Getting Started Guide

Document Version: 1.8 – 2018-06-28

SAP NetWeaver AS ABAP 7.52 SP01 on SAP HANA 2.0 SP02

SAP

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1   Solution Information

This guide provides general information you need to use the solution SAP NetWeaver AS ABAP 7.52 SP01 on SAP
HANA 2.0 SP02

Installed Products

You get access to a system (landscape) that has been built using the following installation media:

- SAP NetWeaver ABAP 7.52 SP1
- SAP KERNEL 7.53 64-BIT
- SAP HANA 2.0 SP02

1.1 Overview

- Solution name: SAP NetWeaver AS ABAP 7.52 SP01 on SAP HANA 2.0 SP02
- Standard installation version, unconfigured

2   Accessing the Solution

2.1 Overview

- Backend systems can be accessed directly;
- Solution can be accessed on OS level access.

2.2 ABAP Application Server Details

Connect to SAP ABA using the information in the table below.

For more information, how to connect to the Frontend Server, see Connecting to a Solution Instance.

Name	Value	Description
SID	ABA	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	<Master Password>	The initial master password of the system you provided in the SAP Cloud Appliance Library when creating the instance.
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.
Password	<Master Password>	The initial master password of the system you provided in the SAP Cloud Appliance Library when creating the instance.

2.3 Database Server Details

Connect to SAP HDB using the information in the table below.

For more information, how to connect to the Frontend Server, see Connecting to a Solution Instance.

Name	Value	Description
DB SID	HDB	Database System ID of the SAP system
Instance Number	02	Instance number of the central instance of the SAP System
Database Tenants	SYSTEMDB HDB	Name of tenant database of the SAP System
DB Type	HDB	Type of the database
Username	SYSTEM	These are the standard users which you can use to access the database server.
Password	<Master Password>	The initial master password of the system you provided in the SAP Cloud Appliance Library when creating the instance.

2.4 OS Users and Groups

Name	Description
abaadm	SAP system administrator
sapsys	Group containing all SAP OS users

2.4.1   Accessing Your Instance on OS Level

For information on how to access a solution on OS level, go to this FAQ wiki page and check this question: How to connect to a running instance via the secure shell protocol (SSH)?

3   Licenses

3.1 Running Solution as a Trial for a Free Period

This solution can be used with a Free Trial License Agreement for the configured free period. You will be asked to agree to the Free Trial License Agreement during the instantiation steps.

Once you create the solution instance, the SAP system will generate a temporary license key that is sufficient for exploration purpose. After the expiration of the pre-installed temporary license a valid license is required to keep using the solution instance.

Note that you are not allowed to install license keys under the Free Trial License Agreement. You can continue the solution with the Product License Agreement any time prior to the end of the free period by unlocking it.

3.2 Running Solution with a Product License Key

To use the instance created from this solution under your own SAP Product License Agreements, you have to unlock the solution in SAP Cloud Appliance Library. As a prerequisite you must own the required SAP Product licenses and need to purchase the SAP Cloud Appliance Library subscription package. For more information, see Unlocking Solutions.

3.3 License Key Installation

After unlocking the solution, you need to apply a valid license key to it. For this solution, request and install the following license keys:

SID	Product	Version	DB	OS	Comment
HDB	SAP HANA, platform edition	SAP HANA 2.0, platform edition	n/a	Linux	Please choose 256 GB Memory Volume
ABA	SAP NetWeaver 7.5	SP01	SAP HANA	Linux	N/A

To check the Product and the Version for your solution, go to the SAP License Keys application: https://launchpad.support.sap.com/#/licensekey

For more information about how to request and install product license keys, see this blog.

4   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
SAPGUI	3200, 3600	Used for SAPGUI and ABAP in Eclipse to establish connection to SAP Application Server
SAP HANA SQL	30215, 30213	Used to establish SQL connection to SYSTEMDB tenant of SAP HANA
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.

For more information about security vulnerabilities, see this community page.

5 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.

6   Appendix

Installed Software Components

Name	Release	Support Package Stack
SAP_BASIS	752	1
SAP_ABA	752	1
SAP_GWFND	752	2
SAP_UI	752	3
ST-PI	740	7
SAP_BW	752	1
UIBAS001	300	2