CUSTOMER

Getting Started with SAP enhancement package 8 for SAP ERP 6.0, version for SAP HANA SP11

SAP

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1   Solution Information

This guide provides general information you need to use the solution **ERP 6.0 Including Enhancement Package 8 on SAP HANA**.

Material Numbers

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

Number	Description
51050627	BS7I2016 BD OSDEP
51050708	SAP ERP 6.0 EHP8 Installation Export
51050082	SAP Kernel 7.45 Linux on x86_64 64bit
51050838	SAP HANA Platf. Ed. 1.0 SPS11 DSP Rev. 112

Components

The solution comprises the following component versions:

Component	SP-Level
SAP_BASIS	1
SAP_ABA	1
SAP_GWFND	1
SAP_UI	1
ST-PI	1
SAP_BW	1
MDG_FND	2
SAP_AP	0
SAP_BS_FND	1
WEBCUIF	1
EA-IPPE	0
MDG_APPL	2
MDG_MDC	2
MDG_UX	2

Component	SP-Level
SAP_APPL	1
SAP_FIN	1
SAP_HR	21
SAP_HRCAE	21
SAP_HRCAR	21
SAP_HRCAT	21
SAP_HRCAU	21
SAP_HRCBE	21
SAP_HRCBG	21
SAP_HRCBR	21
SAP_HRCCA	21
SAP_HRCCH	21
SAP_HRCCL	21
SAP_HRCCN	21
SAP_HRCCO	21
SAP_HRCCZ	21
SAP_HRCDE	21
SAP_HRCDK	21
SAP_HRCEG	21
SAP_HRCES	21
SAP_HRCFI	21
SAP_HRCFR	21
SAP_HRCGB	21
SAP_HRCGR	21
SAP_HRCHK	21
SAP_HRCHR	21
SAP_HRCHU	21
SAP_HRCID	21
SAP_HRCIE	21
SAP_HRCIN	21
SAP_HRCIT	21

Component	SP-Level
SAP_HRCJP	21
SAP_HRCKR	21
SAP_HRCKW	21
SAP_HRCKZ	21
SAP_HRCMX	21
SAP_HRCMY	21
SAP_HRCNL	21
SAP_HRCNO	21
SAP_HRCNZ	21
SAP_HRCOM	21
SAP_HRCPH	21
SAP_HRCPL	21
SAP_HRCPT	21
SAP_HRCQA	21
SAP_HRCRO	21
SAP_HRCRU	21
SAP_HRCSA	21
SAP_HRCSE	21
SAP_HRCSG	21
SAP_HRCSI	21
SAP_HRCSK	21
SAP_HRCTH	21
SAP_HRCTR	21
SAP_HRCTW	21
SAP_HRCUA	21
SAP_HRCUN	21
SAP_HRCUS	21
SAP_HRCVE	21
SAP_HRCZA	21
SAP_HRGXX	21
SAP_HRRXX	21

Component	SP-Level
EA-DFPS	1
EA-FINSERV	1
EA-GLTRADE	1
EA-HR	21
EA-HRCAE	21
EA-HRCAR	21
EA-HRCAT	21
EA-HRCAU	21
EA-HRCBE	21
EA-HRCBG	21
EA-HRCBR	21
EA-HRCCA	21
EA-HRCCH	21
EA-HRCCL	21
EA-HRCCN	21
EA-HRCCO	21
EA-HRCCZ	21
EA-HRCDE	21
EA-HRCDK	21
EA-HRCEG	21
EA-HRCES	21
EA-HRCFI	21
EA-HRCFR	21
EA-HRCGB	21
EA-HRCGR	21
EA-HRCHK	21
EA-HRCHR	21
EA-HRCHU	21
EA-HRCID	21
EA-HRCIE	21
EA-HRCIN	21

Component	SP-Level
EA-HRCIT	21
EA-HRCJP	21
EA-HRCKR	21
EA-HRCKW	21
EA-HRCKZ	21
EA-HRCMX	21
EA-HRCMY	21
EA-HRCNL	21
EA-HRCNO	21
EA-HRCNZ	21
EA-HRCOM	21
EA-HRCPH	21
EA-HRCPL	21
EA-HRCPT	21
EA-HRCQA	21
EA-HRCRO	21
EA-HRCRU	21
EA-HRCSA	21
EA-HRCSE	21
EA-HRCSG	21
EA-HRCSI	21
EA-HRCSK	21
EA-HRCTH	21
EA-HRCTR	21
EA-HRCTW	21
EA-HRCUA	21
EA-HRCUN	21
EA-HRCUS	21
EA-HRCVE	21
EA-HRCZA	21
EA-HRGXX	21

Component	SP-Level
EA-HRRXX	21
EA-PS	1
EA-RETAIL	1
FINBASIS	1
FSCM_CCD	1
ECC-DIMP	1
ECC-SE	14
ERECRUIT	9
FI-CA	1
FI-CAX	1
INSURANCE	1
IS-CWM	1
IS-H	1
IS-M	1
IS-OIL	1
IS-PRA	1
IS-PS-CA	1
IS-UT	1
LSOFE	8
PLMWUI	1
SEM-BW	1

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.

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".

ABAP Application Server Details

Name	Value	Description
SID	ERP	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. Note that for solution provisioning in SAP Cloud Appliance Library the password is **reset** with the one provided when you create an 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.

Database Server Details

Name	Value	Description
SID	HDB	System ID of the SAP system
Instance Number	02	Instance number of the central instance of the SAP System
DB SID	HDB	System ID of the database of the SAP system
DB Type	HDB	Type of the database
Username	SYSTEM SAPERP DBACOCKPIT	These are the standard users which you can use to access the database server.
Password	Appl1ance	The initial password of the master system. Note that for solution provisioning in SAP Cloud Appliance Library the password is **reset** with the one provided when you create an instance.

OS Users and Groups

Name	Description
erpadm	SAP system administrator
sapadm	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.

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