

[Home](#)[SAP HANA](#)[ABAP](#)[Java](#)[SAP PI](#)[SAP BW](#)[OS Administration](#)[HANA Tutorials.com](#)[MORE](#)

## **ADS configuration/connectivity test**

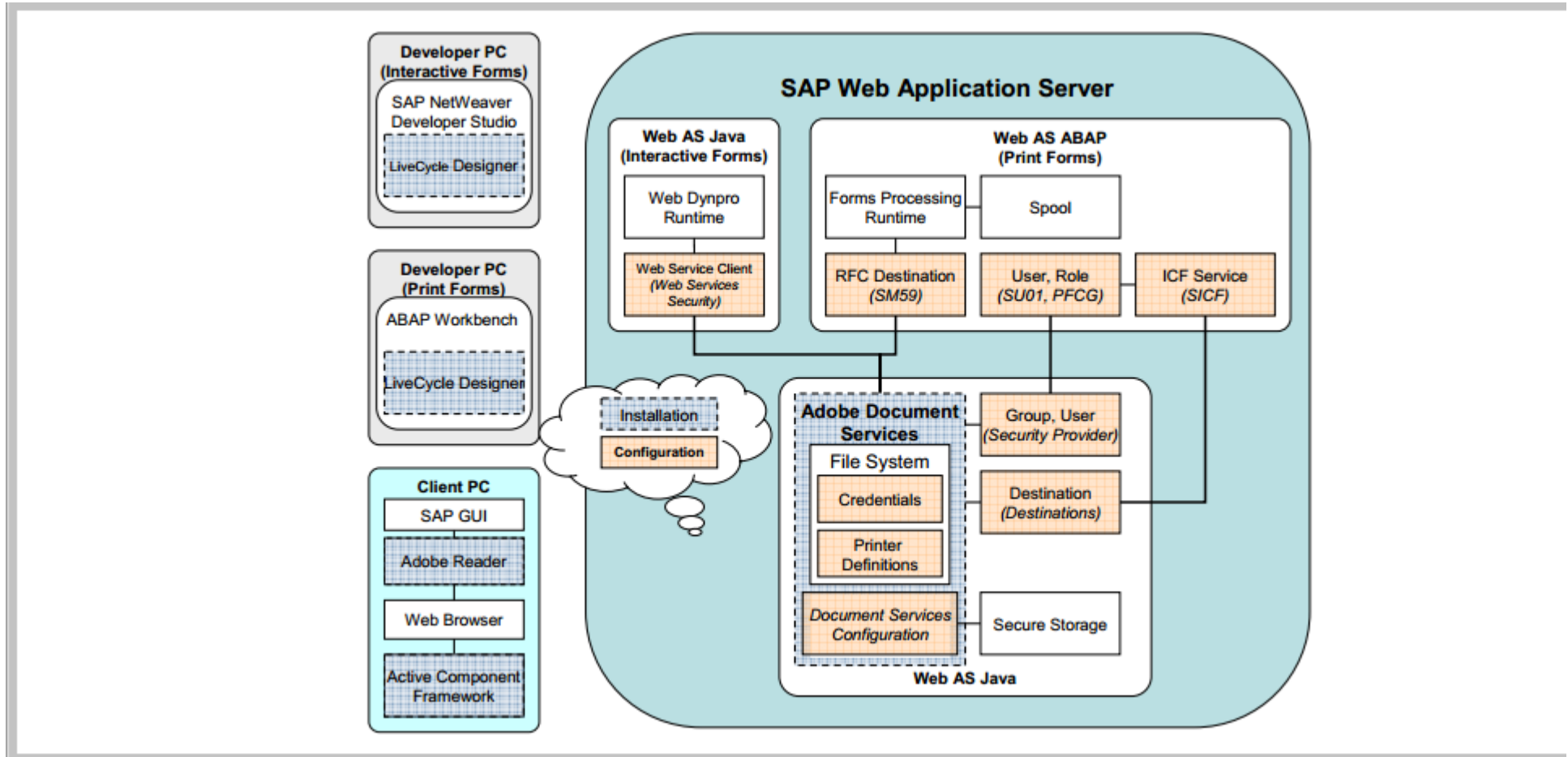
### **Adobe® document services**

Adobe® document services enhance the document handling capabilities of SAP Web Application Server (SAP Web AS). Adobe document services allow SAP applications (either Java or ABAP) to take advantage of the full range of capabilities in Adobe Acrobat® Professional, Adobe Acrobat Standard, and Adobe Reader®. These capabilities enable SAP customers to:

- Create and deploy interactive forms that look exactly like their paper counterparts
- Work with forms in online and offline scenarios
- Annotate PDF documents and collaborate on PDF document reviews
- Generate dynamic PDF documents from data contained in the SAP system
- Capture data using forms and import that data directly into the SAP system
- Allow users to digitally sign PDF documents
- Embed other file formats inside PDF documents as attachments

**The gadget spec URL could not be found**

## Architecture diagram



## Configuration Check for PDF-Based Forms in ABAP

We will be performing following tests

1. Checking by Executing Test Report FP\_TEST\_00
2. Check the ABAP Connection

### 3.Check the User and Password

### 4.Checking the Destination Service and the ICF Service

The gadget spec URL could not be found

#### 1. Checking by Executing Test Report FP\_TEST\_00

This test report checks if your system is configured correctly for processing forms in an ABAP environment.

1.1 Call transaction SA38 or SE38 and enter the name FP\_TEST\_00 and press F8(Execute).

1.2 You will get similar screen like below (Note: The **ADS** connection name can vary , generally its used as it is).

## Form Processing: Central Test Program



|                        |            |  |
|------------------------|------------|--|
| Form                   | FP_TEST_00 |  |
| Language               | DE         |  |
| Country                | DE         |  |
| Number of Output Pages | 2          |  |
| Number of Documents    | 1          |  |

|                |     |
|----------------|-----|
| ADS Connection | ADS |
|----------------|-----|

1.3 Execute the report and you will get prompt to enter output device detail. You can enter "LOCL" as printer name if its defined in SAP and then press **Print Preview**.

Print: ✕

Output Device LOCL 📄

**Spool Request**

|                 |        |  |  |
|-----------------|--------|--|--|
| Name            | PBFORM |  |  |
| Cover Page Text |        |  |  |
| Authorization   |        |  |  |

**Spool Control**

|  |
|--|
| <input type="checkbox"/> Print Immediately                 |
| <input type="checkbox"/> Delete After Output               |
| <input type="checkbox"/> New Spool Request                 |
| <input type="checkbox"/> Close Spool Request               |
| Spool Retention Per. <input type="text" value="8"/> Day(s) |
| Storage Mode <span>Print only</span> ▼                     |

**Number of Copies**

|                  |                                |
|------------------|--------------------------------|
| Number of Copies | <input type="text" value="1"/> |
|------------------|--------------------------------|

**Cover Page Settings**

|                |                             |
|----------------|-----------------------------|
| SAP Cover Page | <span>Do Not Print</span> ▼ |
| Recipient(s)   |                             |
| Department     |                             |

🖨️ Print 📄 Print Preview ✕

1.4 If you see similar screen like below than its confirmed that your system is configured properly to user ADS.

Line 1 on page 1

Line 2 on page 1

Line 3 on page 1

Line 4 on page 1

Line 5 on page 1

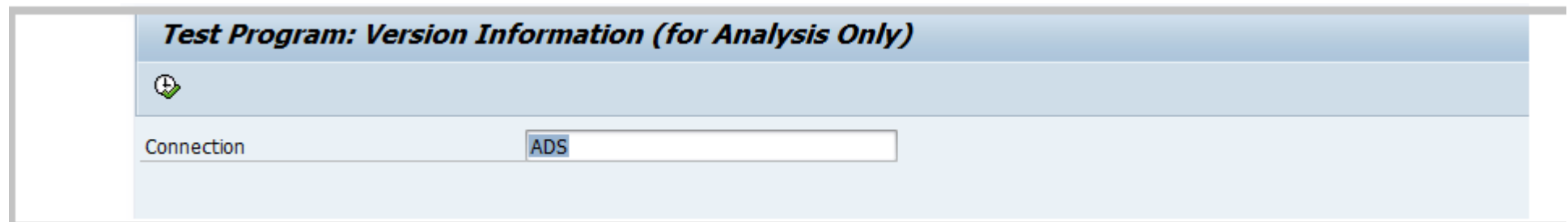
Line 6 on page 1

## 2.Check the ABAP Connection

This is a test for checking the RFC destination. This test applies to both connections using Basic Authentication and SSL connections.

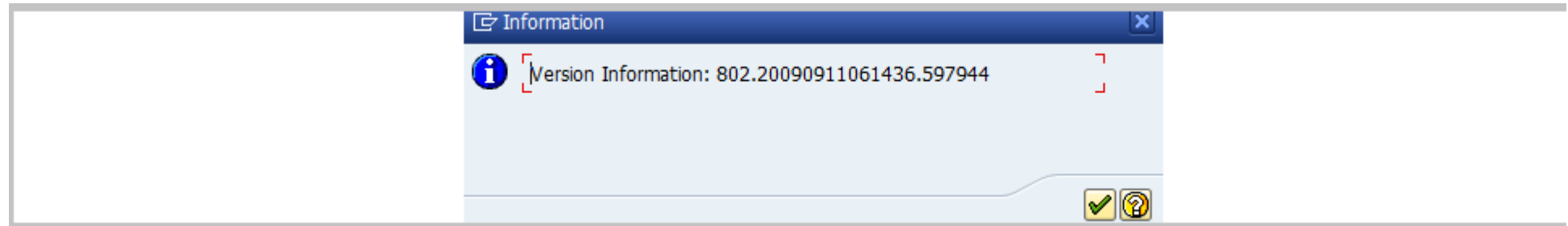
2.1 Call transaction SA38 or SE38. Enter the name of the test report **FP\_PDF\_TEST\_00** and press F8(Execute).

2.2 Enter the name of the connection. Enter the default connection name **ADS**, or, if you have specified another name, the one you are using in your system press F8 (Execute)



The screenshot shows a SAP dialog box titled "Test Program: Version Information (for Analysis Only)". It features a green checkmark icon in the top left corner. Below the title bar, there is a label "Connection" followed by a text input field containing the value "ADS".

2.3 You should see similar screen like below showing version information, this confirms that your RFC destination is working fine.



**The gadget spec URL could not be found**

### **3.Check the User and Password**

This is a test for checking whether the entries for the user, security role, and passwords are correct in a system that uses Basic Authentication.

3.1. Enter the following URL in your Web browser: **http://<server>:<port>/AdobeDocumentServices/Config** where <server> is the name of the J2EE engine where the Adobe document services are installed, and <port> is the port of the J2EE engine. You will see similar screen like below.





THE BEST-RUN BUSINESSES RUN SAP



Home

Overview

WSDLs

Test

## AdobeDocumentServices

### Overview

#### WSDL:

http://i:51000/AdobeDocumentServices/Config?wsdl

#### Description:

Description not specified

#### UDDI Publications:

Service is not published

Need Help?

### Overview

This page provides information about your service.

Use the menu above for navigation.

Web Services @ SAP

3.2 On the Web page of the Web service AdobeDocumentServices go to **Test**. You will get below screen.



## AdobeDocumentServices

### Test

ConfigPort\_Document

Operations

**rpData** (test.types.p1.RpData parameters)

Need Help?

### Test

Using the Test page you can test your Web Service by sending a client request.

The first step is to choose which web service operation to test.

For each endpoint a tab page is created with the available operations.

3.3 Choose **rpData(test....)**. Choose the **Send** button without entering any parameters.

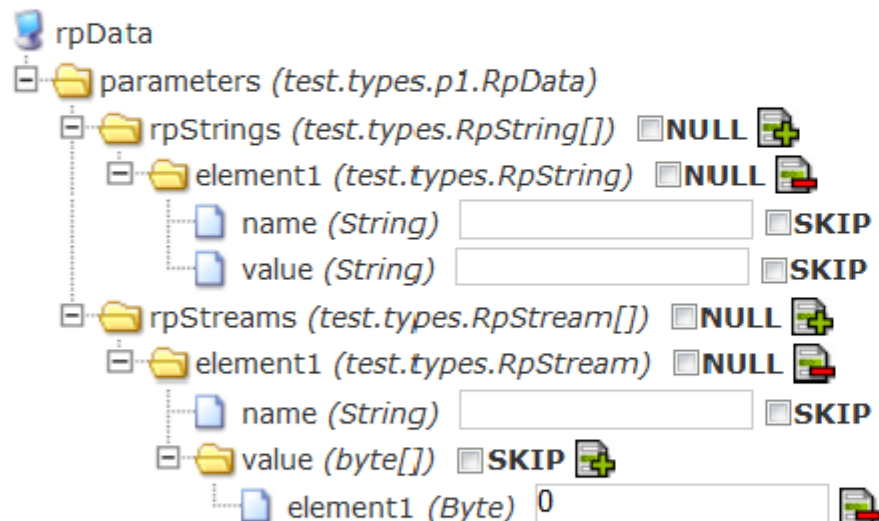


Home

Overview

WSDLs

Test

Timeout (seconds): 

Need Help?

### Test Operation

The shown tree represents the operation parameters and their structures.

The checkbox "NULL" means the current parameter/field will be sent as NULL if selected.

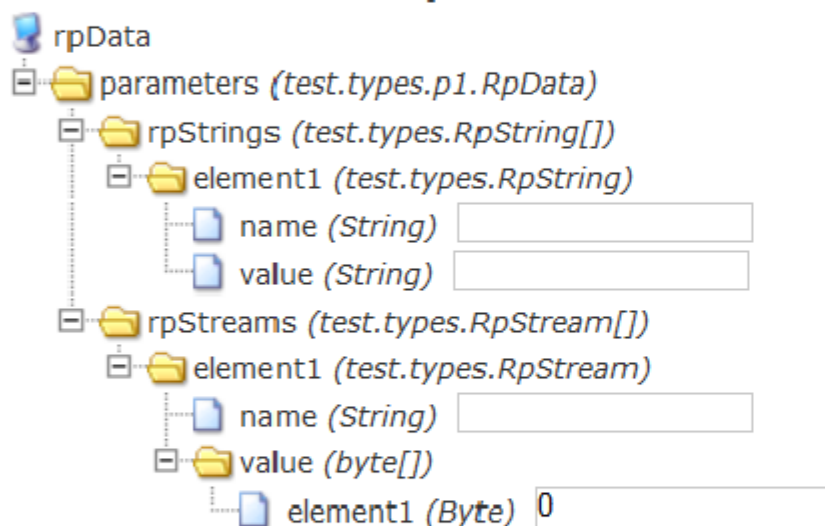
Use the plus icon in order to add more elements to an array and the minus icon to remove an element from the array.

When finished with the filling of the operation parameters, click the Send button and the request will be sent to the real endpoint.

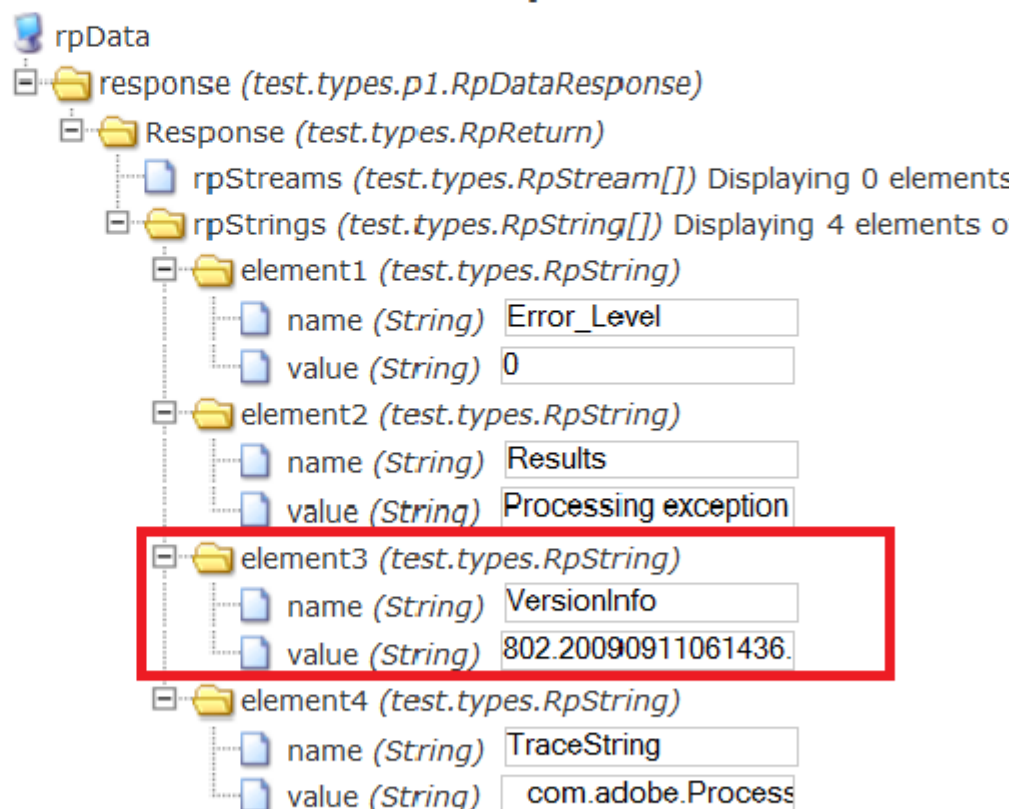
Web Services @ SAP

- 3.4 Enter the user name and password provided in the **ADS RFC** in the connecting (ECC or BW ABAP) system and hit submit.
- 3.5 If the configuration is correct, the system displays the **version number of the Adobe document services** in the response area.

## Request



## Response



```

POST /AdobeDocumentServices/Config?style
Host: :51000
Content-Type: text/xml; charset=UTF-8
Connection: close
Authorization: <value is hidden>
    
```

```

HTTP/1.1 200 OK
Connection: close
Set-Cookie: <value is hidden>
Set-Cookie: <value is hidden>
Server: SAP J2EE Engine/7.01
    
```

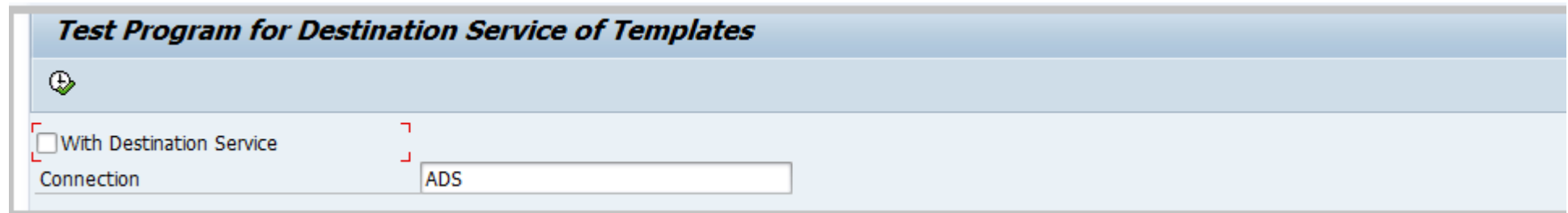
#### 4. Checking the Destination Service and the ICF Service

Using this test you can check if the complete configuration of the destination service and the ICF service is correct. There are two test reports available:

- A. **FP\_CHECK\_DESTINATION\_SERVICE** : This report checks the configuration of the destination service and the ICF service **sap/bc/fp**
- B. **FP\_CHECK\_HTTP\_DATA\_TRANSFER** : This report checks the configuration of the destination service and the ICF service **sap/bc/fpads**.

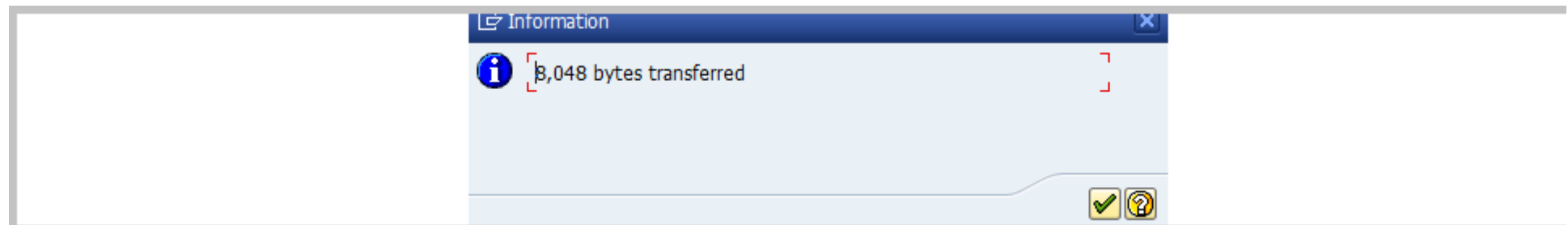
You only need this service, if AS ABAP and AS Java (with ADS) are installed in different systems

4.1 Call transaction SA38 /SE38 & Enter the name of the test report and execute without checking "**With Destination Service**" option.



The screenshot shows a SAP dialog box titled "Test Program for Destination Service of Templates". It features a green clock icon in the top left corner. Below the title bar, there is a checkbox labeled "With Destination Service" which is currently unchecked. To the right of this checkbox is a text input field labeled "Connection" containing the value "ADS".

4.2 The system renders a test form in the background without using the destination service and displays the size of the created PDF.



The screenshot shows a SAP "Information" dialog box. It has a blue header bar with the word "Information" and a close button. The main area contains an information icon (a blue circle with a white 'i') followed by the text "3,048 bytes transferred". At the bottom right of the dialog, there are two icons: a green checkmark and a yellow question mark.

- 4.3 Execute the test again for the same report. Now select the option With Destination Service If the settings of the destination service are correct,  
the system displays the same message as before.
- 4.4 Execute the same test with the other report and you should see similar output.

Reference:

[http://help.sap.com/saphelp\\_nw70ehp2/helpdata/en/6f/8e0a414f3af223e10000000a155106/content.htm](http://help.sap.com/saphelp_nw70ehp2/helpdata/en/6f/8e0a414f3af223e10000000a155106/content.htm)  
<http://scn.sap.com/docs/DOC-1242>

SAP BASIS , SAP ADMINISTRATION , BASIS , SAP BASICS . SAP TUTORIALS , SAP  
SCREENS , SAP .

Thanks for visiting our site.

If you would like to contribute then please send your documents to [admin@sapbasistuts.com](mailto:admin@sapbasistuts.com).

**HANA Tutorials.com**

**L e a r n H A N A**