SAP NetWeaver Security & Identity Management

Integration Overview

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SAP Integration and Certification Center
2nd December 2010

Agenda

1. **Current Security Interfaces**

2. Certification process overview

SAP NetWeaver Security & Identity Management Special offer

SAP

SAP Security Certification Promotion to ISVs

50% DISCOUNT OFFER FOR EMERGING COMPANIES

- **Sign-ups for following Security certification scenarios:**
  BC-SNC, BC-SSF, BC-AUTH-SAML, BC-AUTH-JAAS, NW-VSI, NW-IDM-CON, BC-LDAP-USR and Security Integration Assessments

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20% DISCOUNT OFFER FOR ALL ISVs

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Interested?
Please send an email to softwaresolutionpartner@sap.com
and sign up by 15th of December 2010!

SAP NetWeaver Security & Identity Management Solution Map

SAP

Compliance	Regulatory Compliance	Auditing	SAP Solutions for Governance, Risk and Compliance	Security Targets	
Secure Collaboration	Web Services Security	Content Security		Security Interoperability	
Identity and Access Management	Identity Management	Authorization Concepts and Management		Authentication and Single Sign-On	
Infrastructure Security	Network and Communications Security	Operating System and Database Security		Front-End Security	
Software Lifecycle Security	Secure Product Development	Secure Delivery	Secure Configuration	Secure Change Management	Security Governance

Security Administration
Communication Security
User Collaboration
Composition
Java
.Net
SOA Provisioning
SCM
PLM
Enterprise Services Repository
Business Suite
ERP
CRM
SRM
Composites
Identity Management
Authentication & SSO
Authorization Management
Partner Solution
Home Grown
Non-SAP Apps
Partner Solution
Regulatory Compliance & Audit
SAP NetWeaver
SAP
Appliances

SAP NetWeaver Security & Identity Management Interfaces Overview

SECURITY

Interface		SAP R/3 Release	SAP NetWeaver Application Server Release	SAP NetWeaver Release		
Interface	Name	4.6	6.10 / 6.20	6.40	7.0	7.1
BC-AUTH-JAAS	Java External User Authentication JAAS			**New Scenario**	No Change	No Change
BC-AUTH-SAML	Security Assertion Markup Language			**New Scenario**	No Change	No Change
BC-LDAP-USR	Directory Interface for User Management via LDAP		**New Scenario**	No Change	No Change	No Change
BC-SNC	Network Security	No Change since R/3 4.0	No Change	No Change	No Change	No Change
BC-SSF	Secure Store & Forward and Digital Signatures	No Change since R/3 4.5	No Change	No Change	No Change	No Change
NW-IDM-CON	SAP NetWeaver Identity Management Connector					**New Scenario**
NW-VSI	Virus Scan Interface			**New Scenario**	No Change	No Change

Learn more about
http://www.sdn.sap.com/irj/sdn/icc?rid=/webcontent/uuid/76df1173-0501-0010-d3a8-dc81da45bfb4#section4

External User Authentication
BC-AUTH-JAAS

SAP

Definition	■ **The SAP Web Application Server Java offers a pluggable authentication framework, which is based on JAAS standards (Java Authentication and Authorization Service).** ■ **Allows arbitrary login modules to be plugged in and to be combined with login module stacks.** ■ **Vendors can provide additional login modules for additional authentication mechanisms.**
Scope	■ **This certification verifies a 3rd party JAAS login module and fulfills the requirements for a proper functionality in SAP Web Application Server Java.**
Logo	**SAP** Certified Integration with SAP NetWeaver Learn more about **External User Authentication BC-AUTH-JAAS**
Online Listing	■ Partner Information Center
Pricing	■ **10,000 Euro Per Certification** Up to 50% discount if you sign up by 15th of December 2010!

Security Assertion Markup Language BC-AUTH-SAML

SAP

Definition	■ **The SAP J2EE Engine supports the use of Security Assertion Markup Language (SAML) for Single Sign-On.** ■ **SAML is a XML-based markup language, that is being developed and standardized by the Organization for the Advancement of Structured Information (OASIS).** ■ **It is used for exchanging security-related information between communication partners.** ■ **The SAP J2EE Engine supports SAML in a scenario where a user is authenticated to an external authentication system that acts as an SAML authority.**
Scope	■ **Based on this authentication, the user can access the desired resource, in this case, an application on the SAP J2EE Engine.**
Logo	**SAP** Certified Integration with SAP NetWeaver Learn more about Security Assertion Markup Language BC-AUTH-SAML
Online Listing	■ Partner Information Center
Pricing	■ **10,000 Euro Per Certification** Up to 50% discount if you sign up by 15th of December 2010!

Directory Interface for User Management via LDAP BC-LDAP-USR

Definition	**SAP's directory interface lets you consolidate user data from SAP systems with data from directories that implement the Lightweight Directory Access Protocol (LDAP).** **Using a directory service (including the SAP Central User Administration), you can maintain the data from a single point of contact.** **At most companies, user data is stored in the directories associated with various software systems and components, such as e-mail, telephony systems, operating systems, and other data-dependent applications.** **By using the directory interface for user management via LDAP, you can consolidate this data in a single, central directory often called the Meta Directory.** **This consolidation enables you to eliminate redundancy and ensure data consistency across multiple applications, while offering all of the advantages of a single point of administration.**
Scope	**Using the LDAP directory interface to connect to an LDAP directory server.**
Logo	**SAP** Certified Integration with SAP NetWeaver
Online Listing	Partner Information Center
Pricing	**10,000 Euro Per Certification**

Learn more about
Directory Interface for User Management via LDAP

BC-LDAP-USR

Up to 50% discount if you sign up by 15th of December 2010!

Network Security
BC-SNC

SAP
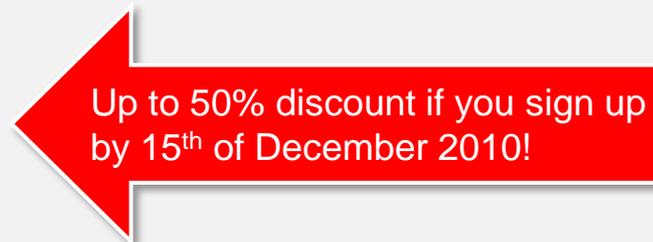
Definition	■ **BC-SNC protects data that is exchanged between distributed SAP NetWeaver components and an integrated external security system, and enables the use of cryptography and smart cards to authenticate users.** ■ **An SAP NetWeaver system administrator can adjust the level of protection by setting SAP NetWeaver profile parameters for BC-SNC.** ■ **When we refer to SNC, we are referring to a software layer that SAP has implemented within all relevant SAP NetWeaver components to achieve the protection goals described above.** ■ **As the programming interface between the SNC layer and external security products we use the standardized *Generic Security Services Application Programming Interface (GSS-API)Version 2 [1;2]. This standard has been developed by the "Common Authentication Technologies" (CAT) working group of the Internet Engineering Task Force (IETF)***
Scope	■ **The external security system can provide strong authentication, data integrity, and data confidentiality services to the SAP communication layer.**
Logo	**SAP** Certified Integration with SAP NetWeaver ➡️ Learn more about Network Security BC-SNC
Online Listing	■ Partner Information Center
Pricing	■ **10,000 Euro Per Certification** Up to 50% discount if you sign up by 15th of December 2010!

Secure Store & Forward and Digital Signatures BC-SSF

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Definition	■ **Secure Store & Forward (SSF) provides functions that SAP NetWeaver applications can implement in order to protect sensitive data.** ■ **This is particularly useful if data is transferred across insecure networks or is stored on external media.** ■ **Digital signatures and encryption ensure the integrity of the data, the authenticity of the sender, nonrepudiation, and confidentiality.**
Scope	■ **SSF mechanisms use an external security system to protect SAP data. The external system is linked using a SAP NetWeaver interface defined by SAP in the SSF Application Programming Interface (API).**
Logo	**SAP** Certified Integration with SAP NetWeaver Learn more about <u>Secure Store & Forward and Digital Signatures BC-SSF</u>
Online Listing	■ <u>Partner Information Center</u>
Pricing	■ **10,000 Euro Per Certification** Up to 50% discount if you sign up by 15th of December 2010!

SAP NetWeaver Identity Management Connector NW-IDM-CON

SAP

Definition	■ **The purpose of the Connector Development Kit (CDK) is to enable the independent software vendors (ISVs) or SAP partners to create an Identity Management connector for their application, and to integrate the application in the Identity Management landscape.** ■ **The provisioning framework in the Identity Center is the core of the provisioning, and will call the basic tasks to perform the operations in the target systems, i.e. the framework populates the Identity Center with a set of basic tasks for performing provisioning.**
Scope	■ **Create an Identity Management Connector to connect to the vendor security product.**
Logo	**SAP** Certified Integration with SAP NetWeaver
Online Listing	■ Partner Information Center
Pricing	■ **10,000 Euro Per Certification**

Learn more about
SAP NetWeaver Identity Management Connector
NW-IDM-CON

Up to 50% discount if you sign up by 15th of December 2010!

SAP Virus Scan Interface NW-VSI

Definition	■ **The SAP NetWeaver Virus Scan Interface (NW-VSI) allows external anti-virus and content security solutions to integrate with SAP Web AS (ABAP/JAVA).** ■ **This Virus Scan Adapter is built by the anti-virus solution provider based on SAP templates in the Software Development Kit (SDK) for Virus Scan Adapters.** ■ **This standardized process provides a transparent job division between SAP data to be scanned (SAP know-how) and the actual virus scan (Anti Virus know-how).** ■ **Additionally, it also allows SAP customers to easily switch between anti-virus and content security solutions based on their business needs.**
Scope	■ **Build an Virus Scan Adapter which connects a virus scanner to the SAP system.**
Logo	**SAP** Certified — Integration with SAP NetWeaver → Learn more about [SAP Virus Scan Interface NW-VSI](#)
Online Listing	■ [Partner Information Center](#)
Pricing	■ **10,000 Euro Per Certification** — Up to 50% discount if you sign up by 15th of December 2010!

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2. **Certification process overview**

SAP - Guide through Certification Process

How to get started with Integration Certification

Plan your certification

Build your integration

Certify

Publish & Maintain

Plan	Build	Certify	Publish & Maintain

SAP - Guide through Certification Process - Overview

SAP

Interested in our SAP Security Certification Offer?
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Plan	Build	Certify	Publish & Maintain

Join SAP PartnerEdge and Learn about the SAP Integration Certification Program

- Access to technical sessions
- For SAP Partner:
  - **Technical Enablement Offers**
  - Partner Service Advisor guidance (for Partners only)
- SAP Developer Network (SDN)
- ICC Services Desk sofwaresolutionpartner@sap.com
- Complete formal process - →Certification Contract and Fees

Receive technical information

- Contact with an ICC Consultant
- SAP Remote Access and Connectivity Kit (SAP RAC Service)
- Access to low-cost, no maintenance Hosted test systems of several SAP solutions (ERP, CRM, etc.) for integration testing

Deadline: 15th of December 2010!

Complete certification

- Certification against standard and custom integration scenarios

Receive Certification Benefits

SAP Certified
Integration with SAP NetWeaver

- SAP Certified Logo
- Test report and Certificate
- Online Listing "PIC" , http://ecohub.sap.com
- Marketing Support and Tools
- Events
- Qualify for SAP PartnerEdge
- Get full Membership
- Keep your certification current
- 3-year validity
- Monitor SAP Release Changes
- Recertify! (50% discount for SAP PartnerEdge Member)

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Questions?