



CERTIFICATE

SAP INTEGRATION CERTIFICATION

SAP[®] Certified
Integration with SAP NetWeaver[®]

SAP AG

hereby confirms that the interface software component **Interface for IBM Content Collector** version **V2.2**

for the product **IBM Content Collector** version **V2.2**

of the company **IBM Deutschland Research & Development**

has been certified for integration with **SAP NetWeaver 7.01** via the SAP integration scenario **BC-AL HTTP CS 6.20 – SAP ArchiveLink Integration**.

This certificate confirms the existence of product functionality in accordance with SAP certification procedures. It does not guarantee that the product is error-free.

The certification test is documented in report no. 14017662 and expires Februar 7, 2014.

Vendor Hardware: AMD (Opteron) (64 Bit)

Vendor Operating System: Red Hat Linux current 64Bit Version

Storage System: Database

This configuration meets the requirements for connecting IBM Content Collector to SAP NetWeaver.

Certified Functions:

HTTP Content Server functionality

SAP Content Server Cache functionality

OLE Frontend functionality

Barcode BAPI

Solution Manager Ready Functionality

Waldorf, Februar 8, 2011

Dirk Michael Schulze - SAP AG

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Interface Certification

BC-AL HTTP CS Archiving and Imaging Integration Linux 64 Bit Test Report



Version 6.20

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Interface Certification Project #14017662

SAP Interface Release: BC-AL HTTP CS 6.20
SAP Product Release: SAP NetWeaver 7.01

Name of Vendor: IBM Deutschland Research & Development
Vendor Number: 9675429

Product Name: IBM Content Collector
Product Version: V2.2
Product Number (SAP internal): 9249194

Software Component Name: Interface for IBM Content Collector
Software Component Version: V2.2

Hardware used for Vendor Test System: AMD (Opteron) (64 Bit)
Operating System of Vendor Test System: Red Hat Linux current 64Bit Version
Storage System used for Vendor CS: Database (64 Bit)

Certification Date: Februar 8, 2011
Expiration Date: Februar 7, 2014
Location: Walldorf
Persons present - Vendor: Mr. Siegfried Beuttler
Mr.

Person present - Certification: Dirk Michael Schulze - SAP AG
Person initiated certificate - SAP: Dirk Michael Schulze - SAP AG

Certified Functions:

- HTTP Content Server functionality
- SAP Content Server Cache functionality
- OLE Frontend functionality
- Barcode BAPI
- Solution Manager Ready Functionality
- AL-LOAD Test performed with Key Figures

Documents/hour
% CPU utilization (Content Server)

(see OSS Note for more details)

1. HTTP Content Server Communication

Function	Chapter in test catalog	Rating	Note
RSCMST (all subtest in sequential order)	4.1	O.K.	
Print List execution and access	4.2	O.K.	
Outgoing Document simple Stress test (requirements for successfully passing this test step see current Test-Plan)	4.3	O.K.	
Function Modules single test (this test may only be performed on upcoming problems, otherwise this step has been done with RSCMST)	4.4	O.K.	

Additional comments:
none

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Requirements detailed in Section 1 were met. On the certificate entry „HTTP Content Server functionality“ appears under „Certified functions“.

Requirements detailed in Section 1 were not met. A new testing appointment was agreed for <Date Retest>.

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2. OLE 2.0 Automation

Function	Chapter in test catalog	Rating	Note
Single stage archiving (Archive in dialog)	6.1	O.K.	
Single stage archiving (Display archive object)	6.2	O.K.	

Additional comments:

none

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Requirements detailed in Section 2 were met. On the certificate entry „OLE-front-end functionality” appears under „Certified functions“.

Requirements detailed in Section 2 were not met. A new testing appointment was agreed for <Date Retest>.

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3. Barcode

Function	Chapter in test catalog	Rating	Note
Realize client program „BARCODE_BAPI_SENDLIST“ Confirm several barcodes, correct entry in /oam1	7.1	O.K.	
Correct error handling by the archive system	7.2	Not tested	Test was not possible

Additional comments:
none

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Requirements detailed in Section 3 were met. On the certificate the entry „Barcode-BAPI“ appears under „Certified functions“.

Requirements detailed in Section 3 were not met. A new testing appointment was agreed for <Date Retest>.

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4. AL-Load Test - System Environment details (Optional)

(These entries will appear in the OSS Note)

A. VENDOR SYSTEM

Content Server OS:	Windows 2000
Number of CPU's:	
CPU Speed:	
Total Main Memory:	GB
Database:	Oracle 9i DB Name

B. SAP SYSTEM

SAP System Release:	SAP R/3 Enterprise 4.7 IDES
Operating System:	Windows 2000
Number of CPU's:	
CPU Speed:	
Total Main Memory:	GB
LAN-Speed:	
Number Dialog WP:	
Number Background WP:	
Database:	Oracle 9i

5. AL-LOAD Phase One – Store Documents (Optional)

Print List creation with report ZAL_STRESS_PRI_LIST

A Print List will generated with exactly 46.000 pages the description file will be generated automatically

Job-Name:
Data file size: MB
Description file size: MB
Archiving time: seconds

Step was successful: No
Remarks:

Mass Test with report ZAL_STRESS_OUT_DOC

Number of Jobs:
Variant Name:
Document Count:
Archiving time: seconds
Documents Processed:
CPU utilization CS: %
CPU utilization R/3: %
Number of Documents per hour:

Step was successful: No
Remarks:

Data Archiving

A Data Archiving run will be simulated which generates 16 Data files, each Data File will be archived with a separate Background Job (TA SARA and SARI)

Number of Data files:
Data file size total: MB
Archiving time: seconds

Step was successful: No
Remarks:

6. AL-LOAD Phase Two – Access Documents (Optional)

Accessing stored Print List

The Print List will be accessed at the beginning, in the middle and on the end within the 46.000 pages using attribute search functionality on the description file.

FM Scms_http_attr_search:

Page Numbers:
Position in Descr. File:
Length in Byte:
Access time: msec

Step was successful: No
Remarks:

FM Scms_http_get:

Page Numbers:
Position in Descr. File:
Length in Byte:
Access time: msec

Step was successful: No
Remarks:

Total Access time per attribute search access: msec

Retrieval of archived Documents randomly

Several Clients will retrieve documents in a sequential order simultaneously.

FM Scms_http_get:**Number of Clients:****Number of Documents:****Total Time used:****seconds****Access time per Document:****msec****Step was successful:****No****Remarks:*****Accessing single receipts on stored Documents randomly*****Number of stored data files:****Number of Objects accessed:****Access time per Object:****msec****Step was successful:****No****Remarks:**