



Certificate

SAP INTEGRATION CERTIFICATION

SAP SE hereby confirms that the interface software
for the product

**WHINT On-Premise Adapter Bundle
2015.08**

of the company **Whitepaper Interface Design e.K.**

has been certified for integration with SAP NetWeaver 7.3 via the
SAP integration scenario NW-XI-AF 7.1.

This certificate confirms the existence of product features in accordance
with SAP certification procedures. SAP only certifies successful integration of the
product with SAP solutions. Vendor is responsible for the product itself and its error-free
operation.

The certification test is documented in report no. 36169614
and expires November 19, 2018.

Vendor Hardware: x86_64

Vendor Operating System: Windows 7

SAP Test System: SAP PI 7.3

This configuration meets the requirements for running WHINT On-Premise Adapter
Bundle 2015.08 on the SAP NetWeaver platform.

Certified Functions:

Adapter Deployment

Configuration

Modules

Message Definition

Message Exchange

- Outbound: best effort, exactly once

JEE Resource Access

Logging & Monitoring

Administration through Adapter Framework

Multi-Cluster Support

SAP Solution Manager Ready Functionality

Walldorf, November 20, 2015

Christoph Claus, SAP SE

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Interface Certification

NW-XI-AF 7.1
PI Adapter Framework

Test Report

SAP Integration and Certification Center

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Interface Certification #36169614

SAP Interface incl. Release: NW-XI-AF 7.1
SAP Product incl. Release used for test: SAP PI 7.3

Hardware used for SAP test system: x86_64
Operating System of SAP test system: Windows Enterprise Server

Name of Vendor: Whitepaper Interface Design e.K.
Vendor Number (SAP internal): 19391256

Vendor Product Name: WHINT On-Premise Adapter Bundle
Release Vendor Product: 2015.08
Vendor Product Number (SAP internal): 9259773

Vendor Interface Software Name:
Release Vendor Interface Software:

Hardware used for Vendor Test System: x86_64
Operating System of Vendor Test System: Windows 7

Certification Date: November 20, 2015
Expiration Date: November 19, 2018
Location: Walldorf
Persons present - Vendor: Adam Kiwon
Ahmet Karahan

Persons present - SAP: Christoph Claus

Certified Functions:

- Adapter Deployment**
 - Configuration**
 - Modules**
 - Message Definition**
 - Message Exchange**
 - Outbound: best effort, exactly once**

 - JEE Resource Access**
 - Logging & Monitoring**
 - Administration through Adapter Framework**
 - Multi-Cluster Support**
 - SAP Solution Manager Ready Functionality**
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0. General Information:

1. To which type of application backend system or B2B protocol does the adapter connect to?

Answer from the vendor:
Connect with File System.

2. For the runtime: Does the adapter use other software installs rather than the adapter SCA? Which ones and how are they installed/deployed?

Answer from the vendor:
none

3. What types of operating system files are needed? How will they be deployed?

Answer from the vendor:
none

4. Vendor must foresee a multi-cluster server environment. What happens if the same inbound queue (inbound: from the 3rd party adapter to the XI server) is processed by several cluster servers at the same time in case of ExactlyOnceInOrder?

Details: Instances of the adapter run on cluster 1 and 2 and read somehow out of the 3rd party system message queue. Cluster 1 reads message 1, cluster 2 the successor message 2. In case that the message processing in cluster 1 takes longer, how does the adapter ensure, that message 2 waits until message 1 is processed and delivered?

Answer from the vendor:
EOIO Inbound not supported.

5. Does your adapter operationally write into files (not log/trace files, but productively used files in the business process)?

Answer from the vendor:
no

- Answer is “no”:
Test could run on system with 2 cluster nodes on a single instance, on any platform.
- Answer is “yes”:
Test must run on a system with 2 clusters on different physical machines, running on Linux/UNIX. This is to make sure, that the concurrent write processes into the files work as expected, also when using NFS.

1. Adapter Deployment

Function	Rating	Note
Deployment via SCA File and JSPM	Successful	

Additional comments:

none

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2. Configuration

Function	Rating	Note
Upload of the Adapter Metadata Description Check the Adapter Configuration GUI	Successful Successful	

Additional comments:

none

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3. Modules (optional)

Function	Rating	Note
Deployment of module SCAs Configuration of modules	Successful Successful	

Additional comments:

Two modules are provided with the adapter that can also be used with other PI adapters:

- DynamicConfigurationWriter
 - DynamicQueueWriter
- =====

4. Message Definition (optional)

Function	Rating	Note
Upload of the Message Metadata	Successful	

Additional comments:

none

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5. Message Exchange

Function	Rating	Note
Outbound Synchronous (best effort)	Successful	
Inbound Synchronous (best effort)	Not supported	
Outbound Asynchronous (exactly once)	Successful	
Inbound Asynchronous (exactly once)	Not supported	
Outbound Asynchronous (exactly once in order)	Not supported	
Inbound Asynchronous (exactly once in order)	Not supported	
Message Exchange with Failure	Successful	

Outbound: from XI server to the 3rd party adapter

Inbound: from the 3rd party adapter to the XI server

Additional comments:

none

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6. JEE Resource Access

Function	Rating	Note
Mandatory: Usage of SAP JEE application threads Mandatory: Usage of SAP JEE transaction manager	Successful Successful	

Additional comments:

none

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7. Logging & Monitoring

Function	Rating	Note
File Trace and File Log XI AF Message Audit Log SAP NetWeaver JEE logging mechanism (optional)	Successful Successful Successful	

Additional comments:

none

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8. Administration through Adapter Framework

Function	Rating	Note
Control through AF possible	Successful	

Additional comments:

none

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