



THE
POWER
TO KNOW.

Guide to Operating SAS® IT Resource Management 3.6 without a Middle Tier

The correct bibliographic citation for this manual is as follows: SAS Institute Inc. 2015. *Guide to Operating SAS® IT Resource Management 3.6 without a Middle Tier*. Cary, NC: SAS Institute Inc.

Guide to Operating SAS® IT Resource Management 3.6 without a Middle Tier

Copyright © 2015, SAS Institute Inc., Cary, NC, USA

All rights reserved. Produced in the United States of America.

For a hard-copy book: No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without the prior written permission of the publisher, SAS Institute Inc.

For a web download or e-book: Your use of this publication shall be governed by the terms established by the vendor at the time you acquire this publication.

The scanning, uploading, and distribution of this book via the Internet or any other means without the permission of the publisher is illegal and punishable by law. Please purchase only authorized electronic editions and do not participate in or encourage electronic piracy of copyrighted materials. Your support of others' rights is appreciated.

U.S. Government License Rights; Restricted Rights: The Software and its documentation is commercial computer software developed at private expense and is provided with RESTRICTED RIGHTS to the United States Government. Use, duplication or disclosure of the Software by the United States Government is subject to the license terms of this Agreement pursuant to, as applicable, FAR 12.212, DFAR 227.7202–1(a), DFAR 227.7202–3(a) and DFAR 227.7202–4 and, to the extent required under U.S. federal law, the minimum restricted rights as set out in FAR 52.227–19 (DEC 2007). If FAR 52.227–19 is applicable, this provision serves as notice under clause (c) thereof and no other notice is required to be affixed to the Software or documentation. The Government's rights in Software and documentation shall be only those set forth in this Agreement.

SAS Institute Inc., SAS Campus Drive, Cary, North Carolina 27513-2414.

Electronic book 1, May 2015

SAS provides a complete selection of books and electronic products to help customers use SAS® software to its fullest potential. For more information about our offerings, visit support.sas.com/bookstore or call 1-800-727-3228.

SAS® and all other SAS Institute Inc. product or service names are registered trademarks or trademarks of SAS Institute Inc. in the USA and other countries. ® indicates USA registration.

Other brand and product names are trademarks of their respective companies.

Contents

<i>Using This Book</i>	<i>vii</i>
Chapter 1 • Overview of Operating without a Middle Tier	1
Overview of Operating SAS IT Resource Management without a Middle Tier	1
Chapter 2 • Operating without a Middle Tier	5
How SAS IT Resource Management Operates without a Middle Tier	5

Using This Book

Requirements

The prerequisites for using SAS IT Resource Management 3.6 are:

- A user ID and a password that is appropriate for the type of access that is needed to accomplish designated IT Resource Management functions.

Note: Data administrators use SAS Management Console to define the logins for users and groups of users based on their roles and the SAS products that they use.

- An operating environment that includes a supported client and server.
- Depending on your role, access to the following software that is provided by SAS IT Resource Management 3.6:
 - SAS IT Resource Management client
 - SAS Information Map Studio
 - SAS Enterprise Guide
 - SAS Add-In for Microsoft Office
- SAS Management Console

To log on to a SAS product, select **Programs ► SAS**. From the list of software that appears, select the application that you want to work with. If you are prompted, enter your user ID and password. Online Help is available for all SAS software. Click **Help** within the product to access it. In addition, documentation for SAS software is available at this web location: <http://support.sas.com/documentation/index.html>. Use the Product A-Z Index to locate the documentation that you want to access.

Overview of Operating without a Middle Tier

<i>Overview of Operating SAS IT Resource Management without a Middle Tier</i>	1
What Functionality Does the Middle Tier Provide?	1
Why Operate SAS IT Resource Management without a Middle Tier?	2
Notes about Installing SAS IT Resource Management without a Middle Tier	2

Overview of Operating SAS IT Resource Management without a Middle Tier

What Functionality Does the Middle Tier Provide?

In the context of SAS IT Resource Management, the SAS middle tier stores reports on the SAS Content Server. It also manages that report content by using the ITRM Report Center web application. The SAS middle tier is a critical component of the SAS IT Resource Management solution. All sites that license this solution are encouraged to benefit from the features that it offers.

For SAS IT Resource Management, the SAS middle tier provides these features:

- It enables the ITRM Report Center web application that distributes, consumes, and manages IT intelligence reports and exception alerts.
- It provides the SAS Content Server that stores the SAS IT Resource Management performance and exception reports.
- It delivers SAS Enterprise BI web reporting and portal technologies.

Note: With the exception of this *Guide to Operating SAS IT Resource Management 3.6 without a Middle Tier* document, the SAS IT Resource Management documentation assumes that the solution is operated with a SAS middle tier. It does not include specific statements that describe the behavior of the solution when operating without a SAS middle tier. It is the responsibility of the site administrators who choose to operate SAS IT Resource Management without a middle tier to understand the limitations of their environments when they are reading the solution documentation.

Why Operate SAS IT Resource Management without a Middle Tier?

Sites that might choose to operate SAS IT Resource Management 3.6 without the SAS middle tier are those that might have licensed the solution and started using it before the SAS middle tier became available. These sites might find that the data management features of the solution completely meet their needs. Other sites that might choose to operate the SAS IT Resource Management solution without a middle tier are those that run the solution on a mainframe and manage data that is collected from mainframe systems. Administrators of such sites might not want to include a distributed operating environment (UNIX, Linux, or Windows system) as part of the solution architecture.

Notes about Installing SAS IT Resource Management without a Middle Tier

To install SAS IT Resource Management without a SAS middle tier, you must perform these two steps:

- Sites must communicate the intent to install SAS IT Resource Management without a middle tier to the SAS personnel who will be creating and delivering the plan file that will install the solution.

Note: The installation of SAS IT Resource Management without a middle tier is an exceptional case. It requires SAS to perform a special task when creating the plan file for these installations. When creating the plan file, SAS personnel must deselect the "Infrastructure Data Store" component from the server tier and select that component on the middle tier.

- When using that plan file and the SAS Deployment Wizard to install and configure the SAS IT Resource Management solution, the site administrator should not install or configure any software for the middle tier. Thus, the resulting installed and configured environment will not include a SAS middle tier.

TIP Beginning with SAS IT Resource Management 3.5, sites that choose to operate SAS IT Resource Management without a SAS middle tier can install and configure the SAS middle tier later.

2

Operating without a Middle Tier

<i>How SAS IT Resource Management Operates without a Middle Tier</i>	5
Features That Are Available	5
Features That Are Not Available	6

How SAS IT Resource Management Operates without a Middle Tier

Features That Are Available

The following features are available when a site operates without a middle tier:

- The SAS IT Resource Management client and the data administration capabilities to build, modify, or delete IT data marts and their contents are available.

Note: These functions include staging data, aggregating data, and building information maps. They are documented in the *SAS IT Resource Management 3.6: Administrator's Guide*.

- SAS IT Resource Management capabilities to migrate IT data marts and their contents are available. If the site is migrating by using the SAS Migration Utility and the source environment contains a middle tier, then the target environment must also contain a middle tier. In this case, you cannot operate SAS IT Resource Management without a middle tier.

However, you can install a new instance of the solution without the SAS middle tier and migrate existing IT data marts and data to the new system. For more information, see Chapter 3, “Migrating a Single IT Data Mart from SAS IT Resource Management 3.2, 3.21, 3.3, 3.4, 3.5 or 3.6 to 3.6,” in the *SAS IT Resource Management 3.6: Migration Guide*.

- Exception definitions and the exception jobs that contain Exception transformations and exception definitions are available.

Note: Although exception reports are not generated, the exception table and the exception condition table can be generated. The observations in these tables can be input sources for other report generators.

- SAS Enterprise Guide and SAS Enterprise Guide projects that are supplied by SAS IT Resource Management are available. SAS Enterprise Guide can be run interactively. SAS Enterprise Guide can generate reports using the information maps and the tables that are stored in an IT data mart. For more information, see *SAS IT Resource Management 3.6: Reporting Guide*.

Features That Are Not Available

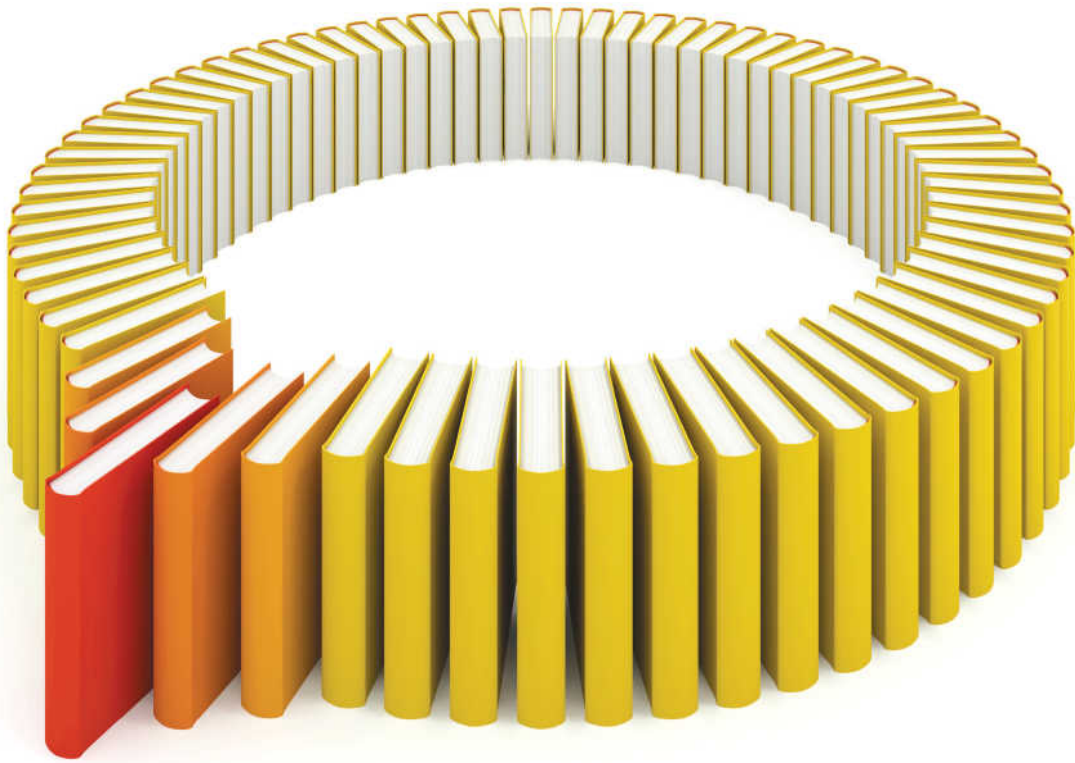
The following features and functions of SAS IT Resource Management are not available when a site operates without a middle tier:

- The ITRM Report Center web application is not available for viewing, organizing, filtering, or sharing reports or for receiving exception alerts.
- The Adapter Setup wizard and the Add Domain Category wizard do not create report jobs or exception jobs. No other functions of these wizards are affected by the absence of a middle tier.

A note on the summary pages of the wizards indicates that reporting jobs are not generated.

- The SAS Content Server is not installed. Therefore, it is not available.
- Report definitions are supplied and new user-defined report definitions can be published using SAS Enterprise Guide. However, Performance Report transformations cannot be executed or used to generate reports.

- The Exception transformation cannot generate or publish report output. It cannot send alerts.
- The SAS Enterprise BI components of SAS IT Resource Management are not available. (SAS Enterprise Business Intelligence components consist of the set of capabilities that are provided by the SAS Enterprise BI server.)



Gain Greater Insight into Your SAS® Software with SAS Books.

Discover all that you need on your journey to knowledge and empowerment.

