



ADMINISTRATION GUIDE | PUBLIC
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SAP Tax Declaration Framework for Brazil - Administrator's Guide

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Document History

The following table provides an overview of the most important document changes.

Version	Date	Description
1.01	2014-10-17	Revised version.
1.02	2015-02-13	<p>New log objects were added to the <i>Monitoring of SAP Tax Declaration Framework</i> section</p> <p>New configuration tools were added to the <i>Application of SAP Tax Declaration Framework</i> section.</p> <p>The <i>SAPUI5 Version</i> section was created.</p> <p>The <i>Assign SAP System Aliases to OData Service</i> section was created.</p>
1.03	2015-08-24	<p>The SAP TDF Release Information Notes (RIN) were added to the <i>Important SAP Notes</i> section.</p> <p>A link to the Installation Guide was added to the <i>Related Guides</i> subsection of the <i>Related Information</i> section.</p> <p>A link to the SAP Help Portal documentation was added to the <i>Related Information</i> section.</p> <p>In the <i>Installation of Enterprise Services</i> section, some steps were updated and a new step was added.</p> <p>In the <i>Trace and Log Files</i> subsection of the <i>Monitoring of SAP Tax Declaration Framework</i> section, the description of the EFD subobject was changed to <i>SPED EFD ICMS/IPI</i> and the PCO Subobject was added.</p> <p>The /TMF/PCO authorization object was added to the <i>Authorizations</i> section.</p>
1.04	2016-09-19	Three services were added to the <i>Assign SAP System Aliases to OData Service</i> section.

Version	Date	Description
		The <i>Authorizations</i> section was removed from the administrator's Guide. A reference to the TDF Roles on SAP Library was added under <i>Security</i> section.
1.05	2017-09-25	<p>The <i>Important SAP Notes</i> section was updated.</p> <p>The prerequisites of the <i>Installation of Enterprise Services</i> section changed.</p> <p>The <i>Related Information</i> section was updated.</p>
1.06	2018-03-12	<p>The <i>Important SAP Notes</i> section was updated.</p> <p>A service was updated to the <i>Assign SAP System Aliases to OData Service</i> section.</p>
1.07	2018-09-24	The <i>Important SAP Notes</i> section was updated.
1.08	2019-09-30	<p>The <i>Related Information</i> section was updated.</p> <p>The <i>Important SAP Notes</i> section was updated.</p>

1 Getting Started

1.1 About This Guide

This guide is the central source of information for the technical implementation of *SAP Tax Declaration Framework for Brazil 1.0*. The guide provides information that is specific to the localization. All other information is available in the guides for *SAP Tax Declaration Framework for Brazil 1.0*.

This guide contains the following:

- Installation information
- Operations information
- Security information

1.2 Global Definitions

SAP Application

An SAP application is an SAP software solution that serves a specific business area like ERP, CRM, PLM, SRM, and TDF.

















Business Scenario

From a microeconomic perspective, a business scenario is a cycle, which consists of several different interconnected logical processes in time. Typically, a business scenario includes several company departments and involves other business partners. From a technical point of view, a business scenario needs at least one SAP application (for example, SAP ERP, SAP TDF, or others) for each cycle and possibly other third-party systems. A business scenario is a unit which can be implemented separately and reflects the customer's prospective course of business.

Component

A component is the smallest individual unit considered within the Solution Development Lifecycle; components are separately produced, delivered, installed and maintained.

1.3 Important SAP Notes

SAP Note Number	Title
1661202 	Support for multiple applications on SAP HANA
1923804 	Release Information Note: SAP Tax Declaration Framework for Brazil 1.0
2019829 	SAPK-10001INTMFLOCBR: Support Package 1 for TMFLOCBR
2058478 	SAPK-10002INTMFLOCBR: Support Package 2 for TMFLOCBR
2104907 	SAPK-10003INTMFLOCBR: Support Package 03 for TMFLOCBR
2148331 	SAPK-10004INTMFLOCBR: Support Package 04 for TMFLOCBR
2215394 	SAPK-10005INTMFLOCBR: Support Package 05 for TMFLOCBR
2267307 	SAPK-10006INTMFLOCBR: Support Package 06 for TMFLOCBR
2300579 	SAPK-10007INTMFLOCBR: Support Package 07 for TMFLOCBR
2343556 	SAPK-10008INTMFLOCBR: Support Package 08 for TMFLOCBR
2425721 	SAPK-10008INTMFLOCBR: Support Package 09 for TMFLOCBR
2486921 	SAPK-10008INTMFLOCBR: Support Package 10 for TMFLOCBR
2610312 	SAPK-10008INTMFLOCBR: Support Package 11 for TMFLOCBR
2692681 	SAPK-10008INTMFLOCBR: Support Package 12 for TMFLOCBR
2735415 	SAPK-10008INTMFLOCBR: Support Package 13 for TMFLOCBR
2791877 	SAPK-10014INTMFLOCBR: Support Package 14 for TMFLOCBR

1.4 Related Information

Planning Information

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

Content	Location on sap.com
Sizing, calculation of hardware requirements – such as CPU, disk and memory resource – with the Quick Sizer tool	http://service.sap.com/quicksizer
Released platforms and technology-related topics such as maintenance strategies and language support	http://service.sap.com/platforms To access the Product Availability Matrix directly, enter http://service.sap.com/pam
Network Security	http://service.sap.com/securityguide
Performance	http://service.sap.com/performance
Information about Support Package Stacks, latest software versions and patch level requirements	https://support.sap.com/en/my-support/software-downloads/support-package-stacks.html
Information about Unicode technology	http://www.sdn.sap.com/irj/sdn/i18n

Further Useful Links

The following table lists further useful links:

Content	Location on sap.com
Information about creating error messages	http://service.sap.com/messages
SAP Notes search	https://support.sap.com/en/my-support/knowledge-base.html
SAP Software Distribution Center (software download and ordering of software)	https://support.sap.com/en/my-support/software-downloads.html
SAP Online Knowledge Products (OKPs) – role-specific learning maps	http://service.sap.com/rkt

SAP Help Portal

You can find more information about the relevant applications in the product page of SAP Tax Declaration Framework for Brazil on SAP Help Portal:

Title	Location on SAP Help Portal
SAP Tax Declaration Framework for Brazil	https://help.sap.com/viewer/product/SAP_TAX_DECLARATION_FRAMEWORK_FOR_BRAZIL/latest/en-US

2 Installation Information

You must read the following SAP Notes before you start the installation. 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 latest version of each SAP Note, which you can find on SAP Service Marketplace at <http://service.sap.com/notes>.

2.1 Release Strategy

The following table lists the SAP Notes that describe the restrictions and other details when you install the **TMFLOCBR** software components:

SAP Note Number	Title	Description
1861609	TMFLOCBR 100: Release strategy	Describes the minimal requirements and technical steps for the installation of software component TMFLOCBR of the SAP Tax Management Framework for Brazil

2.2 Assign SAP System Aliases to OData Service

To assign SAP system aliases to OData service, perform the following configuration steps:

1. Run **SM30** transaction.
2. Enter **/IWFND/V_MGDEAM** in the *Table/View* field.
3. Choose the *Maintain* pushbutton.
4. Choose the *New Entries* pushbutton.
5. Enter **/TMF/TM_TMF_NFV01_0001** in the *Service Doc. Identifier* field.
6. Enter **LOCAL** in the *SAP System Alias* field.
7. Choose the *Default System* pushbutton.
8. Save your entries.

Repeat the same steps for the services listed below:

Service

/TMF/ECF_SRV_0001

/TMF/MF_MONITOR_SRV_0001

/TMF/RTF_UPLOAD_SRV_0001

/TMF/SPED_EFD_SERVICE_0001

/TMF/TM_TMF_NFV01_0001

/TMF/TM_TMF_TOM01_0001

/TMF/TOM_API_SRV_0001

/TMF/TS_TMF_ORGSTR_0001

2.3 Installation of Enterprise Services

Use

This section describes the installation requirements and procedure for [SAP Tax Declaration Framework for Brazil 1.0](#).

Prerequisites

- SAP HANA 1.0 SP7
- SAP NetWeaver 7.40 SP15, 7.50 SP04 or 7.51 SP01 on SAP HANA
- SAP HANA Studio

Features

Perform the following configuration steps:

1. Apply existing notes as specified in SAP Note [1923804](#).
2. Configure selective SLT (only relevant data for reporting/analytics) from EHP5 or later. After this, it is necessary to replicate to all used instances (for example, [DEV](#), [Quality](#), and [Productive](#))
3. Complete the SLT initial load for the tables required in HANA to activate the CTR listed in the SAP Note [2190963](#).

i Note

It is recommended that the SLT load does not include old data that will not be used in SAP TDF (for example, notas fiscais with a posting date older than five years).

4. Map schemes, as follows:
 1. Execute *HANA Studio*.
 2. Select the **Modeler** perspective.
 3. Choose *Quick Launch*.
 4. Choose *Schema Mapping*.
 5. Select the physical schema to configure. For more information, see HANA Studio help under *Mapping the Authoring Schema to the Physical Schema*.
5. Set the flag in table SNHI_DUP_PREWORK in HANA systems, as follows.

i Note

The user who executes the schema to update data must have read access to database. Beyond that, the flag PREWORK on table SNHI_DUP_PREWORK must be set just for the installation of the last release.

1. Execute transaction SM30.
2. Maintain view SNHI_DUP_PREWORK.
3. Register the software component **TMFLOCBR** and set the flag PREWORK.
4. Choose *Save*.

i Note

You install SP 0, 1 and 2 with PREWORK unflagged and set the flag for SP 3 installation.

6. Install add-on **TMFLOCBR** 100 on SAP NetWeaver 7.4. For more information about installation, see *SAP Help*.
7. Configure view /TMF/D_SYS_INF
8. Check configuration of the following views:
 - /TMF/D_REP_FISC
 - /TMF/D_REP_VERS
 - /TMF/D_VIEW_VERS
 - /TMF/D_REG_PROFI
 - /TMF/D_REG_PRIO

More Information

The following table lists the SAP Notes that describe the installation instructions of enterprise services and the associated documentation:

SAP Note Number	Title	Description
1224284	Enterprise Services, Installing and Accessing the SOA Documentation	Describes which sets of enterprise services are available, how to install and access the documentation for the enterprise services, and which product versions, software components they require.
1564359	Installation of ESMFS 400 (ESM FS 400)	Describes how to install the documentation about implementing SOA processes.

3 Operations Information

This section contains the operations information specific to *SAP Tax Declaration Framework for Brazil 1.0*.

3.1 Technical System Landscape

Related Documentation

The following table lists where you can find more information about the technical system landscape.

Topic	Guide/Tool	Quick Link on SAP Service Marketplace
Application- and Industry-specific Components such as SAP Financials and SAP Retail	Master Guide	http://service.sap.com/instguides
Technology Components such as SAP Web Application Server	Master Guide	http://service.sap.com/instguides
Sizing	Quick Sizer Tool	http://service.sap.com/sizing
Technical Configuration	Master Guide	http://service.sap.com/instguides
Scalability	Master Guide	http://service.sap.com/instguides
High Availability	Master Guide	http://service.sap.com/instguides
Security	Security Map	http://service.sap.com/security
	Application Security Guide	http://service.sap.com/instguides

3.2 Monitoring of SAP Tax Declaration Framework

Within the management of SAP Technology, monitoring is an essential task. A section has therefore been devoted solely to this subject.

You can find more information about the underlying technology in the *SAP NetWeaver Administrator's Guide – Technical Operations Manual* in the *SAP Library* under *SAP NetWeaver Library*.

Alert Monitoring

Proactive, automated monitoring is the basis for ensuring reliable operations for your SAP system environment. SAP provides you with the infrastructure and recommendations needed to set up your alert monitoring to recognize critical situations for SAP Tax Declaration Framework as quickly as possible.

Monitoring Installation and Setup

We recommend that you set up the Monitoring Infrastructure as described in the *Monitoring Setup Guide for SAP NetWeaver 7.0* located on *SAP Service Marketplace* at <http://service.sap.com/instguides>

► *NetWeaverSAP* ► *NetWeaver 7.4* ► *Operations Monitoring* ▾. The monitoring setup described in the *Monitoring Setup Guide* contains all the information relevant to monitoring the SAP NetWeaver components used in SAP Tax Declaration Framework.

To enable the auto-alert mechanism of CCMS, see SAP Note [617547](#).

Trace and Log Files

Trace and log files are essential for analyzing problems. In SAP Tax Declaration Framework, all business exceptions as well as technical exceptions that occur during the process are logged and can be reviewed within an exception workbench (transaction `SLG1`).

The following indicators are shown in the analyzing logs:

- A green light means the process was successful
- A yellow light means the process was successful, but with warnings.
- A red light means the process was unsuccessful.

TMFLOCBR provides the following log objects, accessible in transaction `SLG1`:

Object	Subject	Description
/TMF/BR	ECD	SPED ECD
/TMF/BR	ECF	SPED ECF
/TMF/BR	ECF-SHADOW	Shadow Services
/TMF/BR	EFD	SPED EFD ICMS/IP
/TMF/BR	EXTLOG	External Log Service
/TMF/BR	FIPOST	Log Sub-Object for FI Posting Services
/TMF/BR	FISCPER	Fiscal Period
/TMF/BR	NFAUDIT	NF Audit
/TMF/BR	NFCORRECT	Nota Fiscal Corrections
/TMF/BR	NFCORRLET	Nota Fiscal Correction Letter
/TMF/BR	NFCRE	Nota Fiscal Creation

Object	Subsubject	Description
/TMF/BR	ORGSTR-BP	Log Object for Business Place Modifications
/TMF/BR	ORGSTR-CNPJ	Log Object for CNPJ Modifications
/TMF/BR	ORGSTR-CNPJ_ROOT	Log Object for CNPJ Root Modifications
/TMF/BR	ORGSTR-EFD	Log Object for Central EFD Modifications
/TMF/BR	ORGSTR-IE	Log Object for IE Modifications
/TMF/BR	ORGSTR-INI	Log Object for Initial Load Report
/TMF/BR	REPORTS	Reports
/TMF/BR	PCO	SPED EFD Contribuições

3.3 Application of SAP Tax Declaration Framework

SAP provides you with an infrastructure to help your technical support consultants and system administrators effectively manage all SAP components and complete all tasks related to technical administration and operation. You can find more information about the underlying technology in the [Technical Operations Manual](#) in the SAP Library under SAP NetWeaver.

Software Configuration

[SAP Tax Declaration Framework for Brazil 1.0](#) was created to make it easier to meet fiscal obligations, as well as to perform the tracking and administration of the large amount of data that is generated monthly. The main transactions for using SAP TDF are listed in the table below:

Component	Configuration Tools	Description
TMFLOCBR	/TMF/EFD	Generate SPED EFD IPI/ICMS File
TMFLOCBR	/TMF/ECD	Generate SPED ECD File
TMFLOCBR	/TMF/ECF	Generate SPED ECF File
TMFLOCBR	/TMF/FP01	Fiscal Period Maintenance
TMFLOCBR	/TMF/TOM02	Tax Obligation Monitor

Component	Configuration Tools	Description
TMFLOCBR	/TMF/ORGSTR01	Organizational Structure
TMFLOCBR	/TMF/PCO	Generate SPED EFD Contribuições file

Backup and Restore

You need to back up your system landscape regularly to ensure that you can restore and recover it in case of failure. The backup and restore strategy for SAP TDF consists of two parts:

- Backup and restore coverage for each component (see the table below)
- Cross-system data dependencies and handling

The backup and restore strategy for your system landscape should not only consider SAP systems but should also be embedded in overall business requirements and incorporate your company's entire process flow. In addition, the backup and restore strategy must cover disaster recovery processes, such as the loss of a data center through fire. It is most important in this context that you ensure that backup devices are not lost together with normal data storage (separation of storage locations).

Category of System Component	Category Properties	Suggested Methods for Backup and Restore	Example
I	Only software, no configuration or application data	<ul style="list-style-type: none"> • No backup, new installation in case of a recovery or • Initial software backup after installation and upgrade • Backup of log files 	BDOC modeler
II	Only software and configuration information, no application data	<ul style="list-style-type: none"> • Backup after changes have been applied or • No backup, new installation and configuration in case of a recovery • Backup of log files 	<ul style="list-style-type: none"> • SAP Gateway Comm. Station • SAP Business Connector • SAP IPC (2.0C)
III	Only replicated application data, replication time is sufficiently small for a recovery	Data: <ul style="list-style-type: none"> • No data backup needed • Backup of software, configuration, log files 	<ul style="list-style-type: none"> • SAP IMS/Search Engine • SAP IPC (2.0B) • Webserver • SAP ITS

Category of System Component	Category Properties	Suggested Methods for Backup and Restore	Example
IV	Only replicated application data, backup recommended because replication time is too long, data not managed by a DBMS	Data: <ul style="list-style-type: none"> • Application specific file system backup or • Multiple instances • Backup of software, configuration, log files 	<ul style="list-style-type: none"> • SAP IMS/Search Engine • Webserver
V	Only replicated application data, backup recommended because replication time is too long, data managed by a DBMS	Data: <ul style="list-style-type: none"> • Database and log backup or • Multiple instances • Backup of software, configuration, log files 	<ul style="list-style-type: none"> • SAP IPC (2.0B) • Catalog Server
VI	Original application data, standalone system, data not managed by a DBMS	Data: <ul style="list-style-type: none"> • Application specific file system backup • Backup of software, configuration, log files 	Webserver
VII	Original application data, standalone system, data managed by a DBMS, not based on SAP WebAS	Data: <ul style="list-style-type: none"> • Database and log backup • Backup of software, configuration, log files 	-
VIII	Original application data, standalone system, based on SAP WebAS	Data: <ul style="list-style-type: none"> • Database and log backup, application log backup (such as job logs in file system) • Backup of software, configuration, log files 	Standalone SAP R/3
IX	Original application data, data exchange with other systems, data not managed by a DBMS	Data: <ul style="list-style-type: none"> • Application specific file system backup, data consistency with other systems must be considered • Backup of software, configuration, log files 	-

Category of System Component	Category Properties	Suggested Methods for Backup and Restore	Example
X	Original application data, data exchange with other systems, data managed by a DBMS, not based on SAP WebAS	Data: <ul style="list-style-type: none"> Database and log backup, data consistency with other systems must be considered Backup of software, configuration, log files 	<ul style="list-style-type: none"> SAP liveCache SAP Mobile Workbench
XI	Original application data, data exchange with other systems, based on SAP WebAS	Data: <ul style="list-style-type: none"> Database and log backup, application log backup (such as job logs in file system), data consistency with other systems must be considered Backup of software, configuration, log files 	<ul style="list-style-type: none"> SAP R/3 SAP CRM SAP APO SAP BW

3.4 Software Change Management

Software Change Management standardizes and automates software distribution, maintenance, and testing procedures for complex software landscapes and multiple software development platforms. These functions support your project teams, development teams, and application support teams.

The goal of Software Change Management is to establish consistent, solution-wide change management that allows for specific maintenance procedures, global rollouts (including localizations), and open integration with third-party products.

This section provides additional information about the most important software components.

The following topics are covered:

- **Transport and Change Management**
Enables and secures the distribution of software changes from the development environment to the quality assurance and production environment.
- **Development Request and Development Release Management**
Enables customer-specific maintenance procedures and open integration with third-party products.
- **Template Management**
Enables and secures the rollout of global templates, including localizations.
- **Quality Management and Test Management**
Reduces the time, cost, and risk associated with software changes.

- Support Packages and SAP Notes Implementation
Provides standardized software distribution and maintenance procedures.
- Release and Upgrade Management
Reduces the time, cost, and risk associated with upgrades.

Transport and Change Management

For transport and change management issues, the procedures of SAP NetWeaver apply. For more information, see the SAP Library for SAP NetWeaver on SAP Help Portal at <http://help.sap.com/nw74> under ► *SAP NetWeaver* ► *SAP NetWeaver Library: Function-Oriented View Solution Lifecycle Management* ► *Software Logistics* ► *Change and Transport System* ►.

Development Requests and Development Release Management

The standard procedures of SAP NetWeaver apply. For more information, see SAP Library for SAP NetWeaver on SAP Help Portal at <http://help.sap.com/nw74> under ► *SAP NetWeaver* ► *System Administration and Maintenance* ► *Information* ► *Technical Operations for SAP NetWeaver* ►.

For more information about customer-specific development, see SAP Library for SAP NetWeaver on SAP Help Portal at <http://help.sap.com/nw74> under ► *SAP NetWeaver* ► *SAP NetWeaver Library: Function-Oriented View* ► *Application Server* ► *Application Server* ► *ABAP* ► *Administration of Application Server ABAP* ► *Change and Transport System* ► *Change and Transport System - Overview* ► *Changing the SAP Standard (BC)* ►.

Support Packages and Patch Implementation

Read the corresponding Release Information Notes (RIN) listed in SAP Note <1923804> before you apply any support packages or patches of the selected SP Stack.

Use the Maintenance Optimizer (transaction `DSWP`) of the SAP Solution Manager to select, download, and install the needed usages, or software components and required support packages. For more information, see the following:

- SAP Solution Manager documentation on SAP Help Portal at <http://help.sap.com> under ► *Application Lifecycle Management* ► *SAP Solution Manager* ► *System Administration and Maintenance Information* ►
- SAP Service Marketplace at <http://service.sap.com/solman-mopz>
- The documentation for transaction `SAINT` (SAP Add-On Installation Tool)

For more information about the implementation of support packages as well as possible side effects, see <http://service.sap.com/patches> under *SAP Support Packages in Detail*.

3.5 Troubleshooting

For information about troubleshooting SAP NetWeaver, see the Technical Operations Manual for SAP NetWeaver on SAP Help Portal at <http://help.sap.com/nw74> under ► *SAP NetWeaver* ► *System Administration and Maintenance Information* ► *Technical Operations for SAP NetWeaver* ► *Administration of SAP NetWeaver Systems and components* ▾.

3.6 Support Desk Management

Support Desk Management enables you to set up an efficient internal support desk for your support organization that seamlessly integrates your end users, internal support employees, partners, and SAP Active Global Support specialists with an efficient problem resolution procedure. For support desk management, you need the methodology, management procedures, and tools infrastructure to run your internal support organization efficiently.

Remote Support Setup

SAP Support needs to be able to work remotely for highest efficiency and availability. Therefore, all required support tools must be remotely accessible for SAP support. For SAP TDF, the standard SAP procedures for setting up remote support apply.

For information about Remote Support Setup, see SAP Service Marketplace at <http://service.sap.com/access-support>.

4 Security Information

This section contains security-relevant information *SAP Tax Declaration Framework for Brazil 1.0*.

SAP Tax Declaration Framework for Brazil 1.0 is based on SAP NetWeaver technology. All security information for *SAP Tax Declaration Framework* services applies to the localization for Brazil. We recommend that you read the fundamental security guides listed below.

Pay particular attention to the most relevant sections or specific restrictions as indicated in the table below.

Scenario, Application or Component Security Guide	Relevant Sections or Specific Restrictions
SAP NetWeaver Security Guide	Entire guide
SAP Exchange Infrastructure (XI) Security Guide	Entire guide
SAP HANA Security Guide	Security Guide

For a complete list of the available SAP Security Guides, see *SAP Service Marketplace* at <http://service.sap.com/securityguide>.

4.1 Authorizations

There are no specific standard roles for *SAP Tax Declaration Framework for Brazil 1.0*.

The following authorization classes are used to catalog the authorization objects of the Brazil localization:

- /TMF/ (Tax Management Framework)

The table below shows the security-specific authorization objects used by *SAP Tax Declaration Framework for Brazil 1.0*.

Authorization Object	Field	Value	Description
/TMF/FISCP	BUKRS	–	Fiscal Period – Company Code
/TMF/FISCP	BRANCH	–	Fiscal Period – Industry
/TMF/FISCP	/TMF/FISCP	000 – 100 – 200 – 300 – 400 – 500 – 600	Fiscal Period – Fiscal Period Status
/TMF/ECD	DUMMY	–	Attribute Value
/TMF/EFD	DUMMY	–	Attribute Value

Authorization Object	Field	Value	Description
/TMF/TOM	/TMF/REPID	-	Tax Obligation Monitor – Legal Report ID
/TMF/TOM	/TMF/REPKEY	-	Tax Obligation Monitor – Report Key
/TMF/TOM	/TMF/REPAC	1 – 2 – 3 – 4 – 5 – 6 – 7	Tax Obligation Monitor – Report activities
/TMF/PCO	DUMMY	-	Attribute Value

5 Appendix

Related Operations Information

For more information about specific operations topics, see the following content on SAP Service Marketplace:

Content	Quick Link to the SAP Service Marketplace
Master Guide, Installation Guide and Upgrade Guide	http://service.sap.com/instguides
SAP Notes	http://service.sap.com/notes
Released Platforms	http://service.sap.com/platforms
SAP Solution Manager	http://service.sap.com/solutionmanager

Related Security Information

For more information about specific security topics, see the following content on SAP Service Marketplace:



Content	Quick Link on SAP Service Marketplace or SDN
Security	http://sdn.sap.com/irj/sdn/security
Security Guides	http://service.sap.com/securityguide
SAP Notes	http://service.sap.com/notes http://service.sap.com/securitynotes
Release Information	http://service.sap.com/pam
Network Security	http://service.sap.com/securityguide
SAP NetWeaver	http://sdn.sap.com/irj/sdn/netweaver

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