Choose SOA  Technical Configuration  Destinations



Choose Create...



Enter **FP_ICF_DATA_<SID>** as Destination Name (<SID> is the AS ABAP SID)
Choose Destination Type **HTTP**
Choose Next



Enter URL <http://ABAPhostname:port> (*ABAPhostname* is the AS ABAP hostname)
Enter the SID and productive client of your AS ABAP system



Choose Authentication **Basic (User ID and Password)**
Enter User Name **ads_agent** (with the password that you created)
Then choose Finish to save



2.3 Reader Rights Credential

If you want to create interactive forms, you need a Reader Rights Credential (usage rights credential). For more information please follow this link: [Applying a Reader Rights Credential to PDF Forms - Configuring Adobe Document Services for Form Processing \(ABAP\) - SAP ...](#)


3. AS ABAP configuration

3.1 RFC

Call transaction SM59  Choose Create

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ADS Installation and Configuration in NW7.3 or higher
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Sample Text


- Enter at least the following:
- RFC destination: **ADS**
 - Connection type: **G**
 - Target Host: Enter the host name of the J2EE Engine that runs the Adobe document services or of the SAP Web dispatcher if applicable
 - Service No.: Enter the HTTP port number of the Target Host you have specified (The following naming convention applies: 5<J2EE_instance_number>00 (50000, for example, if your J2EE instance is 00)
 - Path Prefix: **/AdobeDocumentServices/Config?style=rpc**



Choose the Logon/Security tab, select Basic Authentication
In the User and Password boxes, enter the user name ADSUSER and the password
Save your settings



3.2 Activating the ICF services

Call transaction SICF  Activate the following services:
default_host → sap → bc → fp
default_host → sap → bc → fpads

4. Configuration check and Troubleshooting

Call transaction SA38 and execute the program FP_TEST_00.
If the FP_TEST_00 form is displayed in the print preview, the ADS configuration is correct.

Call transaction SA38 and execute the program FP_PDF_TEST_00.
This enables you to check the RFC connection to ADS.
If the system displays the version number of ADS, the configuration of the RFC connection is correct.

Call transaction SA38 and execute the program FP_CHECK_DESTINATION_SERVICE without and with selecting the option "With Destination Service".
If the file size of the generated PDF is displayed the ADS configuration is correct.
If you get this error message:

SYSTEM ERROR: ADS: com.adobe.ProcessingException: com.adobe.ProcessingException: XMLFM Exception during render: com.adobe.ProcessingException(200.101).
Exception of class CX_FP_RUNTIME_INTERNAL please follow this link: [ADS configuration error FP_CHECK_DESTINATION_SERVICE fails](#)

If one of these reports does not work please refer to [SAP Note 944221](#) for Adobe Document Services troubleshooting.

Posted by [Unknown](#) at [1:38 PM](#)

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