Administrator's Guide **PUBLIC**

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Administrator's Guide for SAP Simple Finance, On-Premise Edition

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Document History

Version	Date	Description
1.0	2018/03/19	Initial version of the Administrator's Guide for SAP Simple Finance, On-Premise Edition 1503 SPS 9

1 SAP Simple Finance, On-Premise Edition

SAP Simple Finance, On-Premise Edition, which comprises SAP Accounting powered by SAP HANA and SAP Cash Management powered by SAP HANA, serves internal and external stakeholders. In times of volatile markets, margin pressure, and sophisticated regulatory requirements, companies need a precise view of the past, immediate insight into the present, and a clear perspective of the future. SAP Simple Finance comes with optimized financial accounting processes and supports the operational finance experts driving efficiency and compliance.

This requires a new way to run the business in real-time based on real-time processes and data. SAP Simple Finance provides optimized business processes, lean data architecture, and a beautiful user experience.

It is a system of records based on line items as a single source of truth for operational reporting and planning. This model discloses all transactional details to reporting. As all data is available on this level, any reporting request can be handled on an ad-hoc basis. Combining line items in accounting, transactions not yet in accounting, and planning data helps to answer burning questions such as “What has happened?”, “Why did it happen?”, “What is happening now?”, “What will happen next?”. As the line items are the only data structures to be extended, adapting the system is easier. Business flexibility on one hand and accounting stability on the other are no longer a contradiction.

Examples are:

- Accounting and financial close harmonizes financial and managerial accounting by using a single data source of truth for all financial and managerial processes. This significantly reduces reconciliation efforts and allows on-the-fly analysis without system limitations from pre-built aggregates. It comes with a build in data migration to transform seamlessly your current data into the new accounting world.
- Financial planning and analysis: build on a common financial planning model it leverages the HANA in-memory planning capabilities. It allows faster planning cycles and better decisions through end-to-end simulation capabilities.
- Cash Management enables the analysis of global bank balances and cash positions based on data from SAP and non-SAP systems. It comes with an integrated liquidity forecasting, a Central Bank Account Management and equips Cash Managers with a Smart Business Cockpit.

2 Getting Started

About this Document

This document is the single source of information for the installation of SAP Simple Finance, On-Premise Edition. It contains implementation information as well as security and operation information, and is divided into the following main sections:

- Introduction with references to related documents and relevant SAP notes
- System Landscape
- Installation and Migration
- Operation Information
- Security Information

> **Note**
>
> You can find the most current version of this document on SAP Help Portal at http://help.sap.com/erp.
>
> We strongly recommend that you use the document available there. The guide will be updated according to updates of the software.

Before you Start your Implementation

We strongly recommend that you read the following must-knows carefully before you install SAP Simple Finance:

1. You can find detailed technical information and information about the scope of SAP Simple Finance in the following SAP Notes: *Release Information Note: SAP Simple Finance, on-premise edition 1503* (SAP Note 2117481) and *Release Scope Information: SAP Simple Finance, on-premise edition 1503* (SAP Note 2119188).
2. SAP Simple Finance replaces the classic Financials applications in your SAP ERP system.
3. Some industry solutions and SAP ERP add-ons are not fully compatible with SAP Simple Finance. For more information, see *SAP Note SAP Simple Finance, on-premise edition: Compatible Add-ons* (SAP Note 2103558).
4. Handle the required SP levels for SAP ERP 6.0 EHP7 and for SAP NetWeaver 7.40 with the utmost caution and as described in this guide.
5. Before you install SAP Simple Finance, you must prepare the migration of application data. The migration steps require specific financials application knowledge (FI, CO, and Asset Accounting). You must resolve possible existing data inconsistencies **before** the installation of SAP Simple Finance, not **after**. For more information, see the Migration Guide on SAP Help Portal at http://help.sap.com/sfin200 ▶ *Installation and Upgrade Information*.
6. Install SAP Simple Finance using the Software Update Manager (SUM). Ensure that you have downloaded the latest version of it from SAP Help Portal. In addition, you must install two SAP HANA Live packages using the SAP HANA Application Lifecycle Management (HDBALM). For more information, see *Release Notes for SAP HANA Application Lifecycle Management for SAP HANA SPS 09* (SAP Note 2073243).

7. To run the financials applications, you must migrate the application data first. Some additional configuration is also required. For more information, see *Installation of and Migration to SAP Simple Finance, On-Premise Edition*.

Related Information

Planning Information

For more information about implementation topics not covered in this guide, see the following content on SAP Help portal:

Content	Location
Latest versions of installation and upgrade guides	http://help.sap.com/erp
Sizing, calculation of hardware requirements, such as CPU, disk and memory resource, with the Quick Sizer tool	https://www.sap.com/about/benchmark/sizing.quick-sizer.html#quick-sizer
Released platforms and technology-related topics such as maintenance strategies and language support	https://support.sap.com/en/release-upgrade-maintenance.html To access the Platform Availability Matrix directly, enter http://support.sap.com/pam
Network Security	http://help.sap.com/sfin
High Availability	http://www.sdn.sap.com/irj/sdn/ha
Performance	https://www.sap.com/about/benchmark/sizing/performance.html
Information about Support Package Stacks, latest software versions and patch level requirements	http://support.sap.com/sp-stacks
Information about Unicode technology	http://www.sdn.sap.com/irj/sdn/i18n
Information about SAP HANA	http://help.sap.com/hana
Technical Operations Manual for SAP HANA	http://help.sap.com/hana_appliance

Important SAP Notes Relevant for Planning

Reformulate: You must read the following SAP Notes before you start the installation of SAP Simple Finance. These SAP Notes contain the most recent information on the installation, as well as corrections to the installation documentation.

Make sure that you have the up-to-date version of each SAP Note, which you can find on SAP Support Portal at http://support.sap.com/notes.

SAP Note Number	Title	Description
2171868	SAP Simple Finance / S/4HANA Finance: Information on Product Name and Versioning Changes	Contains information about the product name and product version changes.
2119188	Release Scope Information: SAP Simple Finance, On-Premise Edition	Contains information on the business processes released for usage with SAP Simple Finance. Contains information on enterprise extensions and industry solutions that can be used with SAP Simple Finance.
2117481	Release Information Note: SAP Simple Finance, On-Premise Edition	Contains information and references to SAP Notes on the initial installation and on applying support package stacks (SPS) for SAP Simple Finance.
2157996	SAP Simple Finance add-on: Checklist for Technical Installation / Upgrade	Contains information about the technical installation or upgrade of SAP Simple Finance, On-Premise Edition
1946054	SAP Simple Finance, On-Premise Edition: Transaction codes and programs – Comparison to EHP7 for SAP ERP 6.0	Contains a comparison of different transactions and reports used in SAP Enhancement 7 for SAP ERP 6.0 and SAP Simple Finance.
2103558	SAP Simple Finance, On-Premise Edition: Compatible Add-ons	Contains information on SAP ERP add-ons that are also compatible with SAP Simple Finance.
2100133	SAP Simple Finance On-Premise Edition: Compatible Partner Products	Contains information about third-party products listed on the SAP pricelist and available in the same system as SAP Simple Finance or connected to this system.
1976487	SAP Simple Finance, On-Premise Edition: Information about adjusting customer-specific programs to the simplified data model for SAP Simple Finance	Describes how to adjust customer-specific programs to the simplified data model for SAP Simple Finance after you have installed it.
1971111	Browser Requirements for SAP Simple Finance, On-Premise Edition	Contains information on browser requirements and settings.
1944871	Release strategy for components RE, RE-FX with SAP Simple Finance, On-Premise Edition	Contains information on the release strategy for application components RE and RE-FX with SAP Simple Finance.

SAP Notes Relevant for Troubleshooting

SAP Note Number	Title	Description
2035994	SAP Simple Finance, On-Premise Edition: Installation with components / products not yet released for SAP Simple Finance	Contains information about how to handle unreleased components or products when you install SAP Simple Finance.
2125084	SAP Simple Finance, On-Premise Edition: Important SAP NETWEAVER 7.40 SPS 10 corrections	Contains information about SAP NetWeaver 7.40 corrections relevant for SAP Simple Finance
1974650	SAP Simple Finance, On-Premise Edition: ICF Service Information	Contains information on ICF Services used with SAP Simple Finance.

Further Important SAP Notes

SAP Note Number	Title	Description
1514967	SAP HANA: Central Note	Central SAP note for SAP In-Memory Appliance (SAP HANA).
1514966	SAP HANA 1.0: Sizing SAP In-Memory Database	Contains information about sizing for the SAP In-Memory Database (SAP HANA).
1843776	Central Note - Software Update Manager 1.0 SP09	Information about SUM
1813548	Database Migration Option (DMO) of SUM	Contains information about the Data Migration Option (DMO) in SUM.

Further Useful Links

The following table lists further useful links:

Content	Location
Information about creating error messages	https://launchpad.support.sap.com/#/solutions/notesv2/%3Fq=KB%26sortBy=score%26sortOrder=desc
SAP Notes search	http://support.sap.com/notes
SAP Software Distribution Center (software download and ordering of software)	http://support.sap.com/swdc
SAP Online Knowledge Products (OKPs) – role-specific learning maps	http://support.sap.com/ekt

Content	Location
Additional information about SAP HANA	http://www.saphana.com/
General information about SAP HANA Live for SAP Business Suite	http://help.sap.com/hba
Information about SAP HANA Live for SAP Simple Finance	http://help.sap.com/sfin200 ▶ *SAP HANA Live for SAP Simple Finance, On-Premise Edition*
SAP BusinessObjects Analysis, edition for Microsoft Office	http://help.sap.com/boao

Further Useful Links About SAP Fiori and SAP Smart Business

The following table lists further useful links about SAP Fiori and SAP Smart Business:

Content	Location
General information about SAP Fiori for SAP Business Suite	http://help.sap.com/fiori
SAP Fiori apps reference library	https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/#/detailInfo
Information about SAP Fiori for SAP Simple Finance, On-Premise Edition	http://help.sap.com/sfin200 ▶ *SAP Fiori for SAP Simple Finance, On-Premise Edition*
General information about SAP Smart Business Cockpits	http://help.sap.com/ssb
Information about SAP Smart Business for SAP Simple Finance, On-Premise Edition	http://help.sap.com/sfin200 ▶ *SAP Smart Business for SAP Simple Finance, On-Premise Edition*

Related Guides

You can find more information about the relevant applications in the following documents:

Content	Location
SAP Enhancement Package 7 for SAP ERP 6.0 – Installation and Upgrade Information	https://help.sap.com/viewer/p/SAP_ERP
SAP HANA Live Aministrator's Guide for SAP Simple Finance	http://help.sap.com/sfin200

Content	Location
SAP Netweaver 7.40 – Installation and Upgrade Information	http://help.sap.com/nw74
User Interface Add-On 1.0 for SAP NetWeaver – Installation and Upgrade Information	http://help.sap.com/nw-uiaddon
SAP HANA Platform – Installation and Upgrade Information	http://help.sap.com/hana_platform

Software Logistics Toolset

Content	Location
Software Update Manager	http://support.sap.com/sltoolset *Software Logistics Toolset 1.0* *SUM*
System Copy Guide	http://support.sap.com/sltoolset *Software Logistics Toolset 1.0* *Software Provisioning Manager* Choose *Copy. Syst. bsd. on NW 7.3 or Higher Using SW Prov. Mgr*.
Dual-Stack Split Guide	http://support.sap.com/sltoolset *Software Logistics Toolset 1.0* *Dual-Stack Split*
Software Provisioning Manager	http://support.sap.com/sltoolset *Software Logistics Toolset 1.0* *Software Provisioning Manager* Choose *Inst. Syst. bsd. on NW 7.3 or Higher Using SW Prov. Mgr*.

3 System Landscape

3.1 Introduction

SAP Simple Finance, On-Premise Edition covers SAP Accounting powered by SAP HANA and SAP Cash Management powered by SAP HANA, and is complemented by SAP HANA Live content, SAP Fiori apps, and SAP Smart Business apps designed for SAP Simple Finance.

SAP Simple Finance offers a similar, but not the same, functional scope to the core Financials applications delivered with SAP enhancement package 7 for SAP ERP 6.0. When you install SAP Simple Finance, it replaces the core Financials applications of SAP enhancement package 7 for SAP ERP 6.0. Unlike SAP enhancement package 7 for SAP ERP 6.0, SAP Simple Finance does not use business functions in the same way, that is, innovations provided by SAP Simple Finance are available without switching.

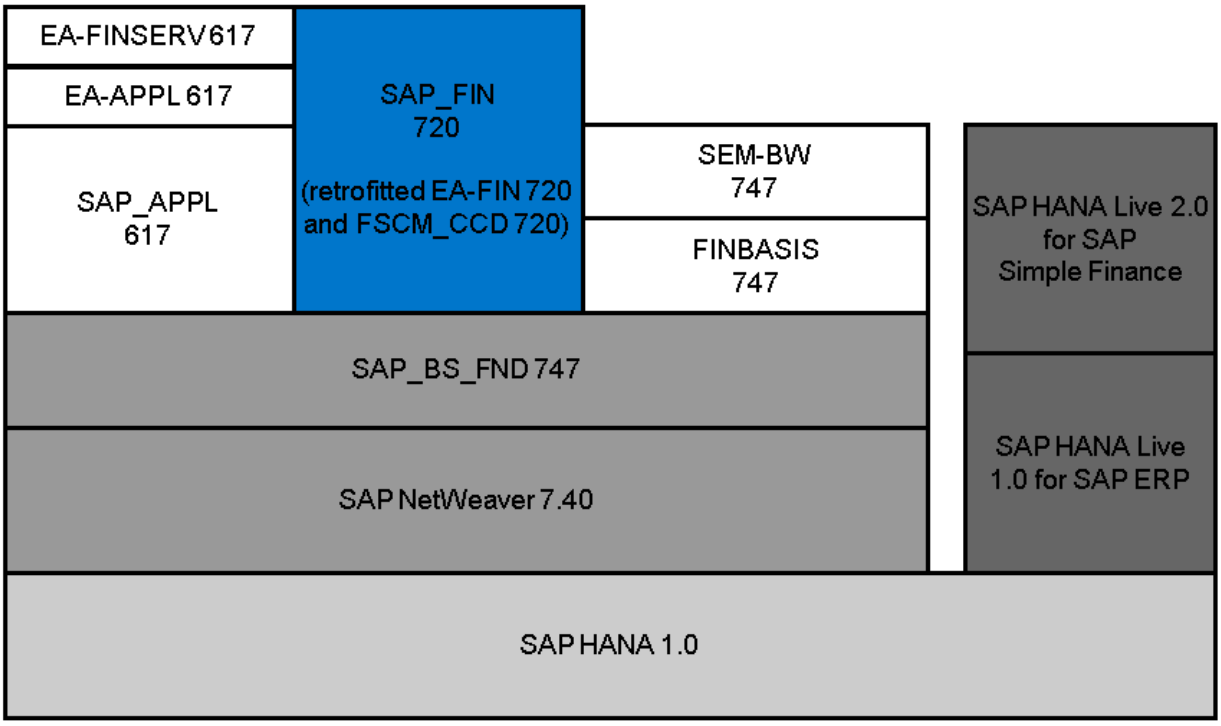
For an overview of the innovations contained in SAP Simple Finance, see the release notes on SAP Help Portal at http://help.sap.com/sfin200 ▶ *What's New – Release Notes* ▶.

For a comparison between SAP Simple Finance and the Financials applications delivered with SAP enhancement package 7 for SAP ERP 6.0, see SAP Note 1946054.

For more information about the business processes released with SAP Simple Finance, see SAP Note 2119188.

3.1.1 Technical System Landscape

SAP Simple Finance, On-Premise Edition is a standard product developed on the basis of SAP NetWeaver and SAP ERP. The figure below provides an overview of the minimal system landscape for SAP Simple Finance and is followed by an explanation:



System Landscape for SAP Simple Finance, On-Premise Edition

Software Units for SAP Simple Finance, On-Premise Edition

With the installation of SAP Simple Finance on-premise edition, the following software units are installed:

Software Component Version	Product Version – Instance	Required Product Version – Instance	Required or Optional	Deployment	Scenarios / Applications
SAP_FIN 720	SAP Simple Finance, On-Premise Edition (`SAP SFINANCIALS 1503`) – Central Applications (FIN)	SAP enhancement package 7 for SAP ERP 6.0 (`EHP7 FOR SAP ERP 6.0`) – Applications for FIN 700	Required	Deployed on the SAP ERP 6.0 system	SAP Accounting powered by SAP HANA SAP Cash Management powered by SAP HANA Integrated Business Planning
EA-FIN 720					
FSCM_CCD 720					
SAP IW GIL 100					

Software Component Version	Product Version – Instance	Required Product Version – Instance	Required or Optional	Deployment	Scenarios / Applications
XI Content SAP_FIN 720	SAP Simple Finance, On-Premise Edition – XI/ESR Content		Optional	Deployed on the XI / PI server	SAP Accounting powered by SAP HANA SAP Cash Management powered by SAP HANA
XI Content EA-FIN 720					
XI Content FSCM_CCD 720					

IW_GIL 100 provides a generic oData adapter for content based on the generic interaction layer (GenIL) in SAP Simple Finance.

The installation of SAP Simple Finance requires additional SAP ERP 6.0 software units to be updated to SAP enhancement package 7 for SAP ERP 6.0. The stack calculation (using `MOPZ`) for the installation of SAP Simple Finance automatically considers this. The minimum required set of software units is included in the instance *Applications for FIN 700* and the software units are listed in the following table:

Software Component	Required Version for SAP Simple Finance, On-Premise Edition	Instances Included in Instance *Applications for FIN 700*
SAP_APPL	617	Central Applications
EA-APPL	617	
EA-FINSERV	617	Financial Services
FINBASIS	747	Strategic Enterprise Management
SEM-BW	747	
WEBCUIF	747	ABAP Technology for EHP7 FOR SAP ERP 6.0
SAP_BS_FND	747	
SAP_AP	700	
MDG_FND	747	
MDG_APPL	617	Master Data Governance

⚠ Caution

Not all SAP ERP 6.0 enterprise extensions, industry solutions, or SAP ERP 6.0 add-ons are supported for use with SAP Simple Finance, On-Premise Edition. For an up-to-date overview of the compatible enterprise extensions, industry solutions and SAP ERP add-ons released for usage together with SAP Simple Finance, see SAP Note 2119188 and SAP Note 2103558.

As SAP Simple Finance is embedded into an SAP enhancement package 7 for SAP ERP 6.0 installation and is tightly integrated with other SAP ERP applications such as Sales and Distribution and Materials Management, support packages between SAP ERP EHP7 and the SAP Simple Finance will be synchronized as shown in the following table:

SAP Enhancement Package 7 for SAP ERP 6.0	SAP Simple Finance, On-Premise Edition
SPS 07	SPS 00 (initial shipment)
SPS 08	SPS 1505
SPS 09	SPS 1508
SPS 10	SPS 1511
SPS 11	SPS 4
SPS 12	SPS 5
SPS 13	SPS 6
SPS 14	SPS 7
SPS 15	SPS 8
SPS 16	SPS 9

> **Note**
>
> Updates to the SAP ERP 6.0 support package stack level must be done for both product versions. Typical activities for support package stack updates such as SPDD/SPAU and regression testing need to be considered for both products.

In contrast to accounting in SAP enhancement package 7 for SAP ERP 6.0, SAP Simple Finance comes with a simplified data model. Totals tables and application index tables have been removed and replaced with HANA views with the same technical names.

For more installation and upgrade information for SAP enhancement package 7 for SAP ERP 6.0, see http://help.sap.com/erp_607.

SAP HANA Live Components

Several new accounting reports in SAP Simple Finance are based on the SAP HANA Live virtual data model where the business logic is contained in SAP HANA views. These views can provide business data for various generic analytical clients such as SAP BusinessObjects Analysis, edition for Microsoft Office and SAP BusinessObjects Design Studio. In addition, operational data providers (ODPs) are used for Floorplan Manager applications.

Therefore, the operation of SAP Simple Finance requires a minimal deployment of the SAP HANA Live 1.0 packages into the same SAP HANA installation as outlined in the following table:

Software Component Version – HANA Content Package	Product Version – Instance	Required Product Version – Instance	Required or Optional	Deployment
HANA CONTENT HBA SAP ECC 100 (`HCO_HBA_ECC 100`) – sap.hba.ecc	SAP HANA Live 1.0 for SAP ERP – HANA Content (`SAP HANA ANALYTICS FOR ERP 1.0`)	-	Required	Deployed to the SAP HANA database of the SAP ERP 6.0 system (integrated scenario)
HANA CONTENT HBA SAP SFIN 200 (`HCO_HBA_SFIN700 200`) – sap.hba.sfin700	SAP HANA Live for SAP Simple Finance, On-Premise Edition 1503 (`SAP HANA FOR ANALY. FOR SFIN 1503`)	SAP HANA Live 1.0 for SAP ERP – HANA Content (`SAP HANA ANALYTICS FOR ERP 1.0`)	Required	Deployed to the SAP HANA database of the SAP ERP 6.0 system (integrated scenario)

The table below explains the minimum HANA Content requirements for SAP Simple Finance:

SAP Simple Finance, On-Premise Edition	HANA Content HBA SAP ECC 100	HANA Content HBA SAP SFIN 200
SPS 9	Minimum required: SPS 10	SPS 9

ABAP Application Server Technology

SAP Simple Finance, On-Premise Edition leverages the latest features of ABAP technology.

SAP NetWeaver 7.40 is a prerequisite to run SAP Simple Finance.

The table below explains the minimum SAP NetWeaver 7.40 requirements for SAP Simple Finance:

SAP Simple Finance, On-Premise Edition	SAP NetWeaver 7.40
SPS 9	Minimum required: SPS 18

> **Note**
>
> SAP Note 2125084 lists additional SAP Notes for SAP NetWeaver that are required for SAP Simple Finance.

For more installation and upgrade information for SAP NetWeaver 7.40, see http://help.sap.com/nw74.

In-Memory Database Technology

SAP Simple Finance, On-Premise Edition is a product that leverages the benefits of in-memory computing. You use SAP HANA to run SAP Simple Finance. The SAP HANA appliance software comes pre-installed on a specific appliance hardware system delivered in conjunction with leading SAP hardware partners.

The table below explains the minimum SAP HANA 1.0 requirements for SAP Simple Finance:

SAP Simple Finance, On-Premise Edition	SAP HANA 1.0
SPS9	Minimum required: SPS 12, revision 122

For more installation and upgrade information for SAP HANA Platform, see http://help.sap.com/hana_platform.

Front-End Clients

SAP Simple Finance offers a set of PFCG user roles tailored for NWBC. These roles have the prefix `SAP_SFIN_`.

The table below explains the recommended NWBC requirements for SAP Simple Finance:

SAP Simple Finance, On-Premise Edition	SAP NetWeaver Business Client (Desktop Version)
SPS 9	SAP GUI 7.40 with SAP NWBC 5.0

For information on browser requirements for SAP Simple Finance, see SAP Note 1971111.

Integrated Business Planning applications for SAP Simple Finance integrate into Microsoft Excel by using SAP BusinessObjects Analysis, edition for Microsoft Office (Analysis Office).

For more installation and upgrade information on SAP BusinessObjects Analysis, edition for Microsoft Office, see http://help.sap.com/boao.

SAP Fiori and SAP Smart Business

Dedicated SAP Fiori and SAP Smart Business bundles of apps are available for SAP Simple Finance, On-Premise Edition.

For information about the available apps and detailed implementation information, see http://help.sap.com/fiori.

The front-end components for SAP Fiori and SAP Smart Business apps are delivered with separate add-on products, as described in the tables below, and are deployed on a SAP NetWeaver Gateway 2.0 front-end server or co-deployed in the SAP Simple Finance back-end system.

Product	Technical Name	Release Information Note	Comments
SAP Fiori for SAP Simple Finance, On-Premise Edition 1503	`SAP FIORI FOR SAP SFIN 1503`	2117719	/
SAP Smart Business for SAP Simple Finance, On-Premise Edition 1503	`SAP SMART BUSINESS SFIN 1503`	2122588	Requires the installation of additional SAP HANA content in SAP Simple Finance back-end systems for **both** deployment scenarios

> **Note**
>
> Some SAP Fiori fact sheets available for Financials are specific to SAP Simple Finance, others not. For more information, see the SAP Fiori for SAP Simple Finance, on-premise documentation.

The following table contains the SPS dependencies:

SAP Simple Finance, On-Premise Edition 1503 (Back End)	SPS 5 and higher
SAP Fiori for SAP Simple Finance, On-Premise Edition 1503	SPS 5
SAP Smart Business for SAP Simple Finance, On-Premise Edition 1503	SPS 5

Implementation Considerations

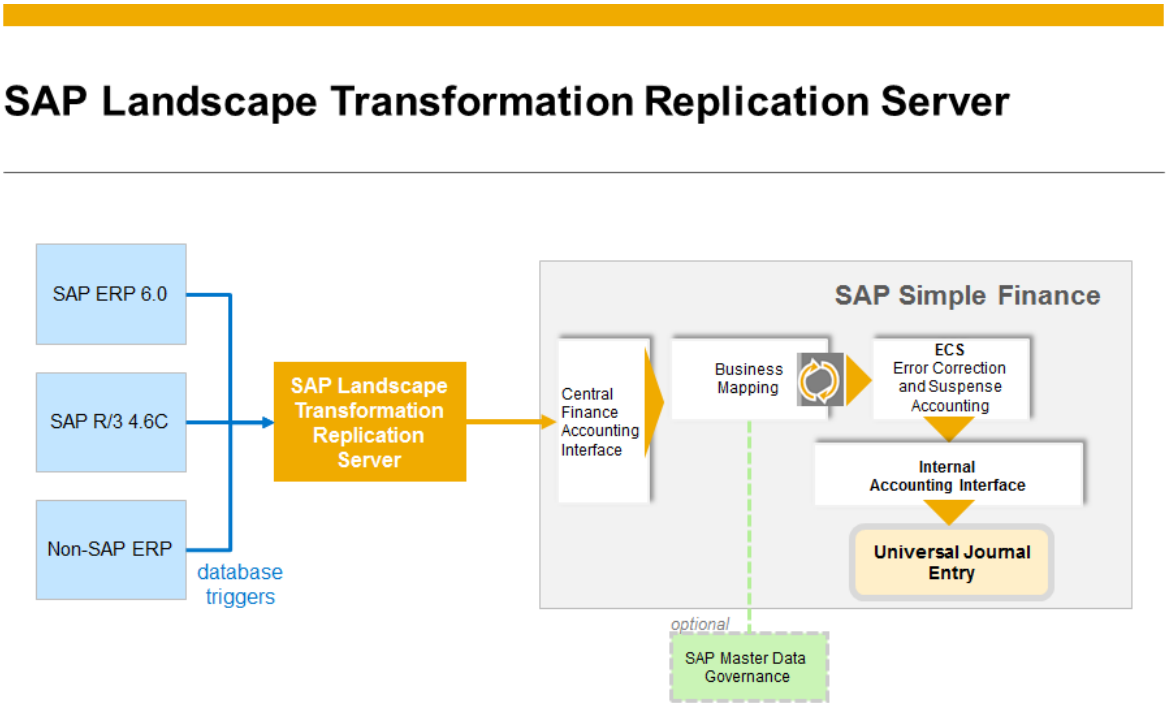
To check if the functions that you are planning to implement are released for use with SAP Simple Finance, see SAP Note 2119188.

> **Recommendation**
>
> Read the information on the update and the upgrade process steps required to enable SAP enhancement package 7 for SAP ERP 6.0 to run on SAP HANA and the steps required to update a system already running on SAP HANA to SAP enhancement package 7 for SAP ERP 6.0 in the related guides.

3.1.2 Central Finance

Use

Central Finance is an implementation option of SAP Simple Finance, On-Premise Edition that allows you to replicate and centralize your financial data in one system so that up-to-date, harmonized data is available, as illustrated below:



Central Finance also acts as a bridge for customers who wish to transition to a central system without disruption to their current system landscape, which may be made up of a combination of SAP systems of different releases and non-SAP systems.

Central Finance and SAP Landscape Transformation Replication Server

To replicate data from these source systems to Central Finance, it is necessary to use a product called SAP Landscape Transformation Replication Server, which collects data written to databases in source systems and feeds it into the corresponding interface in Central Finance, as shown below:

Implementation Options

For ABAP source systems, the SAP LT Replication Server can be installed in one of two locations within the system landscape; either in a separate system or in the ABAP source system itself.

For non-ABAP source systems, SAP LT Replication Server must be installed in a separate, Unicode system.

Technical Prerequisites

For information about the technical prerequisites for each of these options, see the *Installation Guide – Trigger-Based Data Replication Using SAP LT Replication Server for SAP HANA* on SAP Help Portal at http://help.sap.com/hana ▶ *SAP HANA Options* > *SAP HANA Real-Time Replication* > *Installation and Upgrade Information*.

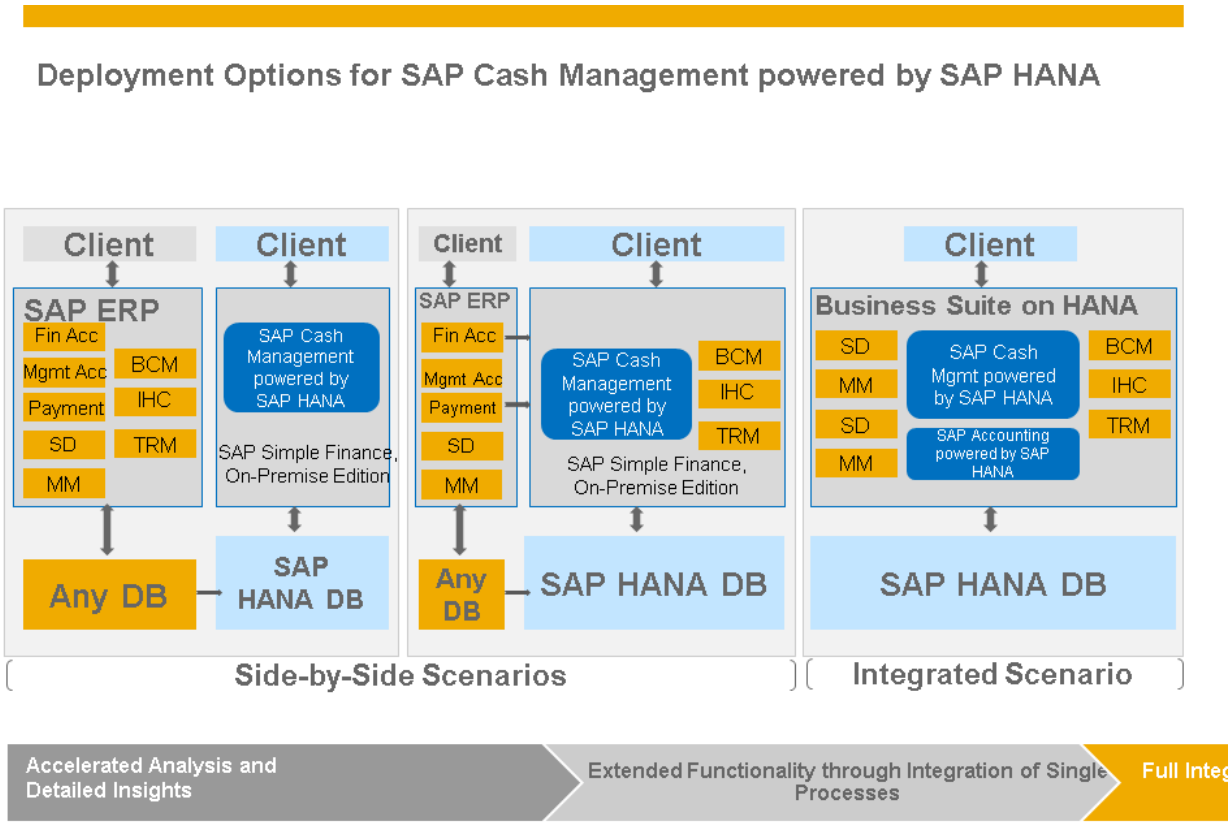
For more information, see the *Application Operations Guide – Trigger-Based Data Replication Using SAP LT Replication Server for SAP HANA* on SAP Help Portal at http://help.sap.com/hana ▶ *SAP HANA Options* > *SAP HANA Real-Time Replication* > *System Administration and Maintenance Information*.

More Information

For more information about Central Finance, see SAP Help Portal at http://help.sap.com/sfin200 ▶ *Application Help* > *<Language>* > *Central Finance*.

3.1.3 Deployment Options for SAP Cash Management powered by SAP HANA

The following graphic describes the deployment options supported by SAP Cash Management powered by SAP HANA:



For more information, see SAP Help Portal at http://help.sap.com/sfin200 ▶ *Application Help* ▶ *SAP Library* ▶ *<Language>* ▶ *SAP ERP* ▶ *SAP Cash Management powered by SAP HANA*, and the following guides on SAP Help Portal at http://help.sap.com/erp-inst ▶ *SAP ERP Add-Ons* ▶ *SAP Simple Finance, On-Premise Edition*:

- *Data Setup Guide for SAP Cash Management powered by SAP HANA*
  Some technical steps are required in the system before you can use SAP Cash Management powered by SAP HANA. These steps, which apply to both new and existing customers, are described in this guide.
- *Configuration Guide for SAP Cash Management powered by SAP HANA*

4 Installation and Migration Process

4.1 Introduction

This chapter gives you an overview of the process steps required to enable SAP Simple Finance, On-Premise Edition to run on SAP HANA. It also provides references to the documentation required for the process steps.

In contrast to Accounting in SAP enhancement package 7 for SAP ERP 6.0 and the classic database approach, SAP Simple Finance, On-Premise Edition comes with a simplified data model. HANA views replace totals tables and application index tables and these HANA views have the same technical names as the previously used tables. In addition, accounting and controlling documents have been replaced with universal journal entries, and the tables `FAGLFLEXA` and `COEP` have been replaced with table `ACDOCA`.

This simplified data model has the following benefits:

- Reduced data redundancy with higher data throughput
- Greater flexibility
- Reduced data volume and better performance
- No reconciliation between FI and CO components
- More information in reports, for example, CO data in FI reports
- Unified currency concept

Due to this simplified data model, you must migrate the application data during the implementation of SAP Simple Finance.

4.1.1 Installation and Upgrade of SAP Simple Finance, On-Premise Edition

Overview

SAP Simple Finance, On-Premise Edition supports various installation and upgrade scenarios, as described below.

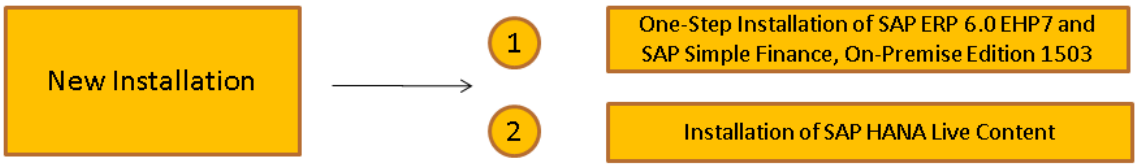
➔ Recommendation

Please take the following into serious consideration:

- Complete an analysis and effort estimation before installing SAP Simple Finance, On-Premise Edition.
- SAP Simple Finance requires application consultants with in-depth FI, CO, and Asset Accounting knowledge to be involved in the preparation of the data migration **before the installation**. Possible existing data inconsistencies must be resolved **before** the installation, not **after**.
- The migration of SAP Simple Finance is **irreversible**.

New System Installation

You install SAP ERP 6.0 EHP7 and SAP Simple Finance, On-Premise Edition in one step using an installation load on the Software Download Corner (SWDC) and the tool `SWPM`. Subsequently, you install and activate the other required components, as described below:

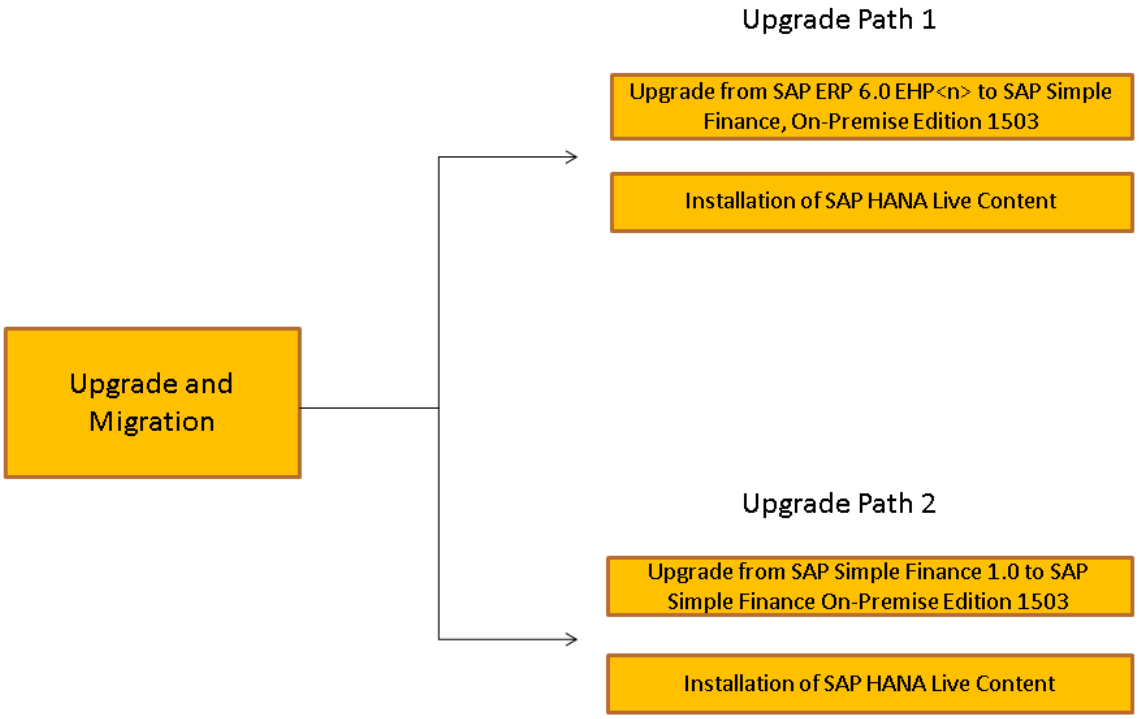


> ### Caution
>
> A two-step installation, that is, the installation of SAP ERP 6.0 EHP7 and of SAP Simple Finance, On-Premise Edition, only applies if you plan to use Best-Practice Packages (BPRs). For this preconfiguration, you must also perform a migration of the configuration settings. For more information, see SAP Note 2175179.

> ### Caution
>
> Under certain conditions, a new installation requires the migration of application configuration. For more information about the supported migration paths, see SAP Note 2185245.

Upgrade and Migration

You can either upgrade from SAP ERP 6.0 EHP <n> to SAP Simple Finance, On-Premise Edition, or from SAP Simple Finance for SAP Business Suite powered by SAP HANA 1.0 to SAP Simple Finance, On-Premise Edition 1503. SAP Simple Finance, On-Premise Edition 1503 with the latest SPS is the recommended go-to release.



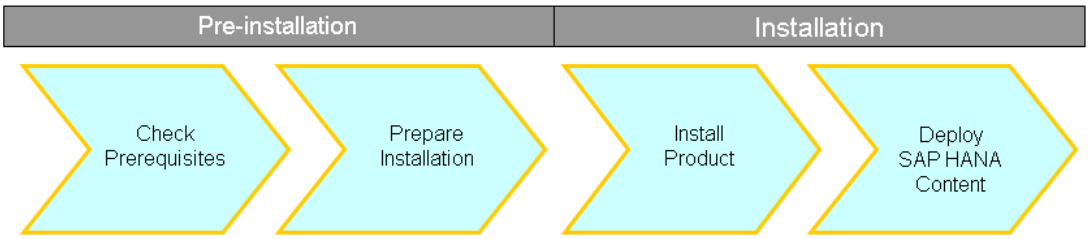
Additional Configuration

When you have completed the installation or migration process, you can start the configuration of additional features offered by SAP Simple Finance. For more information, see the following guides on SAP Help Portal at http://help.sap.com/erp *SAP ERP Add-Ons* *SAP Simple Finance*:

- *Configuration Guide for SAP Simple Finance, On-Premise Edition*
- *Data Setup Guide for SAP Cash Management powered by SAP HANA*
  Some technical steps are required in the system before you can use SAP Cash Management powered by SAP HANA. These steps, which apply to both new and existing customers, are described in this guide.
- *Configuration Guide for SAP Cash Management powered by SAP HANA*

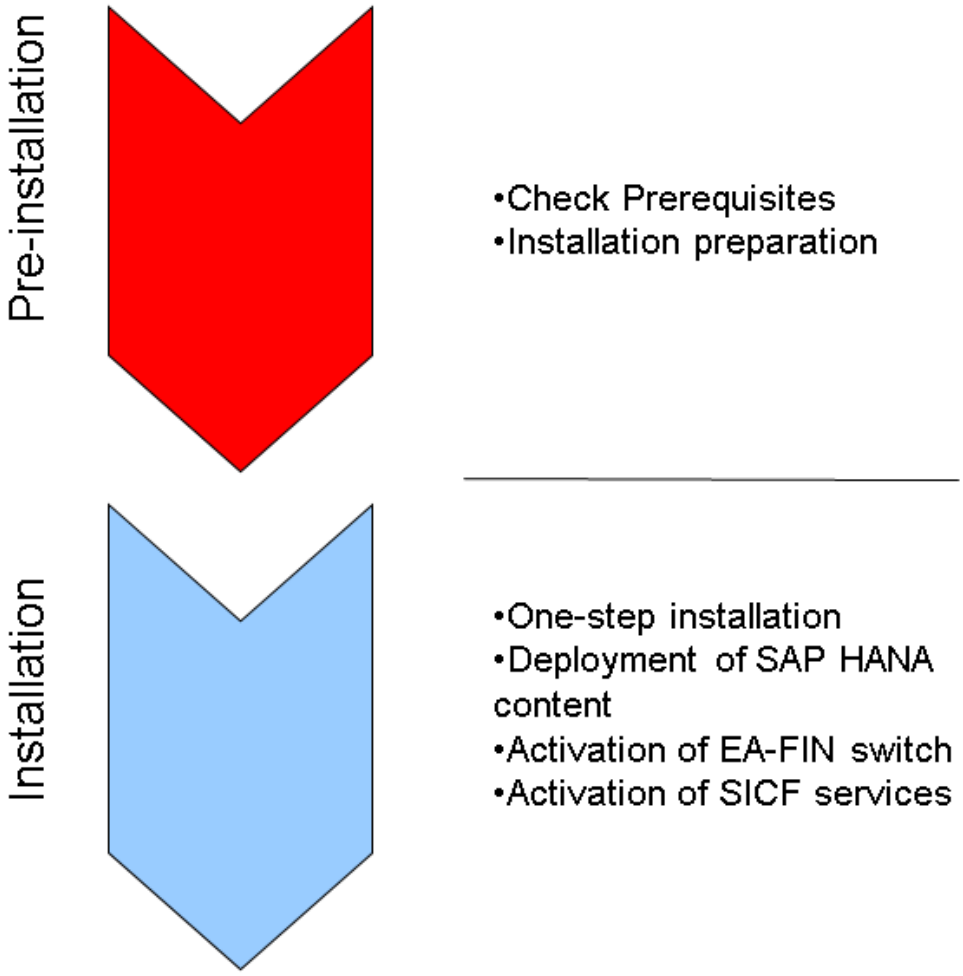
New System Installation

The installation sequence of SAP Simple Finance, On-Premise Edition is as follows:



Pre-Installation Steps

The pre-installation steps are outlined and described in the following graphic and table:

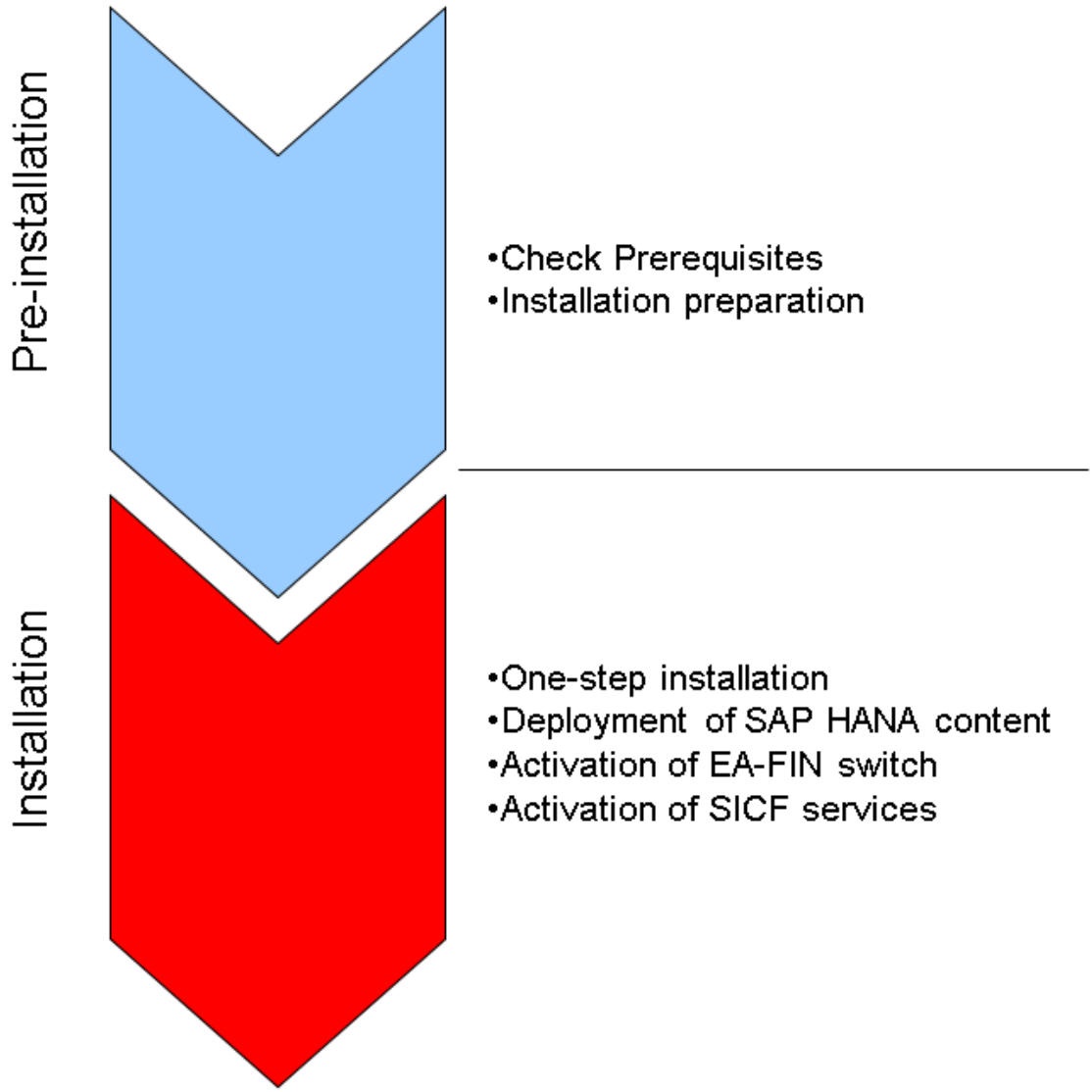


Pre-Installation Steps

	Relevance	Responsibility	Description and Further Information
Check prerequisites	Mandatory	Project lead supported by application consultants	For more information, see the Release Scope Information Notes for SAP Simple Finance, On-Premise Edition (2119188), as well as the release restrictions listed in SAP Note 2127080 (release 2.0).
Prepare installation	Mandatory	System Administrator	The one-step installation uses SWPM. **➔ Recommendation** Before you install SAP Simple Finance, please read SAP Note *Release Information Note: SAP Simple Finance, On-Premise Edition* (2117481).

Installation Steps (One-Step, New System Installation)

The installation steps are outlined and described in the following graphic and table:



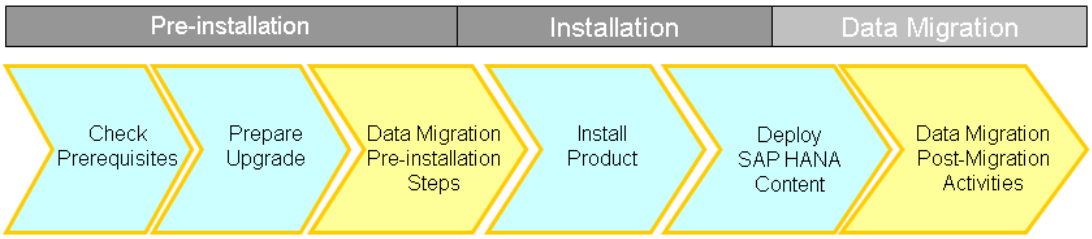
Installation Steps

Step	Relevance	Responsibility	Description and Further Information
Install SAP Simple Finance	Mandatory	Application Consultant	Install SAP Simple Finance and SAP ERP 6.0 EHP 7 using the installation load (SWPM).
Deploy SAP HANA content	Mandatory	Application Consultant	Deploy the SAP HANA Content using SAP HANA Application Lifecycle Management.
Activate *Financials Extensions* (EA-FIN)	Mandatory	Application Consultant	Activate the *Financials Extension* (EA-FIN) SFW switch. You do this in transaction *Switch Framework* (SFW5).
Apply important bug fixes	Mandatory	Application Consultant	Before you install SAP Simple Finance, please read SAP Note *Release Information Note: SAP Simple Finance, On-Premise Edition* (2117481) and apply the bug fixes that are described in this note.
Activate SICF services	Mandatory	Application Consultant	For more information, see SAP Note *SAP Simple Finance, on-premise edition: ICF Service Information* (1974650).
Install Business Planning and Consolidation	Optional	System Administrator	SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver is required for the following apps: • *Develop Liquidity Plans* • *Liquidity Plans* For more information, see the Installation Guide for SAP Business Planning and Consolidation 10.1 on SAP Help Portal at http://help.sap.com/bopac.

Step	Relevance	Responsibility	Description and Further Information
Install Business Planning and Consolidation	Optional	System Administrator	SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver is required for the following apps: • *Develop Liquidity Plans* • *Liquidity Plans* For more information, see the Installation Guide for SAP Business Planning and Consolidation 10.1 on SAP Help Portal at http://help.sap.com/bopac.
Install Business Planning and Consolidation	Optional	System Administrator	SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver is required for the following apps: • *Develop Liquidity Plans* • *Liquidity Plans* For more information, see the Installation Guide for SAP Business Planning and Consolidation 10.1 on SAP Help Portal at http://help.sap.com/bopac.
Upgrade to SAP NetWeaver 7.40 SPS 12 and apply SAP Notes listed in release information note 2138445.	Optional	System Administrator	These steps are mandatory if you want to use Liquidity Management in Cash Management and the following apps: • *Develop Liquidity Plans* • *Liquidity Plans* • *Cash Flow - Detailed Analysis*

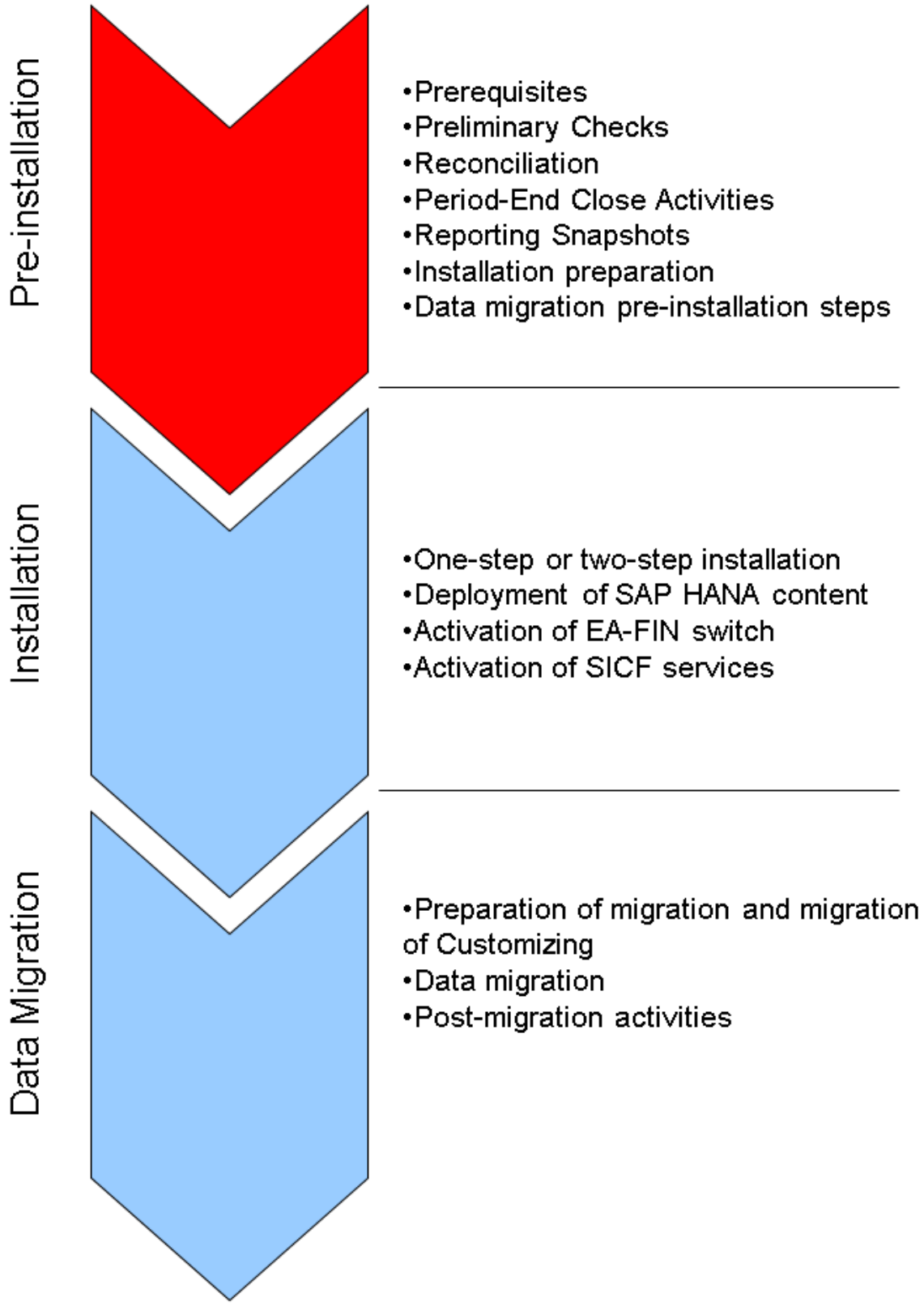
Upgrade and Migration

The upgrade sequence of SAP Simple Finance, On-Premise Edition is as follows:



Pre-Installation Steps

The pre-installation steps are outlined and described in the following graphic and table:



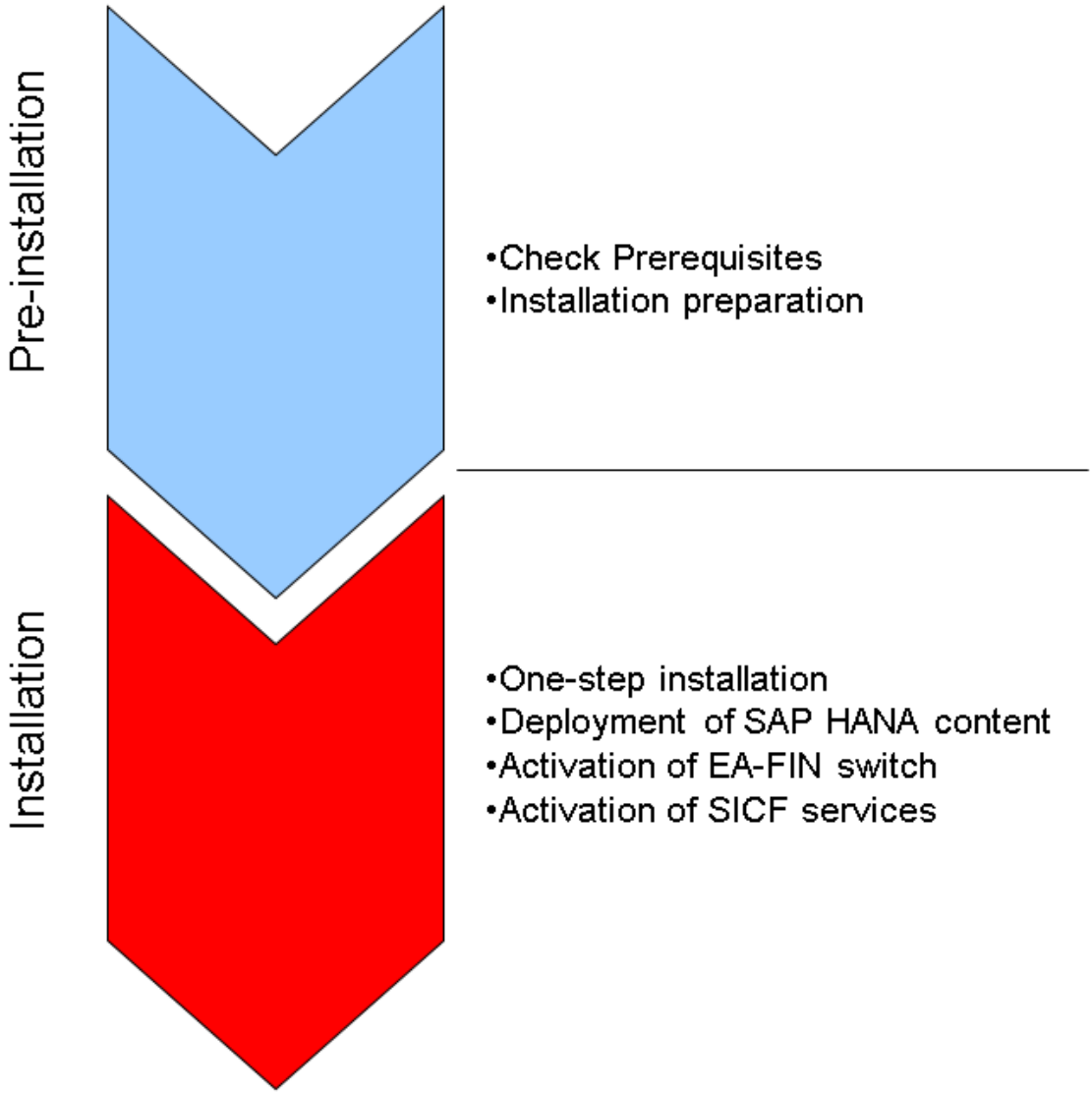
Pre-Installation Steps

	Relevance	Responsibility	Description and Further Information
Pre-installation steps	Mandatory	Project lead supported by application consultants	For more information, see the Release Scope Information Notes for SAP Simple Finance, On-Premise Edition (2119188), as well as the release restrictions listed in SAP Note 2127080 (release 2.0).
Check functional scope and restrictions	Not required for *new* SAP ERP installations	Project lead supported by System Administrator	For more information about compatible add-ons, see SAP Note 2103558. For standard custom development add-ons for SAP ERP, contact SAP Custom Development. For partner or third-party add-ons, see SAP Note 2100133.
Check whether the technical installation or upgrade is possible	Not required for new SAP ERP installations	Project lead supported by developers	For more information, see SAP Library on SAP Help Portal at http://help.sap.com/sfin200 ▶ *Installation and Upgrade Information* ▶ *Migration Guide* ▶ *<Language>* ▶ *Migration to SAP Accounting powered by SAP HANA* ▶ *Prior to Installing* ▶ *Check Customer-Defined Coding*.
Check custom code and modifications	Recommended	System Administrator	For more information, see https://www.sap.com/about/benchmark/sizing.html.

	Relevance	Responsibility	Description and Further Information
Check sizing	Mandatory	System Administrator	The installation of SAP Simple Finance requires the use of the Software Update Manager (SUM) in combination with the Maintenance Optimizer (MOPZ) to install SAP Simple Finance. **➔ Recommendation** Before you install SAP Simple Finance, please read SAP Note *Release Information Note: SAP Simple Finance, On-Premise Edition* (2117481).
Prepare installation or upgrade Prepare data migration Preliminary checks Period-End Closing Activities Reporting Snapshots	Mandatory	Application Consultant	For more information, see SAP Library on SAP Help Portal at http://help.sap.com/sfin200 ▸ *Installation and Upgrade Information* ▸ *Migration Guide* ▸ *<Language>* ▸ *Migration to SAP Accounting powered by SAP HANA* ▸ *Prior to Installing*.

Installation Steps

The installation steps are outlined and described in the following graphic and table:



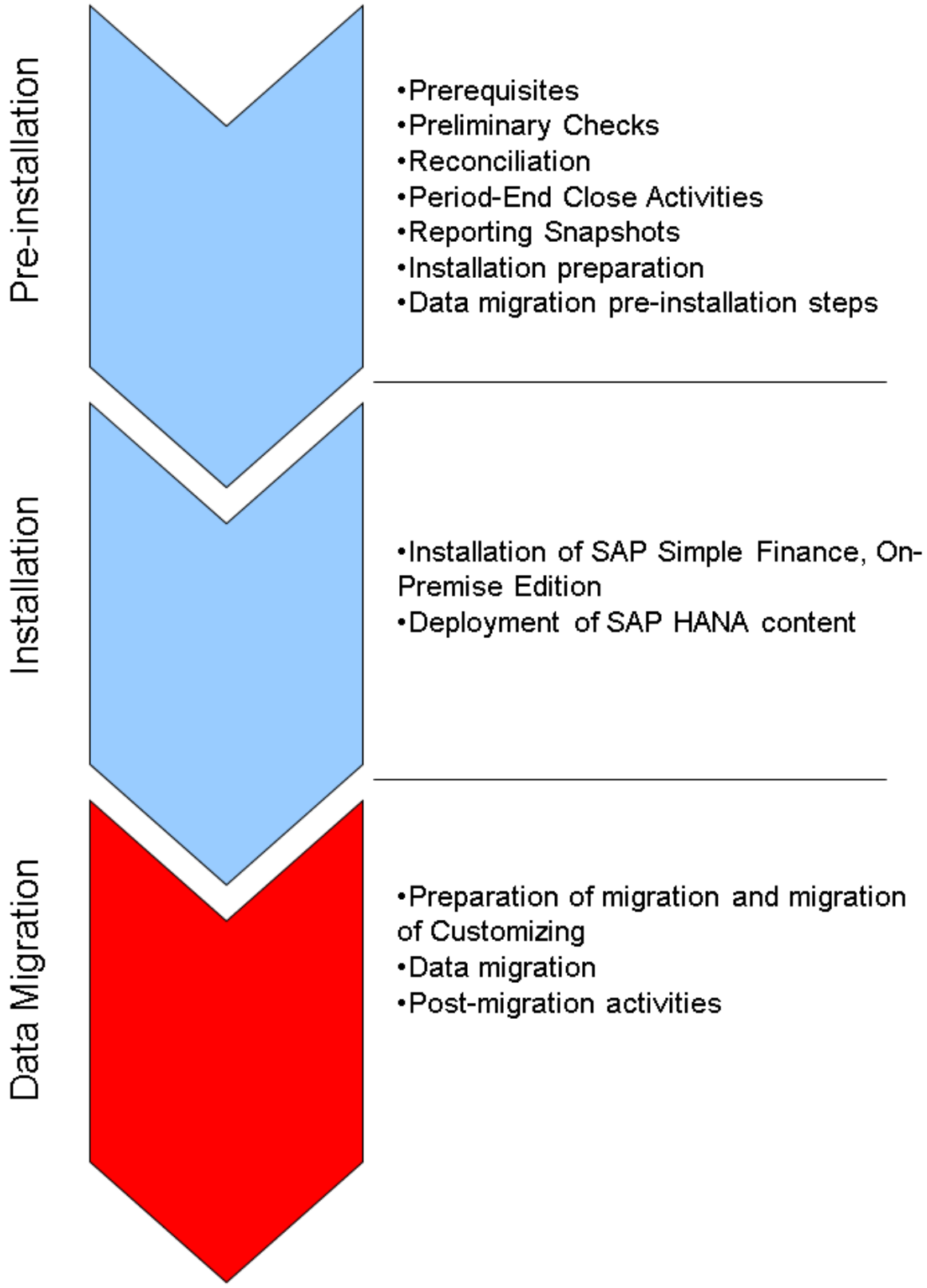
Installation Steps

Step	Relevance	Responsibility	Description and Further Information
Apply important bug fixes	Mandatory	Application Consultant	Before you install SAP Simple Finance, please read SAP Note *Release Information Note: SAP Simple Finance, On-Premise Edition* (2117481) and apply the bug fixes that are described in this note.
Install SAP Simple Finance	Mandatory	Application Consultant	Install the SAP Simple Finance using Software Update Manager (SUM).
Deploy SAP HANA content	Mandatory	Application Consultant	Deploy the SAP HANA Content using SAP HANA Application Lifecycle Management.
Activate *Financials Extensions* (`EA-FIN`)	Mandatory	Application Consultant	Activate the *Financials Extension* (`EA-FIN`) SFW switch. You do this in transaction *Switch Framework* (`SFW5`).
Apply important bug fixes	Mandatory	Application Consultant	Before you install SAP Simple Finance, please read SAP Note *Release Information Note: SAP Simple Finance, On-Premise Edition* (2117481) and apply the bug fixes that are described in this note.
Activate SICF services	Mandatory	Application Consultant	For more information, see SAP Note *SAP Simple Finance, on-premise edition: ICF Service Information* (1974650).

Step	Relevance	Responsibility	Description and Further Information
Install Business Planning and Consolidation	Optional	System Administrator	SAP Business Planning and Consolidation 10.1, version for SAP NetWeaver is required for the following apps: • *Develop Liquidity Plans* • *Liquidity Plans* For more information, see the Installation Guide for SAP Business Planning and Consolidation 10.1 on SAP Help Portal at http://help.sap.com/bopac.
Upgrade to SAP NetWeaver 7.40 SPS 12 and apply SAP Notes listed in release information note 2138445.	Optional	System Administrator	These steps are mandatory if you want to use Liquidity Management in Cash Management and the following apps: • *Develop Liquidity Plans* • *Liquidity Plans* • *Cash Flow - Detailed Analysis*

Data Migration Steps

The data migration steps are outlined and describe in the following graphic and table:



Migration of Customizing

Step	Relevance	Responsibility	Description and Further Information
Migrate cost elements and Customizing	Mandatory	Application Consultant	For more information, see SAP Library on SAP Help Portal at http://help.sap.com/sfin200 *Installation and Upgrade Information* *Migration Guide* *<Language>* *Migration to SAP Accounting powered by SAP HANA* *Migration*.
Check transaction data			
Enrich data			
Migrate documents and line items to data structure			
Migrate balances			
Complete the migration			
Migrate house bank accounts			
Reconcile business and activities	Recommended	Application Consultant	For more information, see SAP Library on SAP Help Portal at http://help.sap.com/sfin200 *Installation and Upgrade Information* *Migration Guide* *<Language>* *Migration to SAP Accounting powered by SAP HANA* *Activities to be Executed After the Migration*.
Prepare for productive start			

4.1.2 Technical Installation of SAP Simple Finance, On-Premise Edition

Use

The use of the Software Update Manager (SUM) is mandatory if you want to install the SAP Simple Finance, On-Premise Edition. This includes the implementation of support packages.

The Maintenance Optimizer in SAP Solution Manager is the central point of access for all maintenance activities. It supports the installation of updates and upgrades, completely manages the maintenance activities for your whole solution, and is centrally accessible from SAP Solution Manager. The Maintenance Optimizer is used to calculate and create a consistent target stack XML file for the installation of SAP Simple Finance, and to add the required software packages to the download basket.

The Maintenance Optimizer in SAP Solution Manager is the central point of access for all maintenance activities. It supports the installation of updates and upgrades and completely manages the maintenance activities for your

whole solution, centrally accessible from inside SAP Solution Manager. You can find more information under https://support.sap.com/en/solution-manager/processes-72/maintenance-planner.html.

Note

With SAP Simple Finance, On-Premise Edition 1503, the software component versions `EA-FIN 720` and `FSCM_CCD 720` are empty but still delivered for technical reasons. Consequently, no support packages are delivered for these software component versions. Do not select these components when you update your installation.

The Software Update Manager facilitates SAP NetWeaver-based application system upgrades, enhancement package installations, and support package installations, and consolidates them with a harmonized user interface. The Software Update Manager is shipped as part of the Software Logistics Toolset (SL Toolset) 1.0, independently of the applications. The use of the SUM is mandatory if you want to install SAP Simple Finance. The Add-On Installation Tool (`SAINT`) and the Software Update Manager (`SPAM`) **are not** supported. Prerequisites for the underlying ABAP stack (SAP enhancement package 7 for SAP ERP 6.0 and SAP Netweaver 7.40) are included automatically when you use the target stack XML file created with MOPZ.

Recommendation

Always download the latest versions of SUM with the latest available support package stack, as they contain the latest corrections and are updated regularly. To install SAP Simple Finance, the minimum required SUM version is SUM 1.0 SPS 12.

If you upgrade from a SAP ERP 6.0 system using the database migration option (DMO) of SUM, you can include the database migration to SAP HANA.

For more information about SUM, see the following SAP Notes:

- *Central Note - Software Update Manager 1.0* (1843776)
- *Database Migration Option (DMO) of SUM* (1813548)

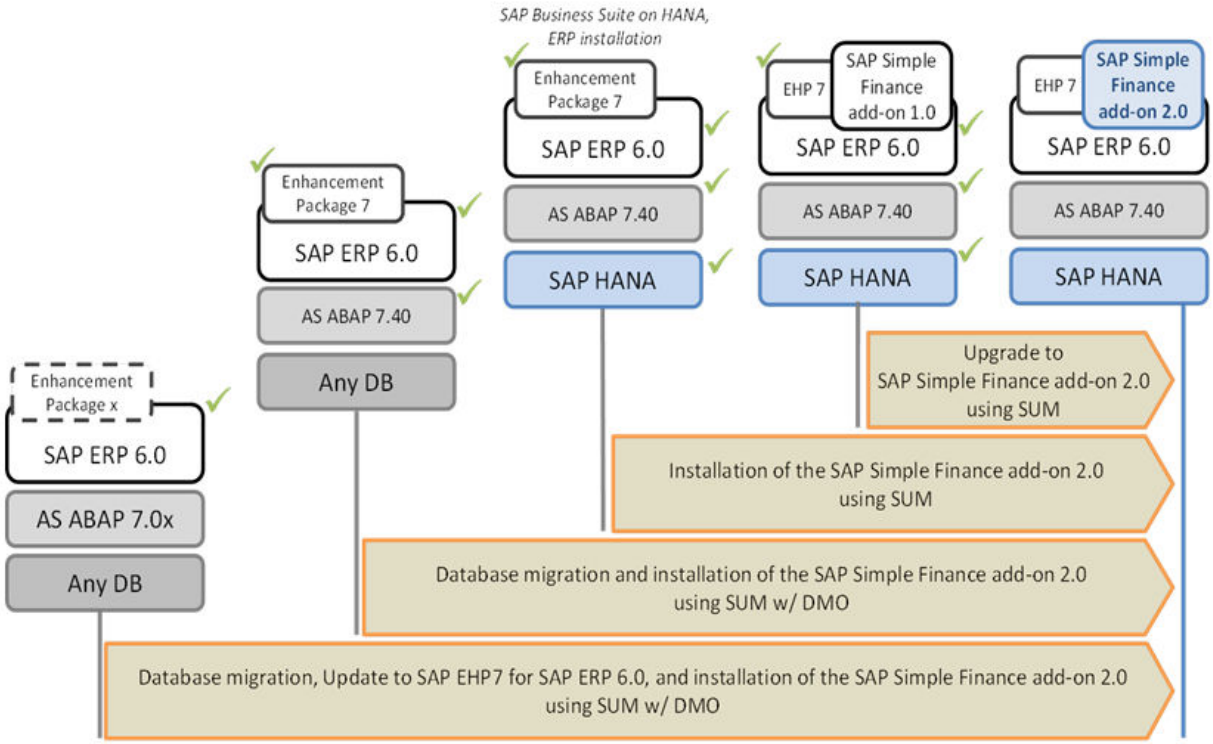
Note

When you install SAP Simple Finance, you must select `SAP SFINANCIALS 2.0` in the list of available add-ons (step 2.3 *Choose Add-On Products*).

Note

If you have added customer-specific fields to the SAP standard accounting tables, you must generate dependent views again after you have applied support package stack 1511.

The below figure shows the possible upgrade paths to install and migrate to SAP Finance, depending on your current system setup, and is followed by an explanation:



Caution

- As SAP Simple Finance, On-Premise Edition does not support classical databases, you must migrate to SAP HANA before the installation of SAP Simple Finance. You cannot migrate to SAP HANA after the installation of SAP Simple Finance.
- SAP Note 1970542 lists the SAP Notes for SAP NetWeaver required for SAP Simple Finance.

Option 1 and 2

This involves the installation of or upgrade to SAP Simple Finance.

If you are using an ERP installation of SAP Business Suite on HANA, that is, SAP enhancement package 7 for SAP ERP 6.0 on SAP HANA, you install SAP Simple Finance using SUM and you perform the migration steps described in the overview section of this chapter.

Option 3

This involves the installation of SAP Simple Finance using the DMO of SUM.

> **Note**
>
> If you are using SAP enhancement package 7 for SAP ERP 6.0, but not SAP HANA, consider combining the database migration to SAP HANA and the installation of SAP Simple Finance in one step using the DMO of SUM.

Option 4

This involves updating to SAP enhancement package 7 for SAP ERP 6.0 and the installation and migration to SAP Simple Finance using the DMO of SUM.

> **Note**
>
> If you are using SAP ERP 6.0 without an enhancement package or an enhancement package level that is less than 7, consider combining the database migration to SAP HANA, the update to SAP enhancement package 7 for SAP ERP 6.0, and the installation of SAP Simple Finance into one step using the DMO of SUM. You can run separate projects to update to SAP enhancement package 7 for SAP ERP 6.0 and SAP Simple Finance. The best option depends on the local situation, the ERP functions used, and other factors.

Data Model of SAP Simple Finance, On-Premise Edition

In SAP Simple Finance Add-on 1.0, totals and application index tables were removed and replaced by equally named DDL SQL views during the add-on installation, also known compatibility views, as described below:

Original Table	Compatibility View (equally named view in DDIC)	DDL Source (for the equally named DDIC view)	Backup Table (for original table content)
BSAD	BSAD	BSAD_DDL	BSAD_BCK
BSAK	BSAK	BSAK_DDL	BSAK_BCK
BSAS	BSAS	BSAS_DDL	BSAS_BCK
BSID	BSID	BSID_DDL	BSID_BCK
BSIK	BSIK	BSIK_DDL	BSIK_BCK
BSIS	BSIS	BSIS_DDL	BSIS_BCK
FAGLBSAS	FAGLBSAS	FAGLBSAS_DDL	FAGLBSAS_BCK
FAGLBSIS	FAGLBSIS	FAGLBSIS_DDL	FAGLBSIS_BCK
GLT0	GLT0	GLT0_DDL	GLT0_BCK
KNC1	KNC1	KNC1_DDL	KNC1_BCK
KNC3	KNC3	KNC3_DDL	KNC3_BCK
LFC1	LFC1	LFC1_DDL	LFC1_BCK
LFC3	LFC3	LFC3_DDL	LFC3_BCK
COSP	COSP	V_COSP_DDL	COSP_BAK
COSS	COSS	V_COSS_DDL	COSS_BAK
FAGLFLEXT	FAGLFLEXT	V_FAGLFLEXT_DDL	FAGLFLEXT_BCK

The compatibility views ensure that database SELECTs work as before.

In SAP Simple Finance, On-Premise Edition, additional tables have been partially replaced with *Universal Journal* (ACDOCA), as described below:

Original Table	Compatibility View (view in DDIC for redirect)	DDL Source (for the equally named DDIC view)	View to read the content of the database table (w/o redirect to compatibility view)
ANEA	FAAV_ANEA	FAA_ANEA	FAAV_ANEA_ORI
ANEK	FAAV_ANEK	FAA_ANEK	FAAV_ANEK_ORI
ANEP	FAAV_ANEP	FAA_ANEP	FAAV_ANEP_ORI
ANLC	FAAV_ANLC	FAA_ANLC	FAAV_ANLC_ORI
ANLP	FAAV_ANLP	FAA_ANLP	FAAV_ANLP_ORI
BSIM	V_BSIM	BSIM_DDL	V_BSIM_ORI
CKMI1	V_CKMI1	V_CKMI1_DDL	V_CKMI1_ORI
COEP	V_COEP	V_COEP	V_COEP_ORI
FAGLFLEXA	FGLV_FAGLFLEXA	FGL_FAGLFLEXA	V_FAGLFLEXA_ORI
MLCD	V_MLCD	V_MLCD_DDL	V_MLCD_ORI
MLCR	V_MLCR	V_MLCR_DDL	V_MLCR_ORI
MLHD	V_MLHD	V_MLHD_DDL	V_MLHD_ORI
MLIT	V_MLIT	V_MLIT_DDL	V_MLIT_ORI
MLPP	V_MLPP	V_MLPP_DDL	V_MLPP_ORI
T012K	V_T012K_BAM	V_T012K_BAM_DDL	V_T012K_MIG
T012T	V_T012T_BAM	V_T012T_DDL	V_T012T_MIG
FMGLFLEXA	FGLV_FMGLFLEXA	FGL_FMGLFLEXA	V_FMGLFLEXA _ORI
FMGLFLEXT	FGLV_FMGLFLEXT	FGL_FMGLFLEXT	V_FMGLFLEXT _ORI
PSGLFLEXA	FGLV_PSGLFLEXA	FGL_PSGLFLEXA	-
PSGLFLEXT	FGLV_PSGLFLEXT	FGL_PSGLFLEXT	-
JVGLFLEXA	FGLV_JVGLFLEXA	FGL_JVGLFLEXA	V_JVGLFLEXA _ORI
JVGLFLEXT	FGLV_JVGLFLEXT	FGL_JVGLFLEXT	V_JVGLFLEXT _ORI
ZZ<CUST>A	ZFGLV_GLSI_C<number>	ZFGL_GLSI_C<number>	-
ZZ<CUST>T	ZFGLV_GLTT_C<number>	ZFGL_GLTT_C<number>	-

> **Note**
>
> To access the old original data in the related tables, you can use the views V_<tablename>_ORI.

More Information

The following table provides more installation and upgrade information for SAP HANA, SAP NetWeaver 7.40, SAP enhancement package 7 for SAP ERP 6.0, SUM and DMO:

Description	Location
SAP Enhancement Package 7 for SAP ERP 6.0 – Installation and Upgrade Information	http://help.sap.com/erp_607
SAP Netweaver 7.40 – Installation and Upgrade Information	http://help.sap.com/nw74

Description	Location
SAP HANA Platform – Installation and Upgrade Information	http://help.sap.com/hana_platform
Software Update Manager (SUM)	http://support.sap.com/sltoolset *Software Logistics Toolset 1.0* > *SUM*
Database Migration Option (DMO) for Software Update Manager	SAP Note 1813548
Central SAP Note – Software Update Manager 1.0 SP09 [lmt_005]	SAP Note 1843776

4.1.3 Technical Installation of SAP HANA Live 2.0, Virtual Data Model for SAP Simple Finance, On-Premise Edition

Use

The installation of the SAP HANA Live 1.0 product is not automatically included during the installation of the Simple Finance, on-premise edition. Install SAP HANA Live 1.0 for SAP Simple Finance (`SAP HANA ANALY. FOR SFIN 1.0`) in a two-step approach using the SAP HANA Application Lifecycle Management (HALM), after the installation of SAP Simple Finance, as described in the following table:

Step	Product Version (Technical Name)	Included Software Component (Technical Name)	Procedure
Deploy content of ECC HANA Live package	SAP HANA Live 1.0 for SAP ERP (`SAP HANA ANALYTICS FOR ERP 1.0`)	HANA CONTENT HBA SAP ECC 100 (`HCO_HBA_ECC 100`)	You can ignore the activation errors that may occur.
Deploy content of the SAP Simple Finance ANA Live package	SAP HANA Live for SAP Simple Finance, On-Premise Edition 1503 (`SAP HANA FOR ANALY. FOR SFIN 1503`)	HANA CONTENT HBA SAP SFIN 200 (`HCO_HBA_SFIN700 200`)	Apply this package. No HANA view activation errors should occur.

The installation procedure for the integrated scenario is less effort compared to a side-by-side SAP HANA Live installation. In the integrated scenario, you do not need to create and replicate the database tables as they are already available in the SAP HANA database. They are maintained through the data dictionary of the corresponding ABAP application server. Therefore, table creation and data replication are not relevant.

Since the ABAP server creates all tables in one specific database catalog schema (typically <SAPSID>), this needs to be mapped to the authoring schema of the imported content packages.

You use SAP HANA Application Lifecycle Management (HALM). For more information, see:

- SAP Note *Release Notes for SAP HANA Application Lifecycle Management for SAP HANA SPS 09* (2073243)

- SAP HANA Administration Guide on SAP Help Portal at http://help.sap.com/hana_platform ▶ *System Administration and Maintenance Information* ▶ *SAP HANA Administration Guide* ▶ *System Administration* ▶ *SAP HANA Application Lifecycle Management* ▶ *Installing and Updating Add-On Products and Software Components* ▶
  To install SAP Simple Finance, start a command line client, navigate to the directory where `hdbalm` is located, and enter the **`install`** command with the required options.

More Information

The following table provides links to more installation and upgrade information not covered in this document:

Description	Location	Comment
SAP HANA Live for SAP Business Suite 1.0 – Installation and Upgrade Information	http://help.sap.com/hba	Provides more information about using SAP HANA Live in the integrated scenario and the installation information for Virtual Data Models.
SAP HANA Application Lifecycle Management	http://help.sap.com/hana_appliance	Provides more information about how to configure the SAP HANA Application Lifecycle Management.

5 Operation Information

5.1 Introduction

This chapter gives you an overview of the operations topics relevant for SAP Simple Finance, On-Premise Edition and applies in addition to the operation information available in the SAP enhancement package 7 for SAP ERP 6.0 Operations Guide available on http://help.sap.com/erp607 *System Administration and Maintenance Information*.

Log Objects

SAP Simple Finance, On-Premise Edition provides the following log objects in the *Analyse Application Log* (SLG1) transaction:

Component	Object	Subobject	Description
SAP_FIN 720	FINS	FINS_BCF	Balance carryforward
SAP_FIN 720	FINS	FINS_MIG	Data migration (general)
SAP_FIN 720	FINS	FINS_MIG_BCF	Data migration: Initial Balance Carryforward
SAP_FIN 720	FINS	FINS_RECON	Data migration reconciliation
SAP_FIN 720	FINS	FINS_GENERATE	Generation of CDS Views
SAP_FIN 720	FQM	LOAD	Loading the Exposure Hub
SAP_FIN 720	FINS	FINS_CFIN_INITLOAD	Initial Load of documents into Central Finance
SAP_FIN 720	FINS	FINS_CUST_CHECK	Check of customizing settings
SAP_FIN 720	FINS	F150_SEL	SFIN Additional Log for Dunning Run
SAP_FIN 720	SFIN_CGLT	MIGRATION	Migration of customer G/L tables into the standard

Remote Support Setup

The *Root Cause Analysis: Display Role for SAPSUPPORT User* (`SAP_RCA_SAT_DISP`) role (for ABAP-based components) provides secure, read-only access to transactions and administration UIs.

For more detailed information about remote support setups, see the section Remote Support Setup in the SAP enhancement package 7 for SAP ERP 6.0 Operations Guide available on http://help.sap.com/erp607 ▶ *System Administration and Maintenance Information* ▶.

More Information

SAP HANA behaves like a regular database and therefore does not necessarily require other operating activities. However, the following table outlines the documents available:

Document Name	Description	Location
Solution Life Cycle Management	Provides information about solution life cycle management.	http://help.sap.com/ ▶ *SAP Netweaver* ▶ *SAP NetWeaver Platform* ▶ *SAP NetWeaver 7.4* ▶ *Application Help* ▶ *Function-Oriented View* ▶ *Solution Life Cycle Management* ▶
SAP HANA Technical Operations Manual (TOM)	Provides information about database management	http://help.sap.com/ ▶ *SAP In-Memory Computing* ▶ *SAP HANA Platform* ▶ *System Administration and Maintenance Information* ▶ *SAP HANA Technical Operations Manual (TOM)* ▶
Administration of Application Server ABAP	Provides information about tools for monitoring, administration, and configuration.	http://help.sap.com/ ▶ *SAP Netweaver* ▶ *SAP NetWeaver Platform* ▶ *SAP NetWeaver 7.4* ▶ *System Administration and Maintenance Information* ▶ *System Administration and Maintenance Information* ▶ *Technical Operations for SAP NetWeaver* ▶ *Administration of Application Server ABAP* ▶

5.1.1 Support Packages and Patch Implementation

If you encounter problems with SAP Simple Financeon-premise edition, you can create a customer messages on SAP Support Portal at https://support.sap.com/en/my-support/incidents.html using the same application components as for SAP enhancement package 7 for ERP 6.0 (for example, the application components below FI, CO, FIN-FSCM).

The release information about support packages for SAP Simple Finance, On-Premise Edition is explained in SAP Note 2117481.

5.1.2 Data Aging

Use

Data aging enables you to move large amounts of data within a database so as to gain more working memory. The data is moved from the *hot area* to the *cold area* according to the data temperature that you have specified. You can use data aging for your financial accounting documents (data aging object `FI_DOCUMENT`). Data aging enables you to perform queries on large numbers of financial accounting documents in a much shorter time. You can specify the minimum number of days or years for which a financial accounting document needs to have been in the system before it can be moved. You can specify different settings for each document type and account type.

Prerequisites

To use data aging, proceed as follows:

- Activate the *Data Aging* `DAAG_DATA_AGING` business function using the switch framework (transaction `SWF5`). For more information on data aging, see SAP Help Portal at http://help.sap.com *SAP Netweaver* > *SAP NetWeaver Platform* > *SAP NetWeaver 7.4* > *Application Help* > *Function-Oriented View* > *Solution Life Cycle Management* > *Data Aging*.
- Define the data aging parameters for the data object `FI_DOCUMENT` according to account types and document types.

More Information

For more information, see SAP Help Portal at http://help.sap.com *SAP Business Suite* > *SAP HANA Innovations for SAP Business Suite* > *Products Powered by SAP HANA* > *SAP Simple Finance* > *SAP Simple Finance, On-Premise Edition* > *Application Help* > *SAP ERP* > *SAP ERP Central Component* > *Accounting* > *SAP Simple Finance, On-Premise Edition* > *Data Aging for Financial Accounting Documents*.

6 Security Information

6.1 Introduction

This chapter gives you an overview of the settings for SAP Simple Finance, On-Premise Edition.

SAP Simple Finance, On-Premise Edition is based on SAP ERP 6.0, SAP Netweaver, SAP HANA, and SAP HANA Live. To comply with security settings for SAP Simple Finance, you need to check the information provided in documents referenced in the following table:

Description	Link
Provides information on security settings for SAP Simple Finance, On-Premise Edition.	For more information, see SAP Help Portal at http://help.sap.com/sfin200 ▶ *Security Information* ▶ *Security Guide* ▶ *<Language>* ▶ *SAP ERP Central Component Security Guide* ▶ *Accounting* ▶.
Provides information on the SAP NetWeaver security settings.	http://help.sap.com ▶ *SAP NetWeaver* ▶ *SAP NetWeaver Platform* ▶ *SAP NetWeaver 7.4* ▶ *Security Information* ▶ *Security Guide* ▶
Provides information on SAP HANA security settings.	http://help.sap.com ▶ *SAP In-Memory Computing* ▶ *SAP HANA* ▶ *SAP HANA Platform* ▶ *Security Information* ▶
Provides information on SAP HANA Live including security settings.	http://help.sap.com ▶ *SAP Business Suite* ▶ *SAP HANA Innovations for SAP Business Suite* ▶ *SAP HANA Live for SAP Business Suite* ▶ *Installation, Security, Configuration, and Operations Information* ▶ *Administrator's Guide* ▶

6.1.1 User Administration and Authentication

SAP Simple Finance, On-Premise Edition uses the user administration and authentication mechanisms provided with SAP ERP and the SAP NetWeaver platform. Therefore, the security recommendations and guidelines for user administration and authentication as described in the SAP ERP Central Component Security Guide also apply to SAP Simple Finance.

For more information, see SAP Help Portal at http://help.sap.com ▶ *SAP Business Suite* ▶ *SAP HANA Innovations for SAP Business Suite* ▶ *Products powered by SAP HANA* ▶ *SAP Simple Finance* ▶ *SAP Simple Finance, On-Premise Edition* ▶ *Application Help* ▶ *<Language>* ▶ *SAP ERP Cross-Application Functions* ▶ *SAP ERP Security Guide* ▶ *SAP ERP Central Component Security Guide* ▶ *User Administration and Authentication* ▶.

6.1.2 SAP NetWeaver Business Client Roles for SAP Simple Finance, On-Premise Edition

SAP Simple Finance, On-Premise Edition can be used with SAP NetWeaver Busines Client (NWBC) and offers a set of standard PFCG roles (with prefix *SAP_SFIN_*) tailored for SAP NWBC. These roles must be used with SAP NWBC only.

By default, all NWBC user roles are shown in the SAP Easy Access and you can use these to start SAP GUI transactions from SAP Easy Access.

> **Recommendation**
>
> Using the transaction `PFCG`, hide the NWBC roles used by business users from SAP Easy Access. Select the role and on the *Menu* tab, choose *Menu Options*, and select the *Hide Menu from SAP Easy Access* checkbox.

Each Web Dynpro ABAP application has a related service in the Internet Communication Framework. For using a Web Dynpro ABAP application from an internet browser, the related service has to be activated.

See SAP Note 1974650 for a list of services that should be activated in transaction `SICF` when using SAP Simple Finance NWBC user roles.

6.1.3 Authorizations

Use

SAP Simple Finance, On-Premise Edition uses the authorization concept of SAP ERP and the SAP NetWeaver platform. Therefore, the security recommendations and guidelines for authorizations as described in the SAP ERP Central Component Security Guide also apply to the SAP Simple Finance.

For more information, see SAP Help Portal at http://help.sap.com/sfin200 ▶ *Security Information* ▶ *Security Guide* ▶ *<Language>* ▶ *SAP ERP Central Component Security Guide* ▶ *Authorizations*.

Roles and Authorization Objects for SAP Simple Finance, On-Premise Edition

In addition to the standard roles and authorization objects used by the subcomponents of SAP ERP Central Component, SAP Simple Finance, On-Premise Edition uses the following roles:

Technical Name	Description
`SAP_SFIN_ACC_ACTUAL_COSTING`	*Accounting: Actual Costing*
`SAP_SFIN_ACC_ACTUAL_POSTINGS`	*Accounting: Actual Postings*
`SAP_SFIN_ACC_BUDGETING`	*Accounting: Budgeting*
`SAP_SFIN_ACC_CAP_INVEST`	*Accounting: Capital Investment Management*

Technical Name	Description
SAP_SFIN_ACC_CLOSING	*Accounting: Closing*
SAP_SFIN_ACC_MASTERDATA	*Accounting: Master Data*
SAP_SFIN_ACC_PLANNING	*Accounting: Planning*
SAP_SFIN_ACC_PRODUCT_COST	*Accounting: Product Cost Planning*
SAP_SFIN_ACC_REPORTING	*Accounting: Reporting*
SAP_SFIN_AP	*Accounts Payable*
SAP_SFIN_AR	*Accounts Receivable*
SAP_SFIN_BANKS	*Banks*
SAP_SFIN_BCM	*Bank Communication Management*
SAP_SFIN_CASH_MANAGER	*Cash Manager*
SAP_SFIN_COL	*Collections Management*
SAP_SFIN_CR	*Credit Management*
SAP_SFIN_DM	*Dispute Management*

Note

For more information on the standard roles and authorization objects used in accounting, see under the relevant the subcomponents on SAP Help Portal at http://help.sap.com *SAP Business Suite* *SAP ERP* *SAP Enhancement Package 7 for SAP ERP 6.0* *Security Information* *Security Guide* *SAP ERP Security Guides* *SAP ERP Central Component Security Guide* *Accounting*.

Recommendation

To use the roles, you must ensure your user profile has the controlling area entry under parameters. Enter CAC (*Controlling area*), under *Navigation Path* *User Profile* *Own Data* *Parameters* *Set/Get parameter ID*.

Authorization Objects for SAP Simple Finance, On-Premise Edition

Technical Name	Description	New or Reused
FINS_MIG	Authorization object for migration to SAP Simple Finance, On-Premise Edition	New
FQM_FLOW	Authorization object for Financial Quantity Management	New

Authorization Objects for New General Ledger

In contrast to the general ledger in SAP enhancement package 7 for SAP ERP 6.0, the general ledger for SAP Simple Finance, On-Premise Edition uses the additional authorizations objects outlined in the following table:

Technical Name	Description
F_FAGL_CV	*Customizing: Versions*
F_FAGL_DRU	*General Ledger: Authorization for Rule Entries for Validation*
F_FAGL_LDR	*General Ledger: Authorization for Ledger*
F_FAGL_SEG	*General Ledger: Authorization for Segment*
F_FAGL_SKF	*FI: Processing of Statistical Key Figures*
F_FAGL_SLL	*General Ledger: Authorization to Switch Leading Ledger*

Authorization Objects for SAP Cash Management powered by SAP HANA

Technical Name	Description	New or Reused
F_CLM_BAM	This authorization object is used for controlling the authorizations of Bank Account Master Data maintenance. This authorization object is assigned to the standard role Cash Manager by default.	New
F_CLM_BAH	This authorization object is used for controlling the authorizations of Bank Hierarchy Maintenance. This authorization object is assigned to the standard role Cash Manager by default.	New
B_BUPA_RLT	With this authorization object, you define which BP roles can be edited.	Reused
B_BUPR_BZT	With this authorization object, you establish which relationship categories can be processed.	Reused
F_BNKA_MAN	This object controls the authorizations for maintaining bank master data.	Reused

Technical Name	Description	New or Reused
F_FEBB_BUK	This authorization object controls the authorizations for maintaining bank statements in a company code. The permitted activities of this object includes Create, Change, and Display. A user who would like to display Bank Statement reports using SAP Cash Management powered by SAP HANA should have Bank Statement display authorization. This authorization object is assigned to the standard role Cash Manager by default.	Reused
B_BUPA_GRP	With this authorization object, you define which business partners can be edited on the basis of the authorization group.	Reused
CA_POWL	With this authorization object, you define the authorizations for the Personal Object Worklist (POWL) iViews	Reused
S_ALM_ROLE	Whenever a user tries to manipulate or to display the alerts of another user, the corresponding activities of authorization object S_ALM_ROLE are checked.	Reused
S_START	This authorization object is used during the start authorization check for particular TADIR objects, such as Web Dynpro applications.	Reused
S_TCODE	Whenever a transaction is started, the kernel uses the transaction code as the value to check against the authorization object.	Reused
S_USER_AGR	This authorization object is used to protect the roles. Roles are used to combine users into groups and to assign them different attributes, in particular transactions and authorization profiles.	Reused
S_OC_SEND	With this authorization object, you define the communication method for incoming and outgoing communication, as well as the maximum number of recipients.	Reused

Technical Name	Description	New or Reused
S_WF_WI	With this authorization object, you can check whether certain actions can be performed on specific work items.	Reused
F_LFA1_BUK	With this authorization object, you can specify which activities are allowed in the company code-dependent area of the vendor master record.	Reused
F_FDES_BUK	With this authorization object, you can check the authorizations to maintain cash management and forecast payment advices and planned items in a company code.	Reused
F_FDES_GSB	With this authorization object, you can check the authorizations to maintain cash management and forecast payment advices and planned items in a business area.	Reused
F_CLM_UP	With this authorization object, you can check the authorizations of the *Import and Export Bank Accounts* tool to create or update bank account master data by importing bank accounts from an XML file.	New
F_CLM_CMR	Authorization object for memo record	New
F_CLM_CP	Authorization object for cash position	New
F_CLM_LQF	Authorization object for liquidity forecasting	New
F_CLM_UP	Authorization object for importing and exporting bank accounts	New
F_CLM_BAH2	Authorization object for bank account hierarchy	New

More Information

For more information on the standard roles and authorization objects used in accounting, see under the relevant the subcomponents on SAP Help Portal at http://help.sap.com *SAP Business Suite* > *SAP ERP* > *SAP Enhancement Package 7 for SAP ERP 6.0* > *Security Information* > *Security Guide* > *SAP ERP Security Guides* > *SAP ERP Central Component Security Guide* > *Accounting*.

6.1.4 Network and Communication Security

Your network infrastructure is extremely important in protecting your system. Your network needs to support the communication necessary for your business and your needs without allowing unauthorized access. A well-defined network topology can eliminate many security threats based on software flaws (at both the operating system and application level) or network attacks such as eavesdropping. If users cannot log on to your application or database servers at the operating system or database layer, then there is no way for intruders to compromise the devices and gain access to the back-end system's database or files. Additionally, if users are not able to connect to the server LAN (local area network), they cannot exploit known bugs and security holes in network services on the server machines.

The network topology for the SAP Simple Finance, On-Premise Edition is based on the topology used by SAP ERP Central Component and the SAP NetWeaver platform. Therefore, the security guidelines and recommendations described in the SAP ERP Central Component also apply to SAP Simple Finance.

For more information, see SAP Help Portal at http://help.sap.com *SAP Business Suite* *SAP HANA Innovations for SAP Business Suite* *Products powered by SAP HANA* *SAP Simple Finance* *SAP Simple Finance, On-Premise Edition* *Application Help* *<Language>* *SAP ERP Cross-Application Functions* *SAP ERP Security Guide* *SAP ERP Central Component Security Guide* *Network and Communication Security*.

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