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Getting Started with SAP NetWeaver 7.50 Application Server ABAP incl. BW on SAP HANA SPS10

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1 Solution Information

This guide provides general information you need to use the solution **SAP NetWeaver 7.50 Application Server ABAP incl. Business Warehouse on SAP HANA**.

Material Numbers

You get access to a system that has been built up using the following media:

Number	Description
51050082	SAP Kernel 7.45 Solaris on x64 64bit
51049932	SAP HANA Platf. Ed. 1.0 SPS10 (SAP HANA DB 1.00.102)
51050042	NetWeaver 7.5
SWPM10SP09_3-20009701	SOFTWARE PROVISIONING MGR 1.0 Linux on x86_64 64bit

Components

The solution comprises the following component versions:

Component	SP-Level
SAP_BASIS	0
SAP_ABA	0
SAP_GWFND	0
SAP_UI	0
ST-PI	1
SAP_BW	0
BI_CONT	7

Sizing Information

Follow the sizing guidelines to determine the hardware requirements of the solution such as network bandwidth, physical memory, CPU power, and I/O capacity by choosing this quick link: <http://service.sap.com/sizing> -> Sizing -> Sizing Guidelines

You can use also the search function in the [Quick Sizer](#) tool to find your required sizing guidelines.

OS Compatibility Information

Check the [Product Availability Matrix](#) (PAM) to determine the operating system requirements for running the SAP system in question. For your information, you can see the details of the OS environment on which this solution has been built up.

Name	Value
OS Kernel Version	3.0.101-0.31-default
OS Version	11
OS Platform	linuxx86_64
OS Release	SUSE Linux Enterprise Server 11 (x86_64)
GLIBC Version	2.11.3
OS Type	SUSELinux
OS Patch Level	3
Architecture	x86_64

SAP Host Agent Information

It is highly recommended to have the latest version of SAP Host Agent. More information can be found in the related SAP Notes "[1031096 - Installing Package SAPHOSTAGENT](#)", "[1473974 - Using the SAP Host Agent Auto Upgrade Feature](#)".

Application Server ABAP Details

Name	Value	Description
SID	A4H	System ID of the SAP system
CI Instance Number	00	The instance number of the central instance (CI)
CS Instance Number	01	The instance number of the central services (CS) instance.
Password	Appl1ance	The initial password of the master system.
Username	DDIC SAP*	These are the standard users which you can use to access the ABAP server.
Clients	000 001	These are the standard clients available in a newly installed SAP system.

Database Server Details

Name	Value	Description
SID	HDB	System ID of the SAP system
DB SID	HDB	System ID of the database of the SAP system
DB Type	HDB	Type of the database
Instance Number	00	Instance number of the central instance of the SAP HANA System
Username	SYSTEM SAPHDB DBACOCKPIT	These are the standard users which you can use to access the database server.
Password	Appl1ance	The initial password of the master system.

OS Users and Groups

Name	Description
hdbadm	SAP system administrator
hdbadm	SAP database administrator
sapsys	Group containing all <SID>adm users (should be a group in a central user storage like LDAP, NIS, or Active Directory)

2 Security Aspects

Be aware that creating your instances in the public zone of your cloud computing platform is convenient but less secure. Ensure that only port 22 (SSH) is opened when working with Linux-based solutions and port 3389 (RDP) when working with Windows based solutions. In addition, we also recommend that you limit the access to your instances by defining a specific IP range in the Access Points settings, using [CIDR notation](#). The more complex but secure alternative is to set up a virtual private cloud (VPC) with VPN access, which is described in [this tutorial on SCN](#).

The list below describes the ports opened for the security group formed by the server components of your solution instance:

To access back-end servers on the operating system (OS) level, use the following information:

Protocol	Port	Description
SSH	22	Used for SSH connection to Linux-based servers
RDP	3389	Used for RDP connection to Windows based servers

You must change the initial user passwords provided by SAP when you log onto the system for the first time.

Note that when using **HANA based appliances**, HANA systems are not installed individually but **cloned from a template system**. As a consequence of this cloning process, the existing root keys are cloned. For more information, see this [SAP Note 2134846 - HANA encryption key handling during system cloning](#).

3 Solution Provisioning in SAP Cloud Appliance Library

If you have a user in SAP Cloud Appliance Library, you need to meet the following prerequisites before starting to use the SAP Cloud Appliance library:


- Cloud Provider Configurations

You have a valid account in one of the cloud providers supported by SAP Cloud Appliance Library. If you already have an active cloud provider account, you can proceed directly with the next section. Otherwise, navigate to the cloud provider home page and sign up.

For more information about the supported cloud providers, see the [FAQ page](#).

- Navigate to SAP Cloud Appliance Library

Open the SAP Cloud Appliance Library in your Web browser using the following link: <https://cal.sap.com>

For more information about how to use solutions in SAP Cloud Appliance Library, see the official documentation of SAP Cloud Appliance Library (choose [Support](#) → [Documentation](#) link and choose  (expand all) button to see all documents in the structure). You can also use the context help in SAP Cloud Appliance Library by choosing the [Help](#) panel from the right side.



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