

User Guide



Firefighter™ Version 4.0

with Compliance Calibrator for SAP

Note: The actual application will display V3.0.
This was the version number before SAP rebranding.

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PREFACE

TOPICS COVERED IN THIS PREFACE

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About this Guide

Conventions

The following conventions are observed throughout this document:

- **Bold** sans-serif text is used to designate file and folder names, dialog titles, names of buttons, icons, and menus, and terms that are objects of a user selection.
- *Italic* text is used to indicate defined terms, user-specified text, document titles, and word emphasis.
- Monospace text (`Courier`) is used to show literal text as you would enter it, or as it would appear onscreen.

Alert Statements

The alert statements—Note, Important, and Warning—are formatted in the following styles:



Note Information that is related to the main text flow, or a point or tip provided in addition to the previous statement or instruction.



Important Advises of important information, such machine or data error that could occur should the user fail to take or avoid a specified action.



Warning Requires immediate action by the user to prevent actual loss of data or where an action is irreversible, or when physical damage to the machine or devices is possible.

Virsa Product Documentation

Documentation Formats

Documentation is provided in the following electronic formats:

- Adobe® Acrobat® PDF files
- Online help

You must have Adobe® Reader® installed to read the PDF files. Adobe Reader installation programs for common operating systems are available for free download from the Adobe Web site at www.adobe.com.

Installation Guide, User Guide, and Release Notes

You can download the Installation Guide, User Guide, and Release Notes in PDF format.

Online Help

You can access online help by clicking the **Help** link from within the application.

Contacting Virsa

For information on contacting Virsa Systems, refer to the table below or the Virsa Web site www.virsa.com.

If you have any questions about the Firefighter application, framework and its components, or would like to report a problem, please contact Virsa Global Support Services.

| Phone/Fax Numbers | | E-mail Address | Postal Mail Address |
|-------------------|------------------------------------|-------------------|---|
| Within U.S. | 1-888-847-7217 (1-888-VIRSA-17) | support@virsa.com | 47257 Fremont Boulevard Fremont, CA 94538 USA |
| Outside U.S. | 1-877-847-7268 (1-877-VIRSA-68) | | |
| Direct Line | 510-580-1079 | | |
| Fax | 510-580-1414 | | |

1

OVERVIEW

TOPICS COVERED IN THIS CHAPTER

Introduction

Firefighter Strategy

Firefighter Users

Firefighter Reports

Firefighter Installation

Introduction

Firefighter™ is an ABAP-based application that automates all activities related to firefighting, including defining of FirefightIDs and Firefighters, assignment of FirefightID Owners and Controllers, and the logging of all transactions executed during firefighting.

Firefighter temporarily redefines the ID's of users when assigned with solving a problem, giving them provisionally broad, but regulated access. There is complete visibility and transparency to everything done during the period.

Firefighter provides a solution for systematic handling of all emergency situations, therefore no time is lost in handling the emergency and at the same time managing the risk for the special access necessary to resolve the issue. The logging of transactions during the process provides the capability to review activities used during an emergency situation.

Firefighter is designed for the use of Firefighting Administrators, Owners of FirefightIDs and Firefighters.

Firefighter Strategy

Firefighting is a term used to describe the ability to perform tasks in emergency situations. The Firefighter application provides the ability to allow personnel to take responsibility for tasks outside their normal job function.

Firefighter enables users to perform duties not included in the roles or profiles assigned to their userIDs. Firefighter provides this extended capability to users while creating an auditing layer to monitor and record Firefighter usage.

Firefighter Roles

Before a user can access Firefighter they must be assigned a Firefighter role. There are three types of Firefighter roles: Administrator, Owner, and Firefighter. See sections [“Upload Role Definitions for Firefighter Users” on page 23](#) and [“Assigning Firefighter Roles to Firefighter Users” on page 23](#) in Chapter 3, [“Initial Configuration”](#) for more information.

FirefightIDs

A FirefightID is a userID with specific roles allowing the Firefighter to perform the required tasks in a firefighting situation. Each Firefighter is assigned the use of specific FirefightIDs for a designated period of time (a date range).

Once a Firefighter initiates the Firefighter application only FirefightIDs assigned to them are displayed and available for use. Each time a Firefighter logs in using a FirefightID the login event and any subsequent transaction usage is recorded.

Any existing userID can be designated as a FirefightID. However, once specified as a FirefightID it can't be used for normal login purposes. In order to avoid this issue for existing userIDs and to make sure the FirefightID has only the specific roles needed to perform the necessary firefighting you should use **SU01** to create new userIDs. See section [“FirefightID Creation” on page 22](#) in Chapter 3, [“Initial Configuration”](#) for more information.

Firefighter Users

Firefighter users have specific roles assigned to them. Firefighter roles determine what features are accessible within the Firefighter program. There are three types of roles: Administrator, Owner, and Firefighter. There is a fourth type of user, Controller. Controllers are assigned the Owner role.

Administrators

Firefighter Administrators have complete access to the Firefighter program. Administrators are the only Firefighter user that can create FirefightID passwords. All other Firefighter users receive an error when attempting to open the Firefighter Security table. See section [“Creating FirefightID Passwords” on page 29 in Chapter 4, “Table Administration”](#) for more information.

Administrators have the responsibility for assigning FirefightIDs to Owners and can also assign FirefightIDs to Firefighters. See sections [“Assigning FirefightIDs to Owners” on page 26](#) and [“Assigning FirefightIDs to Firefighters” on page 27 in Chapter 4, “Table Administration”](#) for more information.

Administrators are also the only Firefighter users with the ability to access the Firefighter Tool Box and generate reports. The exception is the Log report, which is accessible from the Administration menu and the toolbar in the Firefighter Cockpit.

FirefightID Owners

Owners can assign FirefightIDs to Firefighters and Controllers. When accessing the Firefighter program Owners only see FirefightIDs assigned to them by the Firefighter Administrator. Owners can be Controllers by assigning FirefightIDs to themselves in the Controllers table. Owners can also assign FirefightIDs to themselves in the Firefighters table to perform firefighting tasks.

Firefighters

Firefighters have access to the FirefightIDs assigned to them and can use the FirefightIDs to perform any tasks permissible by the FirefightID roles.



Note A FirefightID is a standard SAP userID assigned to specific roles. The userID may already exist, or you may create users specifically for use with Firefighter. See section [“FirefightIDs” on page 12](#) for a definition of FirefightIDs.

FirefightID Controllers

Controllers are responsible for auditing usage of FirefightIDs by viewing the Firefighter Log report and receiving email notification of FirefightID logins. Email notification is enabled through the Controllers table and the Firefighter Configuration table. See sections [“Assigning FirefightIDs to Controllers” on page 28](#) and [“Firefighter Configuration Table” on page 30](#) in Chapter 4, [“Table Administration”](#) for more information.

Controllers can view the Log report within Firefighter or have the Log report emailed as a text file attachment. See the following sections for more information about receiving emails:

- [“Scheduling Firefighter Background Job for Logging” on page 22](#) in Chapter 3, [“Initial Configuration”](#)
- [“Assigning FirefightIDs to Controllers” on page 28](#) in Chapter 4, [“Table Administration”](#)
- [“Running the /VIRSA/ZVFATBAK Background Job Manually” on page 43](#) in Chapter 6, [“Log Report”](#)
- [“Receiving Firefighter Emails” on page 60](#) in Chapter 11, [“Receiving Emails”](#)

Firefighter Reports

Firefighter produces several types of reports to track FirefightID and transaction usage.

- **Log Report** This report displays information about FirefightID logins and transaction usage. See [Chapter 6, “Log Report”](#) for more information.
- **FirefightID Log Summary** This report lists Firefighters using each FirefightID. See [Chapter 7, “Log Summary”](#) for more information.
- **Transaction Usage Report** This report can be generated in summary or detail form and lists a count of transactions executed and the transaction codes used by each Firefighter. See [Chapter 8, “Transaction Usage Report”](#) for more information.
- **Reason/Activity Report** This report lists the reason and activity for each login event. See [Chapter 9, “Reason/Activity Report”](#) for more information.

Firefighter Installation

Firefighter is delivered as a group of transport files, a conventional method for all ABAP add-on software.

Please consult your Basis Administrator to install Firefighter. To install the program you import the Firefighter transport files into your system, like any other custom ABAP or SAP delivered code. Refer to OSS Note 13719 for more details on this procedure.

In case of errors during the import of the transport files, please email screenshots to support@virsasystems.com or contact Virsa Customer Support at 1-888-VIRSA-17.

2

USER INTERFACE

TOPICS COVERED IN THIS CHAPTER

- Firefighter User Interface
 - Menus
 - Firefighter Toolbar
 - Firefighter Dashboard
 - Standard SAP Features
 - Firefighter Tool Box

Firefighter User Interface

The two parts of Firefighter are the Firefighter Cockpit and the Firefighter Tool Box.

The Firefighter Tool Box provides Administrators access to the Firefighter reports. The Firefighter Cockpit is used by Administrators and FirefightID Owners to configure and maintain Firefighter, and by FirefightID Controllers and Firefighters to use Firefighter features. The Firefighter Cockpit contains menus, a toolbar, and the Firefighter Dashboard.

Menus

There are two Firefighter menus in the Firefighter Cockpit.



Figure 1 Firefighter Menus

- **Administration** This menu contains the following menu items:
 - **Table Maintenance** This sub-menu contains menu items for accessing the administration and maintenance tables.
 - **Archive** This is a sub-menu containing commands for uploading, downloading and deleting the Log report.
 - **Tool Box** This displays the Firefighter Tool Box.
- **Utilities** This contains the menu items needed to upload and download all Firefighter table data.

Firefighter Toolbar

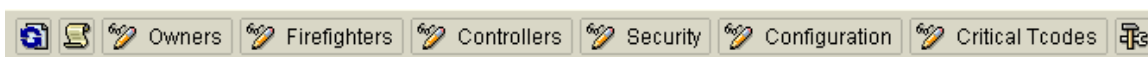


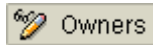


Figure 2 Firefighter Toolbar

The Firefighter toolbar makes it easy to access most of the administrative and reporting features in the program. The following are descriptions of each feature accessible from the toolbar:

- **Refresh**  Clicking this button refreshes the data in the Firefighter Dashboard.
- **Log Report**  Clicking this button displays the Log report form used for generating the Log report.

- **Owners**



Clicking this button displays the table used for assigning FirefightIDs to Owners. See section [“Assigning FirefightIDs to Owners”](#) on page 26 in Chapter 4, [“Table Administration”](#) for more information.

- **Firefighters**



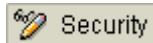
Clicking this button displays the Firefighters table, used to assign FirefightIDs to Firefighter. See section [“Assigning FirefightIDs to Firefighters”](#) on page 27 in Chapter 4, [“Table Administration”](#) for more information.

- **Controllers**



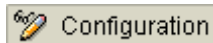
Clicking this button displays the Controllers table, used to assign FirefightIDs to Controllers. See section [“Assigning FirefightIDs to Controllers”](#) on page 28 in Chapter 4, [“Table Administration”](#) for more information.

- **Security**



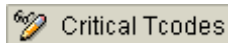
Clicking this button displays the FirefightID Security table used to assign passwords for FirefightIDs. See section [“Creating FirefightID Passwords”](#) on page 29 in Chapter 4, [“Table Administration”](#) for more information.

- **Configuration**



Clicking this button displays the Configuration table. See section [“Firefighter Configuration Table”](#) on page 30 in Chapter 4, [“Table Administration”](#) for more information.

- **Critical Tcodes**



Clicking this button displays the Critical Transactions table. See section [“Critical Transactions Table”](#) on page 31 in Chapter 4, [“Table Administration”](#) for more information.



Note If you are using the Critical Transactions table from Compliance Calibrator this table is not accessible. See sections [“Critical Transactions Table from Compliance Calibrator”](#) on page 30 in Chapter 4, [“Table Administration”](#) and [“Using Compliance Calibrator’s Critical Transactions Table”](#) on page 34 in Chapter 5, [“Maintenance”](#) for more information.

- **Tool Box**



Clicking this button displays the Firefighter Tool Box. The Firefighter Tool Box is accessible to Firefighter Administrators. The Tool Box lists all the reports available in Firefighter. See section [“Firefighter Reports”](#) on page 40 in Chapter 6, [“Log Report”](#) for more information about Firefighter reports.

Firefighter Dashboard

The Firefighter Dashboard is the entry point for Firefighters to use the Firefighter program. The Dashboard provides the following functionality.





| Firefight ID | FirefightID Owner | Status | Description | FF ID Used By | Message t... | Log on usi... |
|--------------|-------------------|---|-------------------------------------|---------------|--------------|---------------|
| FIREFIGHT01 | PWINKLER |  | PERFORM BASIS ACTIVITIES - ASSIG... | SJONES | Message | Log on |
| FIREFIGHT02 | SPETERS |  | TO PERFORM MATERIAL MANAGEM... | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |

Figure 3 Firefighter Dashboard

- **FirefightID** The fields in this column display the available FirefightIDs. The list of available FirefightIDs depends on the Firefighter user initiating Firefighter; i.e. this column displays only the FirefightIDs assigned to the Owner, Firefighter, or Controller using Firefighter. See section [“FirefightID Creation” on page 22 in Chapter 3, “Initial Configuration”](#) for more information
- **FirefightID Owner** The fields in this column list the userID of the Owner for the corresponding FirefightID. See section [“Assigning FirefightIDs to Owners” on page 26 in Chapter 4, “Table Administration”](#) for more information.
- **Status** A  light means the FirefightID is available for firefighting. A  light means the FirefightID is being used for firefighting. The name of the Firefighter using the FirefightID appears in the **FirefightID Used By** column.
- **Description** A description is a short definition of a FirefightID. When a Firefighter Administrator assigns a FirefightID to an Owner a description can be added. Since Firefighters can have several FirefightIDs assigned to them the description should be definitive so the Firefighter user knows which FirefightID to use in a firefighting situation. See section [“Assigning FirefightIDs to Owners” on page 26 in Chapter 4, “Table Administration”](#) for more information.
- **FFID Used By** The fields in this column display the userID of the Firefighter who logged in with the corresponding FirefightID. If a field is empty the FirefightID is not being used. See section [“Assigning FirefightIDs to Firefighters” on page 27 in Chapter 4, “Table Administration”](#) for more information
- **Log on Using FFID** Clicking the button in this column displays the initial login screen to use a FirefightID. See section [“Logging In with a FirefightID” on page 57 in Chapter 10, “Using Firefighter Dashboard”](#) for more information.
- **Message to Firefighter** Clicking this button sends a message to the user of the FirefightID, letting them know you want to use the same FirefightID. See section [“Sending a Message to a Firefighter” on page 58 in Chapter 10, “Using Firefighter Dashboard”](#) for more information.

Standard SAP Features

Standard SAP Search Utility

The standard SAP Search utility is used in tables to search for userIDs. The SAP search utility is dependent on the SAP release.

Date Range Validation

Date range validation is used in the Firefighters table when specifying the date range for a Firefighter's use of a particular FirefightID. 'From' dates cannot be later than 'To' dates.

Standard SAP Table Maintenance Generator

The standard SAP table maintenance generator is used to perform authority checks when adding, changing, or deleting entries in the Firefighter tables.



Note Dates appearing in any Firefighter screen, table or report are formatted according to the settings in a user's master record and may differ from the date formats used in screenshots in this user guide.

Firefighter Tool Box

The Firefighter Tool Box is accessible by Firefighter Administrators. The Tool Box displays the list of Firefighter reports. See section ["Firefighter Reports" on page 40](#) in [Chapter 6, "Log Report"](#) for more information.

INITIAL CONFIGURATION

TOPICS COVERED IN THIS CHAPTER

Initial Configuration

- Define RFC Destination for the Firefighter Program
- Scheduling Firefighter Background Job for Logging
- FirefightID Creation
- Upload Role Definitions for Firefighter Users
- Assigning Firefighter Roles to Firefighter Users
- Customizing Firefighter Role Definitions

Initial Configuration

The following procedures must be performed to enable Firefighter to function properly. These procedures should be completed before using the Firefighter program.

Define RFC Destination for the Firefighter Program

Firefighter requires an RFC destination to call a specific RFC enabled function module. The RFC is used each time a FirefightID is used to login and create a new session. The RFC destination must be very basic with no access/users attached to it. Firefighter uses it to call an RFC enabled function module allowing a Firefighter to login with a FirefightID. Firefighter can be configured to use an existing RFC. See [Appendix A, "RFC Default Settings"](#) for more information.

To define an RFC destination either use transaction **SM59** or work with your Basis Administrator.

Scheduling Firefighter Background Job for Logging

The Firefighter background job monitors the use of FirefightIDs and records FirefightID login events and transaction usage. The background job must be scheduled in order to generate and view the Firefighter Log report.

To schedule a background job use transaction **SM36** or work with your Basis Administrator. See [Appendix C, "Defining the Background Job"](#) for more information.

FirefightID Creation

A FirefightID is a userID with specific roles allowing the Firefighter to perform the required tasks in a firefighting situation. FirefightIDs are created using **SU01**.

FirefightID users should be created as type 'Service', rather than 'Dialog' so passwords do not expire.



Important FirefightIDs cannot be used for normal logins. You should not use existing userIDs as FirefightIDs unless they are not being used by any user.

Upload Role Definitions for Firefighter Users

Virsa Systems provides pre-delivered roles for all Firefighter users. These roles may be customized according to specific naming conventions and needs. Below are the names and intended users of the pre-delivered Firefighter roles.

Table 1 Firefighter Roles

| Role Names | Access | Intended Users |
|---------------------------------|---|---|
| /VIRSA/ Z_VFAT_ADMINISTRATOR | Ability to configure Firefighter, create FirefightID passwords, assign FirefightIDs, and run reports. | Firefighter Administrators |
| /VIRSA/Z_VFAT_FIREFIGHTER | SAP support personnel with the ability to sign on and complete firefighting activities in case of an emergency. | SAP support personnel for basis and configuration areas |
| /VIRSA/Z_VFAT_ID_OWNER | Personnel who are decision makers of what situations require the use of FirefightIDs for problem resolution. | Business and SAP support personnel |

These roles are delivered in a .DAT file. To install the .DAT roles ask your Basis Administrator to upload the file using **PFCG**. See [Appendix B, “Default Role Settings”](#) for more information.

Assigning Firefighter Roles to Firefighter Users

The Firefighter roles described above must be assigned to users in order for them to access the Firefighter program.

Assign the Firefighter roles to the intended users of the Firefighter program using transaction **SU01** or **PFCG** or work with your User/Security Administrator . Firefighter roles are delivered assuming users already have the basic access required for the SAP system, e.g. access to printing, **SU53**, etc.

Customizing Firefighter Role Definitions

Firefighter user roles may be customized according to specific requirements and naming standards.

Conformance to Naming Standards

- **To customize the names of the Firefighter roles to specific naming conventions:**
 - 1 Run transaction **PFCG**.
 - 2 Enter the Firefighter role name (e.g. /VIRSA/Z_VFAT_ADMINISTRATOR).
 - 3 Click the **Copy** button and specify the **Destination Activity Group** (or **Role**).
 - 4 Generate the role to ensure the related authorizations are created.
 - 5 Repeat [Step 1](#) through [Step 4](#) for all the other Firefighter roles.

Customizing Role Authorizations to Your Needs

For customizing the authorizations of the roles, please consult your User/Security Administrator. Firefighter authorization object documentation specifies the significance of each object and field to help customize the authorizations of Firefighter roles.

4

TABLE ADMINISTRATION

TOPICS COVERED IN THIS CHAPTER

- Firefighter Table Administration
 - Assigning FirefightIDs to Owners
 - Assigning FirefightIDs to Firefighters
 - Assigning FirefightIDs to Controllers
 - Creating FirefightID Passwords
 - Firefighter Configuration Table
 - Critical Transactions Table

Firefighter Table Administration

The six tables in this chapter are used by Firefighter Administrators and Owners to assign FirefightIDs and configure the Firefighter program. Firefighter users not assigned to the Administrator or Owner roles do not have access to these tables.



Note Firefighter utilizes authority checks when editing tables or viewing, downloading, deleting, and uploading the Log report.

Assigning FirefightIDs to Owners

The Owners table is used by Firefighter Administrators to assign FirefightIDs to Owners.

- FirefightID Owners act as managers of FirefightIDs.
- There can be only one Owner for each FirefightID.
- Owners can be assigned multiple FirefightIDs.
- FirefightID Owners can assign their FirefightIDs to Firefighters and Controllers.

| Owners | | | |
|-------------|-------------------|---------|----------------------------------|
| FirefightID | FirefightID Owner | Used by | Description |
| FIREFIGHT01 | PWINKLER | | PERFORM BASIS ACTIVITIES - ASSIE |
| FIREFIGHT02 | SPETERS | | TO PERFORM MATERIAL MANAGEMENT A |
| FIREFIGHT03 | SPETERS | | TO CREATE G/L ACCOUNTS |

Figure 4 Firefighter Owners Table

► **To assign FirefightIDs to Owners:**

- 1 Click the **Owners** button on the Firefighter toolbar. The **Owners** table is displayed.



Note You should be in 'Change View' to edit or add entries to this table. If another Firefighter Administrator is accessing the Owners table you won't be able to edit the table.

- 2 Click **New Entries**.
- 3 If you know the name of the FirefightID, enter it in the **FirefightID** column. Otherwise you can click on the standard search button and search for a FirefightID.



Important Do not use existing userIDs as FirefightIDs. You should use the specific userIDs created for firefighting. Once a userID has been designated as a FirefightID it cannot be used for normal logins. See section ["FirefightID Creation" on page 22](#) in [Chapter 3, "Initial Configuration"](#) for more information.

- 4 If you know the userID of the person you are designating as a FirefightID Owner enter it in the **FirefightID Owner** column. Otherwise you can click the standard search button and search for the user.



Note When designating users as FirefightID Owners verify the users have been assigned the Owner Firefighter role. /VIRSA/ Z_VFAT_ID_OWNER is the Firefighter Owner role delivered with the Firefighter program. Users designated as FirefightID Owners without having the role assigned to them cannot access the Firefighter program.

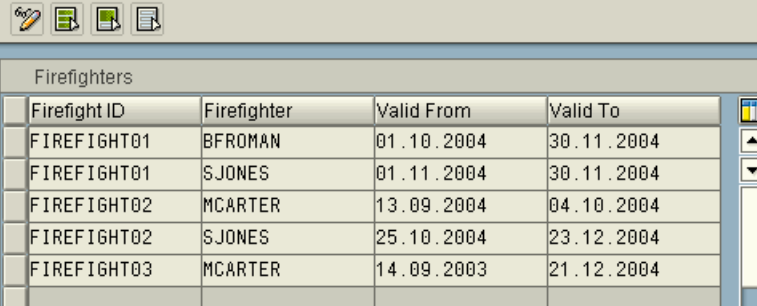
- 5 Use the **Description** field to describe the FirefightID's intended use. This description should provide enough information for the designated owner to know which FirefightID should be assigned to which Firefighter user, i.e. which support personnel should be able to use the FirefightID.
- 6 Click the **Save** button to add the entry to the Owners table.
- 7 Repeat [Step 1](#) to [Step 6](#) for each FirefightID Owner.

Assigning FirefightIDs to Firefighters

Firefighters are the support personnel that perform firefighting.

Firefighter Administrators and FirefightID Owners can assign FirefightIDs to support personnel.

► To assign FirefightIDs to Firefighters:



| Firefight ID | Firefighter | Valid From | Valid To |
|--------------|-------------|------------|------------|
| FIREFIGHT01 | BFROMAN | 01.10.2004 | 30.11.2004 |
| FIREFIGHT01 | SJONES | 01.11.2004 | 30.11.2004 |
| FIREFIGHT02 | MCARTER | 13.09.2004 | 04.10.2004 |
| FIREFIGHT02 | SJONES | 25.10.2004 | 23.12.2004 |
| FIREFIGHT03 | MCARTER | 14.09.2003 | 21.12.2004 |

Figure 5 Firefighters Table

- 1 Click the **Firefighters** button on the toolbar. The **Firefighters** table is displayed.



Note You should be in 'Change View' to edit or add entries to this table. If another Firefighter Administrator is accessing the Firefighters table you won't be able to edit the table.

- 2 Click **New Entries**.
- 3 If you know the name of the FirefightID, enter it in the **FirefightID** column. Otherwise you can click on the standard search button and search for a FirefightID.

- 4 If you know the userID of the person you are designating as the Firefighter enter it in the **Firefighter** column. Otherwise you can click the standard search button and search for the user.



Note When designating users as Firefighters verify the users have been assigned the Firefighter role. /VIRSA/Z_VFAT_FIREFIGHTER is the Firefighter role delivered with the Firefighter program. Users designated as Firefighters without having the role assigned to them cannot access the Firefighter program.

- 5 Enter the date range to keep the Firefighter’s account active. Date range validation prevents you from entering a “To” date older than the “From” date.
- 6 Click the **Save** button to add the entry to the **Firefighters** table.
- 7 Repeat [Step 1](#) to [Step 6](#) for each Firefighter you want to add.

Assigning FirefightIDs to Controllers

The Controllers table is used to designate Firefighter users receiving email notification of FirefightID login events.

- FirefightID Controllers use the same role as Owners (/VIRSA/Z_VFAT_ID_OWNER).
- Controllers can have Log reports emailed as attachments each time the /VIRSA/ZVFATBAK background job is run.
- A Controller can be responsible for more than one FirefightID.
- A FirefightID can be assigned to multiple Controllers.

| FirefightID | FF ID Controller | Usage Flag Information |
|-------------|------------------|------------------------|
| FIREFIGHT01 | BFROMAN | Log Display |
| FIREFIGHT02 | BFROMAN | Email |
| FIREFIGHT03 | BFROMAN | Log Display |

Figure 6 Firefighter Controllers Table

► To assign FirefightIDs to Controllers:

- 1 Click the **Controllers** button on the Firefighter toolbar. The **Controllers** table is displayed.



Note You should be in 'Change View' to edit or add entries to this table. If a Firefighter Administrator or Owner is accessing the Controllers table you won't be able to edit the table.

- 2 Click **New Entries**.
- 3 If you know the name of the FirefightID, enter it in the **FirefightID** column. Otherwise you can click on the standard search button and search for a FirefightID.

- 4 If you know the userID of the person you are designating as a FirefightID Controller enter it in the **FirefightID Controller** column. Otherwise you can click the standard search button and search for the user.



Note When designating users as FirefightID Controllers verify they have been assigned the Owner Firefighter role. /VIRSA/Z_VFAT_ID_OWNER is the Firefighter Owner role delivered with the Firefighter program. Users designated as FirefightID Controllers without having the role assigned to them cannot access the Firefighter program.

- 5 Choose a method of notification in the **Usage Flag Information** column.
 - Choose **Log display** if the Controller will view FirefightID login events from the Firefighter Cockpit. Choosing **Log display** means the Controller will manually generate a Log report and view the report within the Firefighter program. See [Chapter 6, “Log Report”](#) for more information about generating and reading a Log report.
 - Choose **Email** if the Controller will receive email notifications each time a login event occurs with a FirefightID. Choosing **Email** also means a Log report is sent as an attachment to the Controller each time the /VIRSA/ZVFATBAK background job is run.



Note If you choose **Email** you must also set the **Email Notification** parameter to [yes]. See section [“Email Notification of FirefightID Login” on page 30](#) in [Chapter 4, “Table Administration”](#) for more information.

- 6 Click the **Save** button to add the entry to the **Controllers** table.
- 7 Repeat [Step 1](#) to [Step 6](#) for each FirefightID Controller.

Creating FirefightID Passwords

You use the Firefighter Security table to maintain passwords for FirefightIDs.

| Security | |
|--------------|----------|
| Firefight ID | Password |
| FIREFIGHT01 | q\Ab1+@ |
| FIREFIGHT02 | q\Ab1+@ |
| FIREFIGHT03 | q\Ab1+@ |

Figure 7 FirefightID Security Table

- **To create a password for a FirefightID:**
 - 1 Click the **Security** button on the toolbar. The **FirefightID Security** table is displayed.
 - 2 Click **New Entries**.
 - 3 Enter the FirefightID in the **FirefightID** column.
 - 4 Enter the password in the **Password** column.

- 5 Click the **Save** button. Once you save the password entry the password is encrypted.
- 6 Repeat [Step 1](#) to [Step 5](#) for each FirefightID.



Important Passwords created in the Security table must match the password created using **SU01** when you defined the FirefightID user.

You must create a password for each FirefightID or an error message will display when the FirefightID is used to log in.

Firefighter Configuration Table

The Firefighter Configuration table is used to set the value of Firefighter program parameters. The following three parameters are available in version 4.0.

Click the **Configuration** button on the toolbar to display the Configuration table.

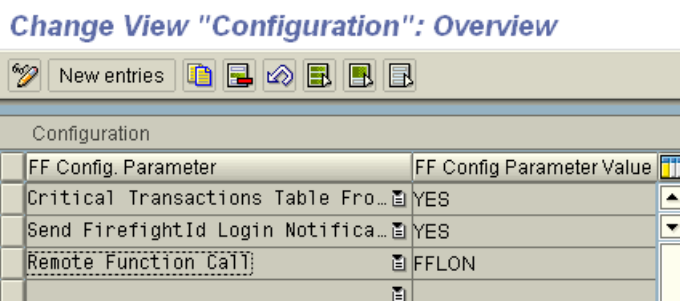


Figure 8 Firefighter Configuration Table

Email Notification of FirefightID Login

The email notification parameter values are [yes] or [no]. Setting the parameter value to [yes] enables emails to be generated and sent to Controllers with a **Usage Flag Information** value of [email].

Critical Transactions Table from Compliance Calibrator

If the Compliance Calibrator program is installed on the same system as Firefighter you can use its critical transactions table, rather than build a separate table for Firefighter. If you set the parameter's value to [yes] Compliance Calibrator's Critical Transactions table is used instead of Firefighter's Critical Transactions table.

Remote Function Call (RFC)

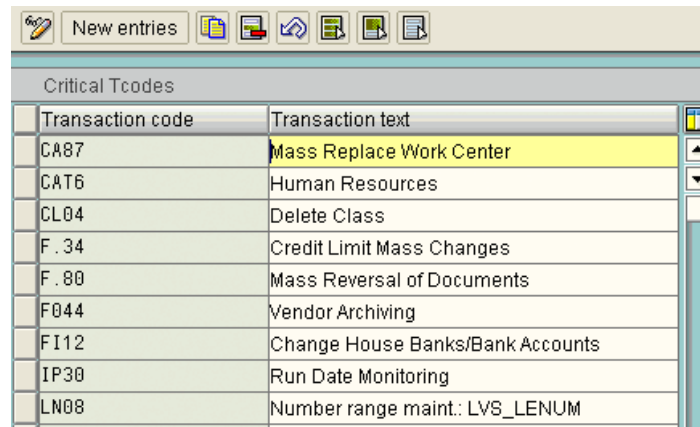
The RFC parameter specifies the name of the remote function call. See section [“Define RFC Destination for the Firefighter Program”](#) on page 22 in [Chapter 3, “Initial Configuration”](#) and [Appendix A, “RFC Default Settings”](#) for more information.

► **To specify the name of the RFC:**

- 1 Type the name of the RFC in the **Parameter Value** column.
- 2 Click the **Save** button.

Critical Transactions Table

Firefighter's Critical Transactions table is used to specify critical transactions within your organization. A critical transaction is any SAP transactions deemed critical by your organization. The entries in this table are used when generating Firefighter reports.



| Transaction code | Transaction text |
|------------------|----------------------------------|
| CA87 | Mass Replace Work Center |
| CAT6 | Human Resources |
| CL04 | Delete Class |
| F. 34 | Credit Limit Mass Changes |
| F. 80 | Mass Reversal of Documents |
| F044 | Vendor Archiving |
| F112 | Change House Banks/Bank Accounts |
| IP30 | Run Date Monitoring |
| LN08 | Number range maint.: LVS_LENUM |

Figure 9 Firefighter Critical Transactions Table

► **To add transactions to the table:**

- 1 Click **New entries**.
- 2 Enter the transaction code in the **Transaction Code** column.
- 3 Enter a description in the **Transaction Text** column.
- 4 Click the **Save** button.
- 5 Repeat [Step 1](#) to [Step 4](#) for each transaction you want to add to the table.

Using the Compliance Calibrator Critical Transactions Table

See sections [“Critical Transactions Table from Compliance Calibrator”](#) on page 30 in Chapter 4, [“Table Administration”](#) and [“Using Compliance Calibrator’s Critical Transactions Table”](#) on page 34 in Chapter 5, [“Maintenance”](#) for more information.

5

MAINTENANCE

TOPICS COVERED IN THIS CHAPTER

- Uploading and Downloading Firefighter Data Tables
 - Using Compliance Calibrator's Critical Transactions Table
- Downloading Firefighter Tables
- Uploading Firefighter Tables
- Downloading and Deleting the Log Report
- Uploading the Log Report

Uploading and Downloading Firefighter Data Tables

If you maintain Firefighter on different systems you can share data by downloading and uploading Firefighter's data tables. The method for downloading and uploading is the same for each table.

Using Compliance Calibrator's Critical Transactions Table

If you want to use the Critical Transactions table from Compliance Calibrator, but Compliance Calibrator is installed on a different system you can download the table and upload it into Firefighter.

- **To use the Critical Transactions table:**
 - 1 Download the Critical Transactions table from Compliance Calibrator.
 - 2 Open the saved file in Excel or some spreadsheet program.
 - 3 There are four columns of data in the table. Delete the last two columns.
 - 4 Save the file as a tab-delimited text file.
 - 5 Use the upload procedure described below to populate Firefighter's Critical Transactions table.

Downloading Firefighter Tables

The Download feature is used to backup Firefighter table data and to move table data from one Firefighter installation to another.

- **To download each Firefighter table:**

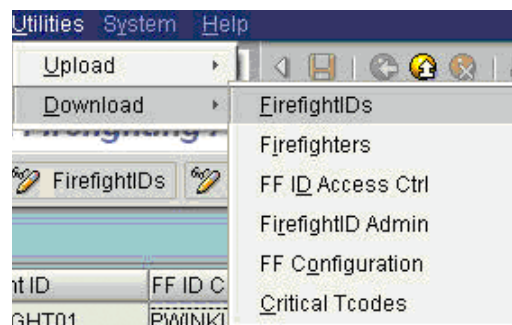


Figure 10 Firefighter Utilities > Download Menu Items

- 1 Click the **Utilities** menu.
- 2 Click the **Download** menu item.
- 3 Choose the table you want to download.
- 4 Enter a name in the **File Name** field.

- 5 Click the **Open** button.



Note Downloaded table data can be opened and read in a spreadsheet. In order to upload the downloaded file you must save it in tab-delimited text format for SAP release 4.6c.

Uploading Firefighter Tables

The Upload feature is used to populate the data tables in Firefighter with backup data or data from other Firefighter installations.

- **To upload each Firefighter table:**

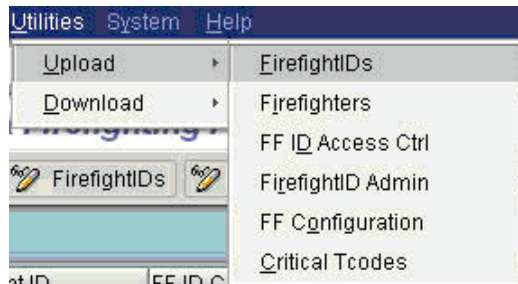


Figure 11 Firefighter Utilities > Upload Menu Items

- 1 Click the **Utilities** menu.
- 2 Click the **Upload** menu item.
- 3 Choose the table you want to upload.
- 4 Enter the name in the **File Name** field.
- 5 Click the **Open** button.

Downloading and Deleting the Log Report

The Log report can be viewed two different ways outside Firefighter. One way to view the Log report outside Firefighter is to download all log data to a single file. For more information about using this method see [Chapter 6, “Log Report”](#).

Another way to view log data is to archive the data. The archived files can be read using a spreadsheet program.

To archive the Log report use the **Administration > Archive > Delete/Download Log** command.

The downloaded (archived) data is saved in three separate text files. Each text file archives different data from the Log. The following sections describe the three text files.

Files Ending with SLOG Store FirefightID Login Events

See section “Login Events” on page 40 in Chapter 6, “Log Report” for more information.

| | A | B | C | D | E | F |
|---|-------------|---------|------------|--------|-------------------------------------|---------------------------|
| 1 | FIREFIGHT01 | SJONES | 04.11.2004 | 100312 | TO CREATE USERID FOR TOM HEMMER AND | ASSIGN THE REQUIRED ROLES |
| 2 | FIREFIGHT01 | SJONES | 04.11.2004 | 103906 | TO MODIFY USERID FOR TOM HEMMER. | ASSIGN THE REQUIRED ROLES |
| 3 | FIREFIGHT02 | SJONES | 04.11.2004 | 100718 | TO CREATE MATERIAL MATTRESS SPRING | |
| 4 | FIREFIGHT03 | MCARTER | 04.11.2004 | 101449 | CREATING A G/L ACCOUNT | |

Figure 12 The SLOG File Opened in a Spreadsheet

Each row in the spreadsheet is a recorded FirefightID login event. The columns contain the following information.

| FirefightID | Firefighter | Session Date | Session Time | Reason | Activity |
|-------------|-------------|--------------|--------------|--------|----------|
|-------------|-------------|--------------|--------------|--------|----------|



Note The Session Time column is displayed as a number. To display the value as clock time, format the column in a time format.

Files Ending with TLOG Store Transaction Type Records

See section “Transaction Type Record” on page 41 in Chapter 6, “Log Report” for more information.

| | A | B | C | D | E | F |
|----|-------------|------------|--------|--------------|------|---------------|
| 1 | FIREFIGHT01 | 04.11.2004 | 100312 | pluto_VQ3_00 | | MainMenu |
| 2 | FIREFIGHT01 | 04.11.2004 | 100317 | pluto_VQ3_00 | SU01 | SAPMSUU0 |
| 3 | FIREFIGHT01 | 04.11.2004 | 100424 | pluto_VQ3_00 | PFCG | SAPLPRGN_TREE |
| 4 | FIREFIGHT01 | 04.11.2004 | 103906 | pluto_VQ3_00 | | MainMenu |
| 5 | FIREFIGHT01 | 04.11.2004 | 170137 | pluto_VQ3_00 | | MainMenu |
| 6 | FIREFIGHT02 | 04.11.2004 | 100718 | pluto_VQ3_00 | | MainMenu |
| 7 | FIREFIGHT02 | 04.11.2004 | 100718 | pluto_VQ3_00 | MM01 | SAPMMG01 |
| 8 | FIREFIGHT02 | 04.11.2004 | 100723 | pluto_VQ3_00 | | MainMenu |
| 9 | FIREFIGHT03 | 04.11.2004 | 101449 | pluto_VQ3_00 | | MainMenu |
| 10 | FIREFIGHT03 | 04.11.2004 | 101449 | pluto_VQ3_00 | FSM1 | SAPMF02H |
| 11 | FIREFIGHT03 | 04.11.2004 | 101455 | pluto_VQ3_00 | | MainMenu |

Figure 13 The TLOG File Opened in a Spreadsheet

Each row in the spreadsheet is the Transaction Type record for the corresponding row in the SLOG table, shown above. The columns contain the following information.

| FirefightID | Transaction Date | Transaction Time | Server Name | Transaction Code | Report Name | Report Title |
|-------------|------------------|------------------|-------------|------------------|-------------|--------------|
|-------------|------------------|------------------|-------------|------------------|-------------|--------------|



Note The Transaction Time column is displayed as a number. To display the value as clock time, format the column in a time format.

Files Ending with CLOG Store Transaction Change Records

See section “Transaction Change Records ” on page 41 in Chapter 6, “Log Report” for more information.

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|-------------|--------|------------|--------|----------|------------|--------|------|-------|---|---|---|-----------------------|------------------|---|
| 1 | FIREFIGHT01 | SJONES | 04.11.2004 | 100312 | ADRESSE3 | 04.11.2004 | 100420 | SU01 | ADCP | | | | I New record Created. | BC01000002210000 | |
| 2 | FIREFIGHT01 | SJONES | 04.11.2004 | 100312 | ADRESSE3 | 04.11.2004 | 100420 | SU01 | ADR7 | | | | I New record Created. | BC01000002210000 | |
| 3 | FIREFIGHT01 | SJONES | 04.11.2004 | 100312 | ADRESSE3 | 04.11.2004 | 100420 | SU01 | ADRP | | | | I New record Created. | BC01000002210000 | |
| 4 | FIREFIGHT01 | SJONES | 04.11.2004 | 100312 | ADRESSE3 | 04.11.2004 | 100420 | SU01 | ADRT | | | | I New record Created. | BC01000002210000 | |
| 5 | FIREFIGHT02 | SJONES | 04.11.2004 | 100718 | MATERIAL | 04.11.2004 | 100952 | MM01 | DMAKT | | | | I New record Created. | 0000000000000000 | |
| 6 | FIREFIGHT02 | SJONES | 04.11.2004 | 100718 | MATERIAL | 04.11.2004 | 100952 | MM01 | DMAKM | | | | I New record Created. | 0000000000000000 | |
| 7 | FIREFIGHT02 | SJONES | 04.11.2004 | 100718 | MATERIAL | 04.11.2004 | 100952 | MM01 | MARA | | | | I New record Created. | 0000000000000000 | |
| 8 | | | | | | | | | | | | | | | |

Figure 14 The CLOG File Opened in a Spreadsheet

Not all Login events and Transaction Type records have corresponding Transaction Change records. The columns in a Transaction Change record contain the following information.

| FirefightID | Firefighter | Session Date | Session Time | Object ID | Transaction Date | Transaction Time | Transaction Code |
|-------------|-------------|-------------------|------------------|-----------|------------------|------------------------|------------------|
| Table Name | Field Name | Field Description | Change Indicator | Old Value | New Value | Change Document Number | |



Note The Transaction Time column is displayed as a number. To display the value as clock time, format the column in a time format.

The Log Report

- To download and delete the Log report:

Figure 15 Download/Delete Log Report Form

- 1 Click the **Archive** menu under the **Administration** menu.
- 2 Click the **Delete/Download Log** menu item.
- 3 Enter a date range and or a range of FirefightIDs. If you leave these fields blank all the FirefightID login records in the Log are downloaded.
- 4 Click the **Download** checkbox.
- 5 Click the **Delete** checkbox if you want to delete the contents of the Log report table.

- Click the **Execute** button. If you checked the **Delete** checkbox the following confirmation dialog appears. Click **Yes** to confirm deletion. All the records specified by the date range or the FirefightID range are deleted after the download is complete.

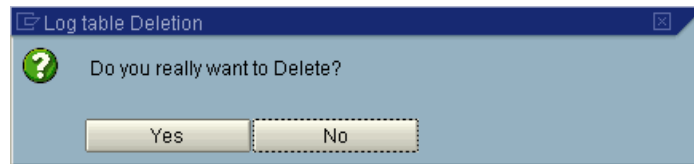


Figure 16 Confirming Log Report Deletion

- After the deletion the following download confirmation dialog appears. Click the **Enter** button to complete the procedure.

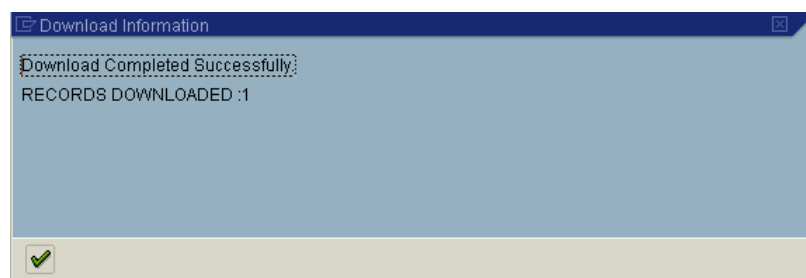


Figure 17 Confirmation of Downloaded Log Report

Uploading the Log Report

A downloaded Log report is saved as three separate files. See section [“Downloading and Deleting the Log Report” on page 35](#) for more information. The files are dependant hierarchically when you are uploading.

You must upload the Session Log data (the file with the extension SLOG) in order to upload the Transaction Log data (the file with the extension TLOG). You must upload the TLOG file in order to upload the Change Log Data (the file with the extension CLOG).

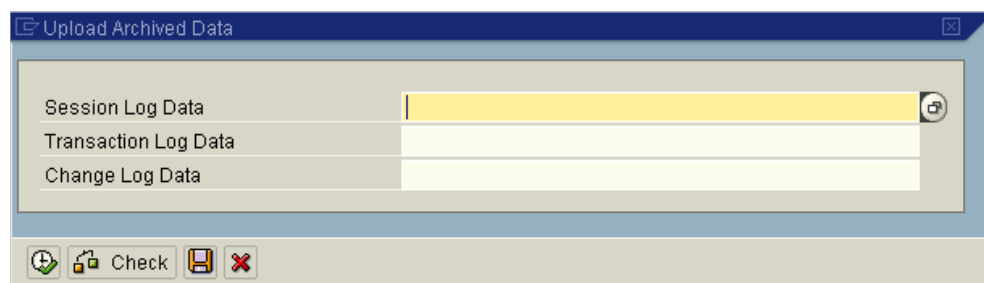


Figure 18 Uploading the Log Report


6

LOG REPORT

TOPICS COVERED IN THIS CHAPTER

- Firefighter Reports
- Log Report
 - Login Events
 - Transaction Type Record
 - Transaction Change Records
 - Log Report Form
 - Downloading the Log Report

Firefighter Reports

There are four Firefighter reports in the Firefighter Tool Box. The Log report is also accessible from the Firefighter Cockpit using the **View Log**  button. Each report has its own report form. With the exception of the Log report only a Firefighter Administrator can access the other reports in the Tool Box.

Log Report

Firefighter uses a tree structure to present the three types of information contained in the Log report. Associated data for each login event is nested and is accessible by clicking the plus (+) sign to the left of a line item.

Login Events

| FirefightId | Firefighter | Session Date | Session Time | Reason | | |
|-------------|-------------|--------------|--------------|-----------------|--------------|--|
| Date | Time | Server Name | Transaction | Report Name | Report Title | |
| FF_CLOSE | GDICKHART | 09/14/2004 | 21:19:17 | SEPTEMBER CLOSE | | |
| FIREFIGHT01 | BBEHERA | 09/13/2004 | 18:31:30 | CXC | | |
| FIREFIGHT01 | BBEHERA | 09/14/2004 | 14:34:57 | SDSD | | |
| FIREFIGHT01 | BBEHERA | 09/14/2004 | 14:41:47 | SDSD | | |

Figure 19 Login Events from the Log Report

The top branch of the tree structure displays the login event and is always visible.

A login event displays the following field data:

- FirefightID
- Firefighter
- Session Date
- Session Time
- Reason
- Activity

Transaction Type Record

| FirefightId | Firefighter | Session Date | Session Time | Reason | | |
|-----------------|-------------|--------------|--------------|--|------------------|--|
| Date | Time | Server Name | Transaction | Report Name | Report Title | |
| [-] FIREFIGHT01 | SJONES | 04.11.2004 | 10:03:12 | TO CREATE USERID FOR TOM HEMMER AND AS | | |
| [-] 04.11.2004 | 10:03:12 | pluto_VQ3_00 | | MainMenu | | |
| [-] 04.11.2004 | 10:03:17 | pluto_VQ3_00 | SU01 | SAPMSUU0 | User Maintenance | |
| [-] 04.11.2004 | 10:04:24 | pluto_VQ3_00 | PFC6 | SAPLPRGN_TREE | Role Maintenance | |
| [-] FIREFIGHT02 | SJONES | 04.11.2004 | 10:07:18 | TO CREATE MATERIAL MATTRESS SPRING | | |
| [-] 04.11.2004 | 10:07:18 | pluto_VQ3_00 | | MainMenu | | |

Figure 20 Transaction Type Record for a Login Event

The Transaction Type record of a login event displays data about the transaction used during the login.

A Transaction Type record is the second branch of a login event. Clicking the plus (+) sign to the left of the login event displays the associated transaction information.

A Transaction Type record displays the following field data:

- Transaction Date
- Transaction Time
- Server Name
- Transaction Code
- Report Name
- Report Title

Transaction Change Records

| Download | | | | | | |
|-----------------|----------|--------------------|--------------|---|-----------------------|---------|
| FirefightId | | Firefighter | Session Date | Session Time | Reason | |
| Date | Time | Server Name | Transaction | Report Name | Report Title | |
| TCode | Time | Change Document | Table | Field Text | Old Value | New Val |
| [-] FIREFIGHT01 | SJONES | 04.11.2004 | 10:03:12 | TO CREATE USERID FOR TOM HEMMER AND ASSIGN TH | | |
| [-] 04.11.2004 | 10:03:12 | pluto_VQ3_00 | | MainMenu | | |
| [-] 04.11.2004 | 10:03:17 | pluto_VQ3_00 | SU01 | SAPMSUU0 | User Maintenance | |
| [-] 04.11.2004 | 10:04:24 | pluto_VQ3_00 | PFC6 | SAPLPRGN_TREE | Role Maintenance | |
| [-] FIREFIGHT02 | SJONES | 04.11.2004 | 10:07:18 | TO CREATE MATERIAL MATTRESS SPRING | | |
| [-] 04.11.2004 | 10:07:18 | pluto_VQ3_00 | | MainMenu | | |
| [-] 04.11.2004 | 10:07:23 | pluto_VQ3_00 | MM01 | SAPMMG01 | Create Material & | |
| | 10:09:52 | 000000000000000002 | DMAKT | | New record Created. | |
| | 10:09:52 | 000000000000000002 | DMARM | | New record Created. | |
| | 10:09:52 | 000000000000000002 | MARA | | New record Created. | |
| [-] FIREFIGHT03 | MCARTER | 04.11.2004 | 10:14:49 | CREATING A G/L ACCOUNT | | |
| [-] 04.11.2004 | 10:14:49 | pluto_VQ3_00 | | MainMenu | | |
| [-] 04.11.2004 | 10:14:55 | pluto_VQ3_00 | FSM1 | SAPMF02H | Create Sample Account | |

Figure 21 Transaction Change Record for a Login Event

The Log report now displays transaction details for all transactions with a recorded change history and displays it as a Transaction Change record associated with a login event.

The Log report now uses a tree structure to display three types of data. The Transaction Change record is the third branch of a login event.

- **Login Events**
- **Transaction Type Record**
- **Transaction Change Record**

Displays the following data:

- Tcode Time
- Change Document
- Table
- Field Text
- Old Value
- New Value

You can click the plus (+) sign to the left of a Transaction Type record to display the Transaction Change record. Transaction Type records with no Transaction Change records have no plus (+) signs.

Log Report Form

The Log report form is displayed when you click the **Log report** button on the toolbar or click the **Log report** item in the Firefighter Tool Box. The Log report form is used to generate the Log report. When generating a Log report you can limit the report content by using the filters in the Log report form.

The Log report form has the following filters:

- FirefightID
- Firefighter
- Transaction
- Date
- Time

The filters can be used in any combination.

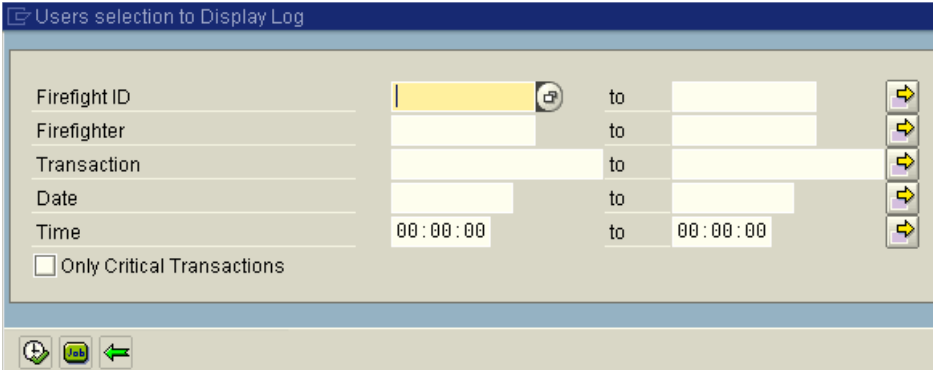
The screenshot shows a software window titled "Users selection to Display Log". Inside, there are five filter rows: "Firefight ID", "Firefighter", "Transaction", "Date", and "Time". Each row has a text input field, a "to" label, and another text input field. To the right of each "to" label is a yellow button with a right-pointing arrow. The "Time" row's input fields are pre-filled with "00:00:00". Below these rows is a checkbox labeled "Only Critical Transactions". At the bottom of the window is a toolbar with three icons: a green circle with a checkmark, a green square with a magnifying glass, and a green arrow pointing left.

Figure 22 Log Report Form

Viewing Critical Transactions in the Log Report

The **Only Critical Transactions** checkbox is another filter you can apply when generating the Log report. If you click the checkbox the Log report only displays login events containing critical transactions. Critical transactions are defined by those transactions in the Critical Transactions table. See sections [“Critical Transactions Table” on page 31](#) in Chapter 4, “Table Administration” and [“Using Compliance Calibrator’s Critical Transactions Table” on page 34](#) in Chapter 5, “Maintenance” for more information.

Running the /VIRSA/ZVFATBAK Background Job Manually

After generating a Log report you may see the following entries.

| FirefightId Date | Firefighter Time | Session Date Server Name | Session Time Transaction | Reason Report Name | Report Title |
|--------------------------|--|-----------------------------|-----------------------------|-------------------------------------|--------------|
| FIREFIGHT01 | SJONES | 04.11.2004 | 10:03:12 | TO CREATE USERID FOR TOM HEMMER AND | |
| <input type="checkbox"/> | BACKGROUND JOB WAS NOT SCHEDULED/LOG FILE NOT YET GENERATED. | | | | |
| FIREFIGHT02 | SJONES | 04.11.2004 | 10:07:18 | TO CREATE MATERIAL MATTRESS SPRING | |
| <input type="checkbox"/> | BACKGROUND JOB WAS NOT SCHEDULED/LOG FILE NOT YET GENERATED. | | | | |
| FIREFIGHT03 | MCARTER | 04.11.2004 | 10:14:49 | CREATING A G/L ACCOUNT | |
| <input type="checkbox"/> | BACKGROUND JOB WAS NOT SCHEDULED/LOG FILE NOT YET GENERATED. | | | | |

Figure 23 Log Report Showing “Background Job Was Not Scheduled/Log File Not Yet Generated”

The background job /VIRSA/ZVFATBAK can now be run at any time by clicking the **Update Firefighter Log** button located on the Log report form or the tool menu in the Tool Box. When you click the **Update Firefighter Log** button the following dialog is displayed. See section [“Scheduling Firefighter Background Job for Logging” on page 22](#) in Chapter 3, “Initial Configuration” for more information.

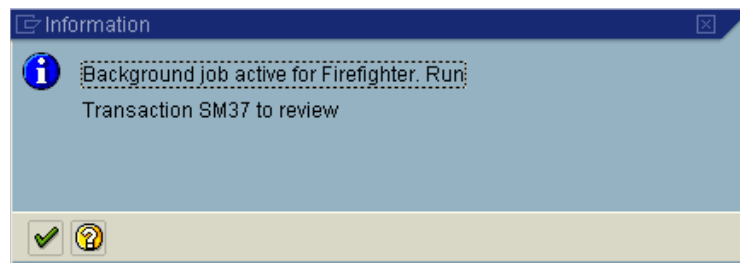


Figure 24 Running the /VIRSA/ZVFATBAK Background Job Manually



Note Each time the job /VIRSA/ZVFATBAK is run a Log report is generated and emailed as an attachment to Controllers. Only those Controllers whose **Usage Flag Information** is set to [email] in the Firefight ID Access Control table receive emails with the attached Log report.

Downloading the Log Report

The Log report can be viewed two different ways outside Firefighter. One way to view log data is to archive the data using the **Administration > Archive > Delete/Download** command. See section [“Downloading and Deleting the Log Report” on page 35](#) in [Chapter 5, “Maintenance”](#) for more information about the archived log data.

Another way to view the log data outside of Firefighter is to use the **Download** button on the Log report screen. Once you have generated a Log report you can download the data to a file. This single, saved file contains all log data discussed in section [“Downloading and Deleting the Log Report” on page 35](#) in [Chapter 5, “Maintenance”](#).

You now have four file format choices when downloading a Log file:

- **Unconverted** This is a plain text file.
- **Spreadsheet** This is a tab-delimited text file.
- **Rich text** This file format includes graphics in the download.
- **HTML** This file format also includes graphics and displays the downloaded file in a browser window.

► **To download a Log report:**

- 1 Click the **Download** button next to the Log report title. The **File format** dialog is displayed.

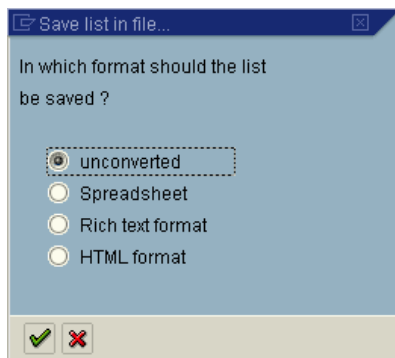


Figure 25 Choosing a File Format for Downloading the Log Report

- 2 Choose a file format. The format definitions are described above.
- 3 Click the **Enter** button. The file name dialog is displayed.

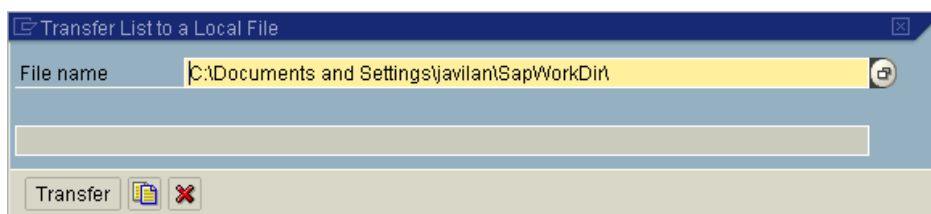
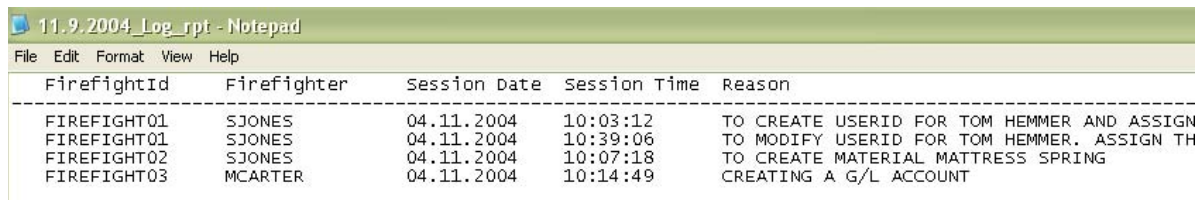


Figure 26 File Name Dialog for Downloading a Log Report

- 4 Enter a name and location for the Log report and click **Transfer**. The Log report is saved.

The saved Log report looks like this if saved as an unformatted file and opened in Notepad.



| FirefightId | Firefighter | Session Date | Session Time | Reason |
|-------------|-------------|--------------|--------------|--|
| FIREFIGHT01 | SJONES | 04.11.2004 | 10:03:12 | TO CREATE USERID FOR TOM HEMMER AND ASSIGN |
| FIREFIGHT01 | SJONES | 04.11.2004 | 10:39:06 | TO MODIFY USERID FOR TOM HEMMER, ASSIGN TH |
| FIREFIGHT02 | SJONES | 04.11.2004 | 10:07:18 | TO CREATE MATERIAL MATTRESS SPRING |
| FIREFIGHT03 | MCARTER | 04.11.2004 | 10:14:49 | CREATING A G/L ACCOUNT |

Figure 27 Downloaded Log Report in Unformatted File Format

LOG SUMMARY

TOPICS COVERED IN THIS CHAPTER

[FirefightID Log Summary](#)

[FirefightID Log Summary Form](#)

FirefightID Log Summary

The FirefightID Log summary captures data for FirefightIDs. The report displays the names, dates, and times of Firefighters using each FirefightID. This report is accessible from the Firefighter Tool Box.

| FirefightId | FirefightId Controller 1 | FirefightId Controller 2 | Firefighter | Date | Time | Count |
|-------------|--------------------------|--------------------------|-------------|------------|----------|-------|
| FIREFIGHT01 | BFROMAN | JAVILAN | SJONES | 04.11.2004 | 10:03:12 | 2 |
| | | | SJONES | 04.11.2004 | 10:39:06 | |
| FIREFIGHT02 | BFROMAN | JAVILAN | SJONES | 04.11.2004 | 10:07:18 | 1 |
| FIREFIGHT03 | BFROMAN | JAVILAN | MCARTER | 04.11.2004 | 10:14:49 | 1 |

Figure 28 FirefightID Log Summary

This report displays the following information for each FirefightID:

- **FirefightID** Each record in the report is organized around the FirefightID.
- **FirefightID Controller 1** A Controller of the FirefightID.
- **FirefightID Controller 2** A Controller of the FirefightID. Only the first two Controllers are listed in this report. There may be additional Controllers.
- **Firefighter** The name of the Firefighter using the FirefightID.
- **Date** The date the FirefightID was used.
- **Time** The time of day the FirefightID was used.
- **Count** The total number of times the FirefightID was used.

FirefightID Log Summary Form

The FirefightID Log summary form allows you to specify the FirefightID(s) included in the report. You can specify a FirefightID, a range of FirefightIDs, a FirefightID Owner or a range of FirefightID Owners. In addition you can specify a date or date range to filter the report results.

Figure 29 FirefightID Log Summary Form

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TRANSACTION USAGE REPORT

TOPICS COVERED IN THIS CHAPTER

- Transaction Usage Report
 - Summary Level
 - Detail Level
 - Transaction Usage Report Form

Transaction Usage Report

The Transaction Usage report captures transaction data for FirefightIDs and Firefighters. The report displays the number and type of transactions accessed for each FirefightID by each Firefighter.

The Transaction Usage report has two levels of reporting, Summary and Detail. This report is accessible from the Firefighter Tool Box.

Summary Level

| FirefightId | Firefighter | Count |
|-------------|-------------|-------|
| FIREFIGHT01 | SJONES | 2 |
| FIREFIGHT02 | SJONES | 1 |
| FIREFIGHT03 | MCARTER | 1 |

Figure 30 Transaction Usage Report, Summary View

The Summary level displays the number of transactions executed for each FirefightID and Firefighter within the specified date range. The Summary level displays the following field data:

- **FirefightID** The FirefightID used by the Firefighter
- **Firefighter** The name of the Firefighter using the FirefightID
- **Count** The number of transactions accessed using a FirefightID by a specific Firefighter

Detail Level

| FirefightId | Firefighter | Transaction | Description |
|-------------|-------------|-------------|-----------------------|
| FIREFIGHT01 | SJONES | SU01 | User Maintenance |
| FIREFIGHT01 | SJONES | PFCG | Role Maintenance |
| FIREFIGHT02 | SJONES | MM01 | Create Material & |
| FIREFIGHT03 | MCARTER | FSM1 | Create Sample Account |

Figure 31 Transaction Usage Report, Detail View

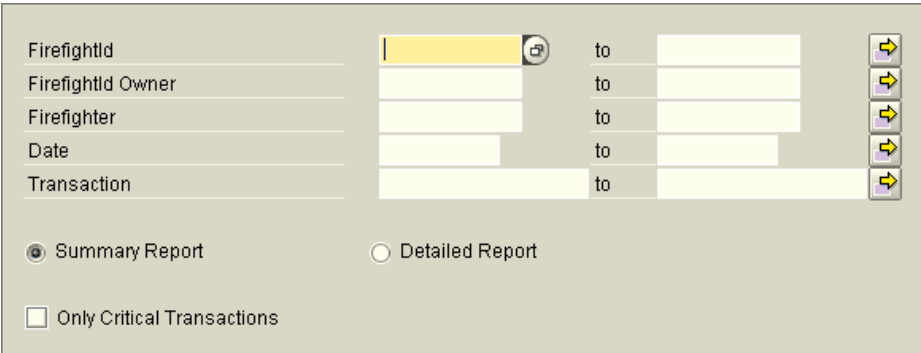
The Detail level displays the transaction type accessed using a FirefightID for each Firefighter. The Detail level displays the following field data:

- FirefightID
- Firefighter
- Transaction Name
- Transaction Description

Transaction Usage Report Form

The Transaction Usage report form determines if you are generating a Summary or Detail Transaction Usage report.

The Transaction Usage report form allows you to specify the FirefightIDs included and the date range used to generate the report. You can also apply additional filters by specifying a Firefighter, a range of Firefighters, or a specific transaction code or range of transaction codes. The generated report is sorted by FirefightID.



The form is titled "Transaction Usage Report Form". It contains several input fields and radio buttons. The fields are arranged in a table-like structure with labels on the left and input areas on the right. The labels are: FirefightId, FirefightId Owner, Firefighter, Date, and Transaction. The input areas are divided into "from" and "to" columns. There are also "Add" and "Remove" buttons for each row. Below the input fields, there are two radio buttons: "Summary Report" (selected) and "Detailed Report". At the bottom, there is a checkbox labeled "Only Critical Transactions".

| Field | From | To | Action |
|-------------------|----------------------|----------------------|------------------------------------|
| FirefightId | <input type="text"/> | <input type="text"/> | <input type="button" value="Add"/> |
| FirefightId Owner | <input type="text"/> | <input type="text"/> | <input type="button" value="Add"/> |
| Firefighter | <input type="text"/> | <input type="text"/> | <input type="button" value="Add"/> |
| Date | <input type="text"/> | <input type="text"/> | <input type="button" value="Add"/> |
| Transaction | <input type="text"/> | <input type="text"/> | <input type="button" value="Add"/> |

☒ Summary Report ☐ Detailed Report

☐ Only Critical Transactions

Figure 32 Transaction Usage Report Form



Note Checking **Only Critical Transactions** generates a Transaction Usage report containing transactions included in the Critical Transactions table. Refer to section ["Critical Transactions Table" on page 31](#) in [Chapter 4, "Table Administration"](#) for more information.

REASON/ACTIVITY REPORT

TOPICS COVERED IN THIS CHAPTER

[Reason/Activity Report](#)

[Reason/Activity Report Form](#)

Reason/Activity Report

The Reason/Activity report captures data for each FirefightID included in the report. The report lists the reason and activity for each login event. This report is accessible from the Firefighter Tool Box.

The Reason/Activity report form allows you to specify the FirefightID(s) included and the date range used to generate the report.

| FirefightID | Firefighter | Date | Time |
|--|-------------|------------|----------|
| FIREFIGHT01 | SJONES | 04.11.2004 | 10:03:12 |
| Reason - TO CREATE USERID FOR TOM HEMMER AND ASSIGN THE REQUIRED ROLES | | | |
| Activity - RUNNING TRANSACTIONS SU01, PFC6. | | | |
| FIREFIGHT01 | SJONES | 04.11.2004 | 10:39:06 |
| Reason - TO MODIFY USERID FOR TOM HEMMER. ASSIGN THE REQUIRED ROLES | | | |
| Activity - SU01 | | | |
| FIREFIGHT02 | SJONES | 04.11.2004 | 10:07:18 |
| Reason - TO CREATE MATERIAL MATTRESS SPRING | | | |
| Activity - RUN TRANSACTION MM01 | | | |
| FIREFIGHT03 | MCARTER | 04.11.2004 | 10:14:49 |
| Reason - CREATING A G/L ACCOUNT | | | |
| Activity - FSM1 | | | |

Figure 33 Reason/Activity Report

This report displays the following information for each FirefightID:

- FirefightID
- Firefighter
- Date
- Time
- Reason
- Activity

Reason/Activity Report Form

You can use the Reason/Activity report form to specify a FirefightID or range of FirefightIDs contained in the Reason/Activity report. Entering a FirefightID Owner or range of FirefightID Owners and dates provides additional filtering before generating the report.

The form contains three rows of input fields. Each row has a label on the left, a text input field, a 'to' label, another text input field, and a search icon (magnifying glass) on the right. The rows are labeled 'FirefightId', 'FirefightId Owner', and 'Date'.

Figure 34 Reason/Activity Report Form

10

USING FIREFIGHTER DASHBOARD

TOPICS COVERED IN THIS CHAPTER

- Using Firefighter
- Using the Firefighter Dashboard
 - Logging In with a FirefightID
 - Sending a Message to a Firefighter

Using Firefighter

Firefighter is used by Administrators to run reports and maintain the data tables. FirefightID Owners are also table administrators, assigning FirefightIDs to Firefighters and Controllers. Firefighter users and Controllers use Firefighter to perform firefighting tasks.

Firefighter Administrators should make sure the Critical Transactions table is kept current so that reporting is relevant.

FirefightID Owners should make sure at least one Controller for each FirefightID is on call to receive email notifications and is reviewing the Log report.

Firefighters use the FirefightID logins to run transactions during emergency situations. FirefightID Controllers monitor FirefightID usage by reviewing the Log report and receiving email notifications of FirefightID login events. The Log report is also emailed to Controllers as a text file.

This chapter and the next chapter of the User Guide covers the day-to-day usage for Firefighters and Controllers.



Note Users with any of the three Firefighter roles assigned to their userID should have Firefighter appear in their SAP Easy Access menu. If it does not you can use the transaction code [/n/virsa/vfat] to access the Firefighter program.

Using the Firefighter Dashboard

| Firefight ID | FirefightID Owner | Status | Description | FF ID Used By | Message to t... | Log on using ... |
|--------------|-------------------|--------|-------------|---------------|-----------------|------------------|
| | | | | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |
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| | | | | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |
| | | | | | Message | Log on |

Figure 35 Firefighter Dashboard

The Firefighter Dashboard is displayed in the Firefighter Cockpit. The Dashboard is used by Firefighters to login with a FirefightID. The Dashboard also displays which Firefighters are logged in with what FirefightID and enables all Firefighter users to send messages to anyone using a FirefightID.

Logging In with a FirefightID

In order to perform any firefighting a Firefighter user must log in using a FirefightID.

► **To log in:**

- 1 Click the **Login** button to the right of the FirefightID you want to use. The following dialog is displayed.

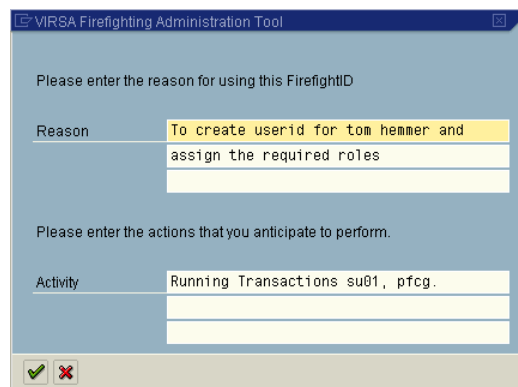


Figure 36 Reason/Activity Dialog When Logging In with a FirefightID



Note Each FirefightID is assigned different roles. Make sure you use the appropriate FirefightID. If you use the wrong FirefightID to login you can always log out and log back in with the correct FirefightID, but the erroneous login is recorded in the Log report.

- 2 Enter a reason for using the FirefightID and what activit(ies) you'll be performing. Both fields are required.
- 3 Click the **Enter** button. The SAP Easy Access menu is displayed for the FirefightID user. Any firefighting can now be performed. Once your firefighting is complete log out.

Sending a Message to a Firefighter

There may be occasions when a FirefightID is in use by one Firefighter and another Firefighter user needs to use the same FirefightID. You can send a message to the person using the FirefightID by clicking the **Message** button on the Firefighter Dashboard. The following dialog is displayed.



Figure 37 Sending a Message to a FirefightID

The Firefighter user receives the following message.

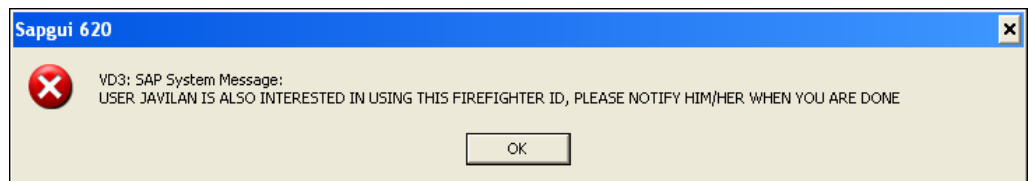


Figure 38 Message Received When a FirefightID Is In Use

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RECEIVING EMAILS

TOPICS COVERED IN THIS CHAPTER

[Receiving Firefighter Emails](#)

Receiving Firefighter Emails

There are two emails generated by Firefighter. One email is sent to Controllers notifying them if a FirefightID is being used to login. The other email is also sent to a FirefightID Controller whenever the background job /VIRSA/ZVFATBAK is run. See section [“Scheduling Firefighter Background Job for Logging” on page 22 in Chapter 3, “Initial Configuration”](#) for more information. The email contains a text file version of the Log report as an attachment.



Note In order to receive emails a Controller’s **Usage Flag Information** field in the Controllers table must be set to [email] and the Configuration table parameter **Send FirefightID Login Notification** parameter must be set to [yes].

The login notification email looks like this.

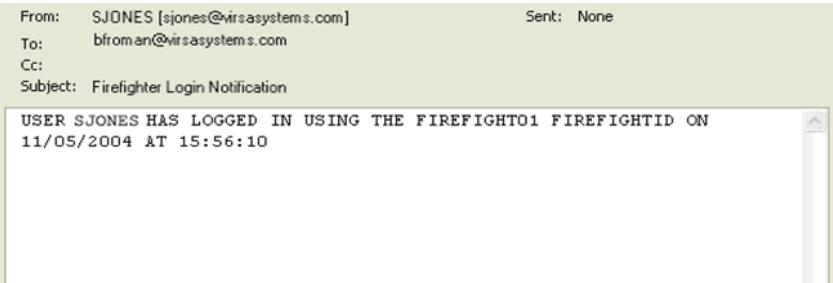


Figure 39 FirefightID Login Notification Email

The email sent with the Log report attachment looks like this.

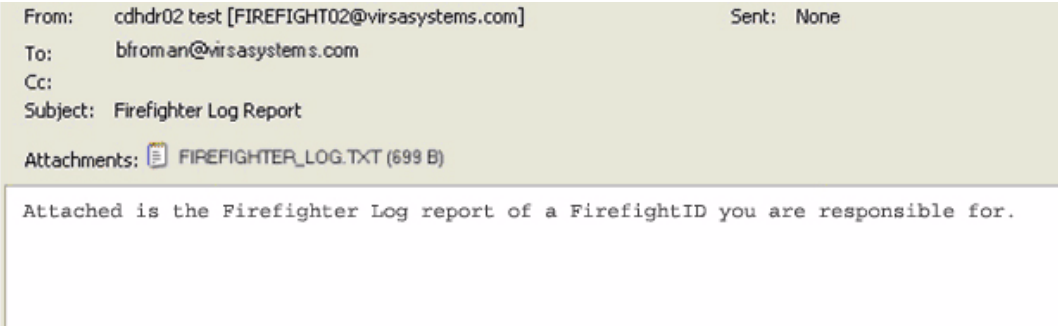


Figure 40 Email with Log Report Attachment Sent After Background Job Has Executed



RFC DEFAULT SETTINGS

TOPICS COVERED IN THIS APPENDIX

[RFC Default Settings](#)

RFC Default Settings

The following screenshot displays the default settings for creating the Remote Function Call. The RFC can have any name. Once you create the RFC use the Firefighter Configuration table to specify the RFC to be used by Firefighter. See section [“Firefighter Configuration Table” on page 30](#) in Chapter 4, “Table Administration” for more information.

RFC Destination fflon

Remote logonTest connection

RFC destinationfflonARFC

Technical settings

Connection type3R/3 connectionTrace

Load distrib.

YesNo

Target hostSystem number

Save as

HostNameIP address

Security Options

Trusted system

YesNo

SNC

ActivInactiv

Description

RFC Destination for Firefighter

Logon

Language

Client

User

Password*****is still blank

Current user

Unencrypted password (2.0)

Attributes

Created byRCHUNDURU06/17/2004

Last changed byRCHUNDURU11/23/2004

Figure 41 Remote Function Call Settings

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B

DEFAULT ROLE SETTINGS

TOPICS COVERED IN THIS APPENDIX

- [Default Firefighter Role Settings](#)
- [Administrator Role Settings](#)
- [Owner/Controller Role Settings](#)
- [Firefighter Role Settings](#)

Default Firefighter Role Settings

Firefighter comes with three pre-configured user roles. See section [“Firefighter Users” on page 13](#) in [Chapter 1, “Overview”](#) and section [“Upload Role Definitions for Firefighter Users” on page 23](#) in [Chapter 3, “Initial Configuration”](#) for more information about Firefighter roles.

Administrator Role Settings

The following are screenshots displaying authorizations and the additions to a user’s SAP Easy Access menu when the Administrator role is added to their userID.

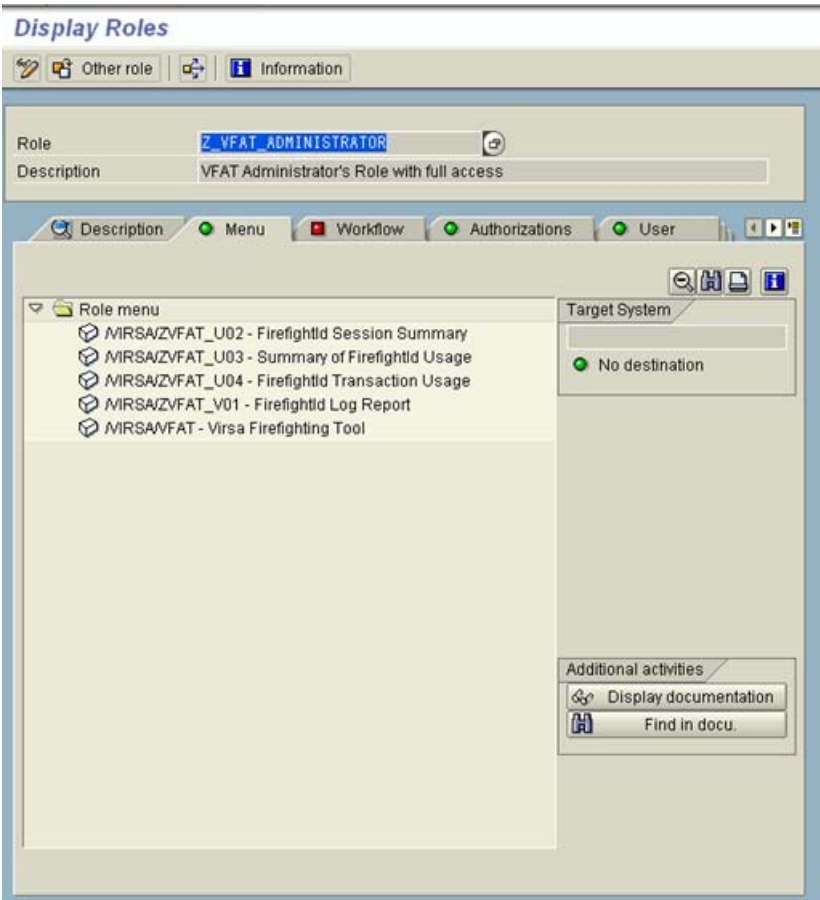


Figure 42 Administrator SAP Easy Access Menu Settings

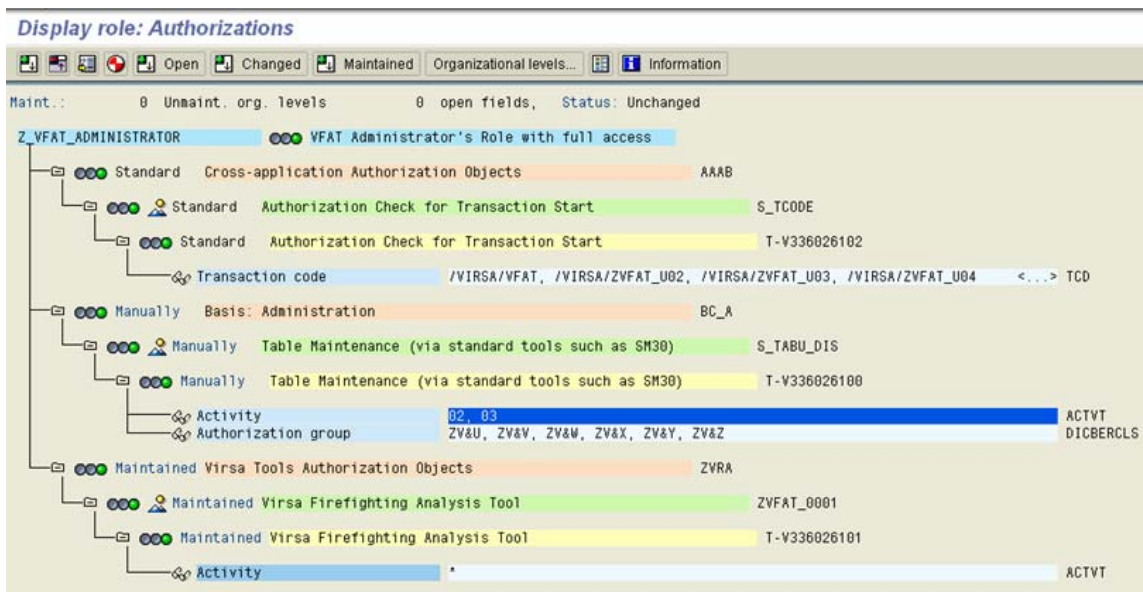


Figure 43 Administrator Authorizations

Owner/Controller Role Settings

The following are screenshots displaying authorizations and the additions to a user's SAP Easy Access menu when the Owner role is added to their userID.

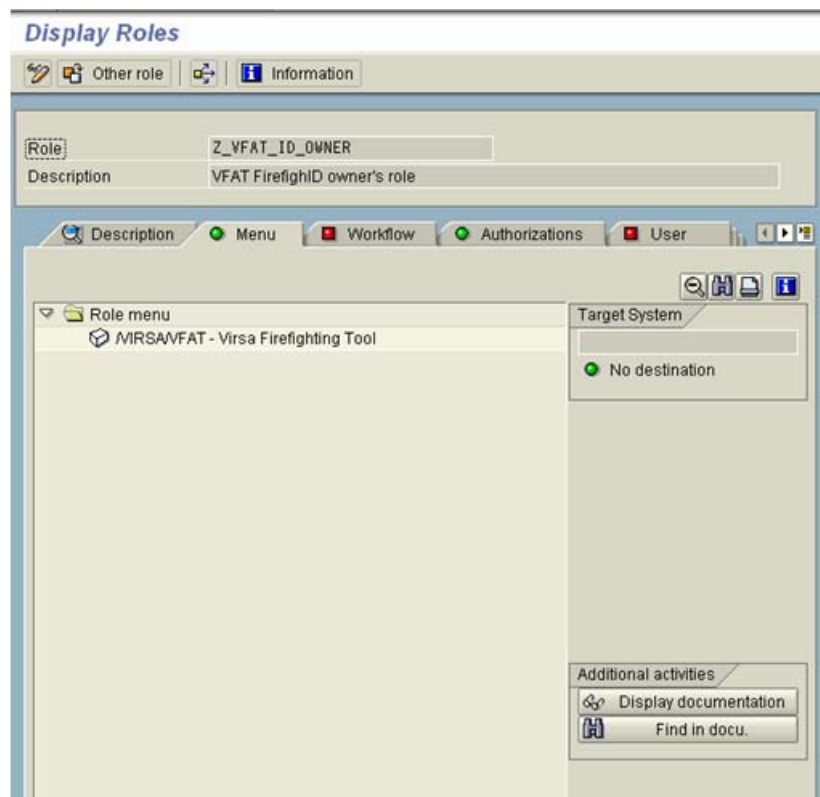


Figure 44 Owner/Controller SAP Easy Access Menu Settings

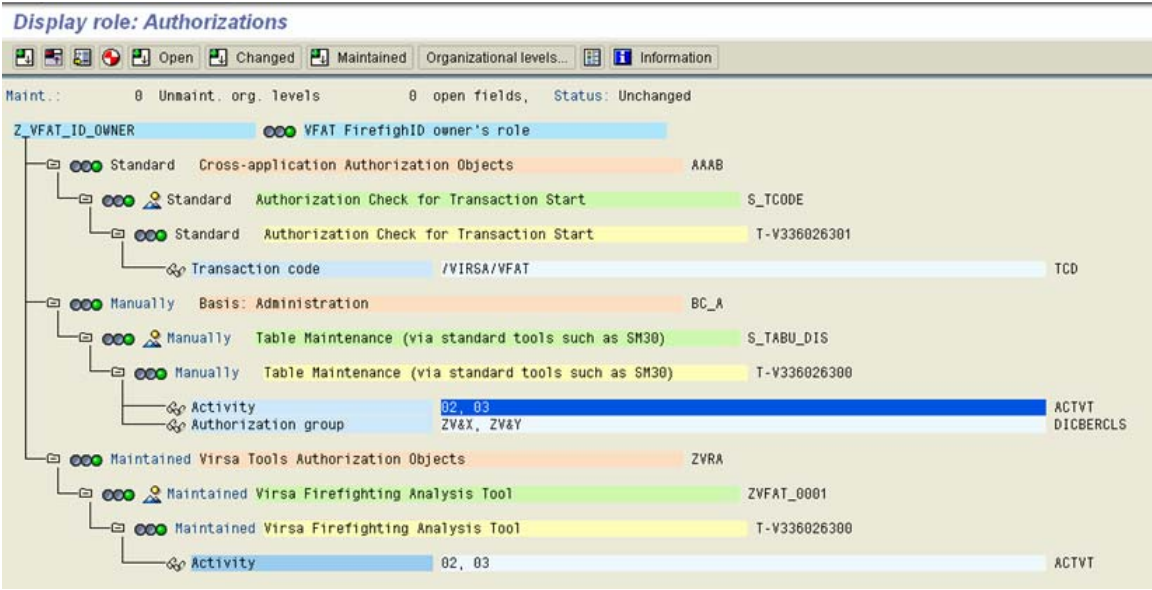


Figure 45 Owner/Controller Authorizations

Firefighter Role Settings

The following are screenshots displaying authorizations and the additions to a user’s SAP Easy Access menu when the Firefighter role is added to their userID.

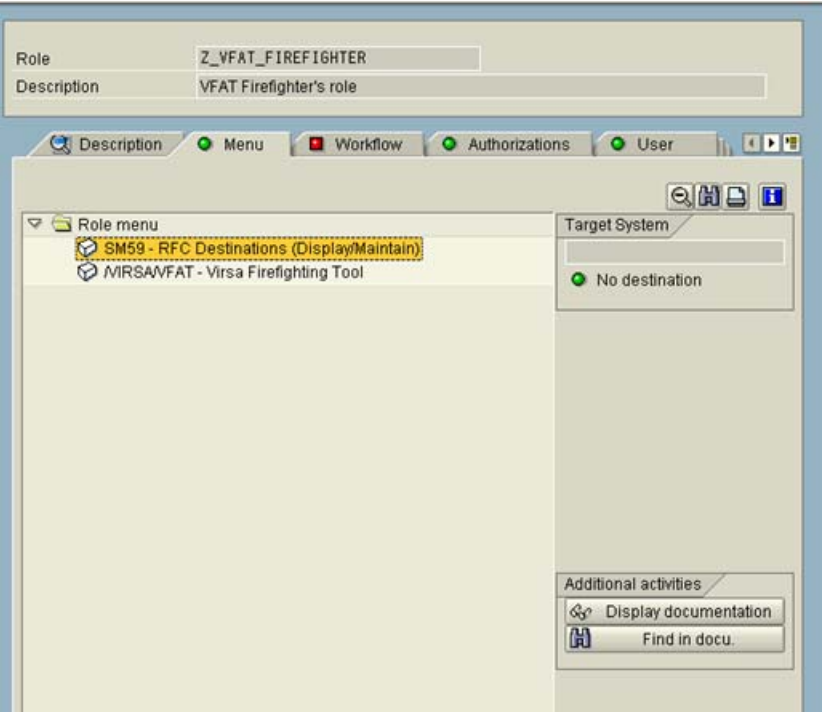


Figure 46 Firefighter Role SAP Easy Access Settings

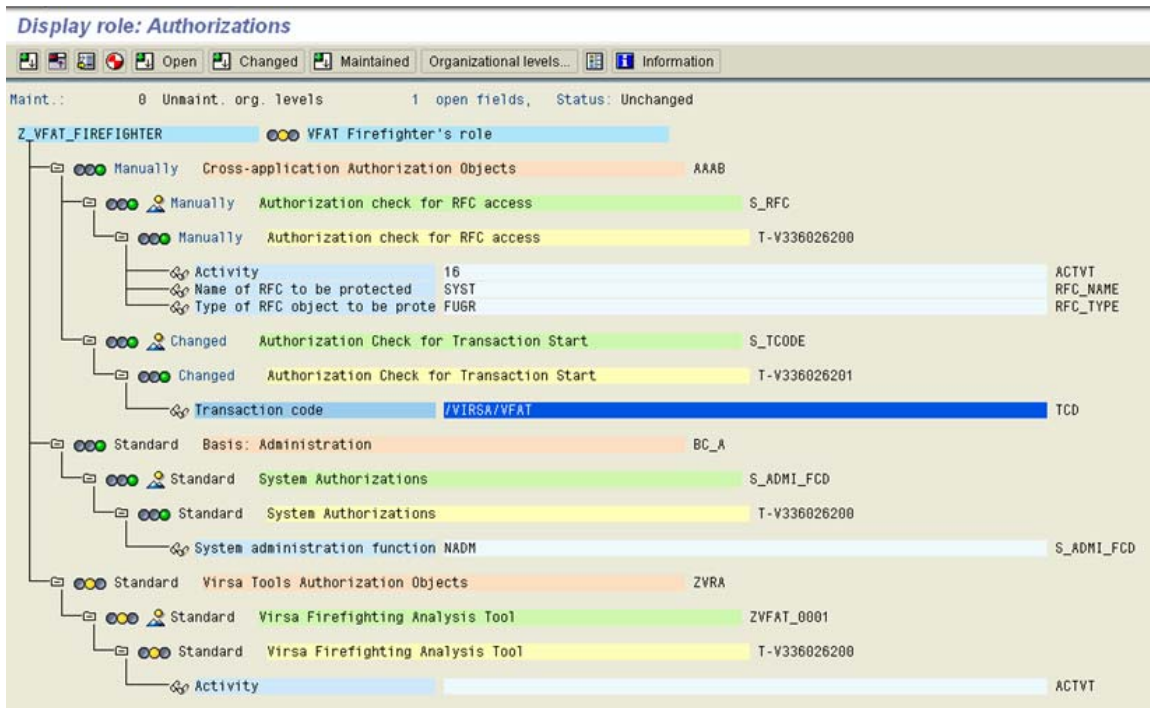


Figure 47 Firefighter Role Authorizations

C

DEFINING THE BACKGROUND JOB

TOPICS COVERED IN THIS CHAPTER

[Defining the Background Job](#)

Defining the Background Job

- To define the background job needed to generate Firefighter reports:

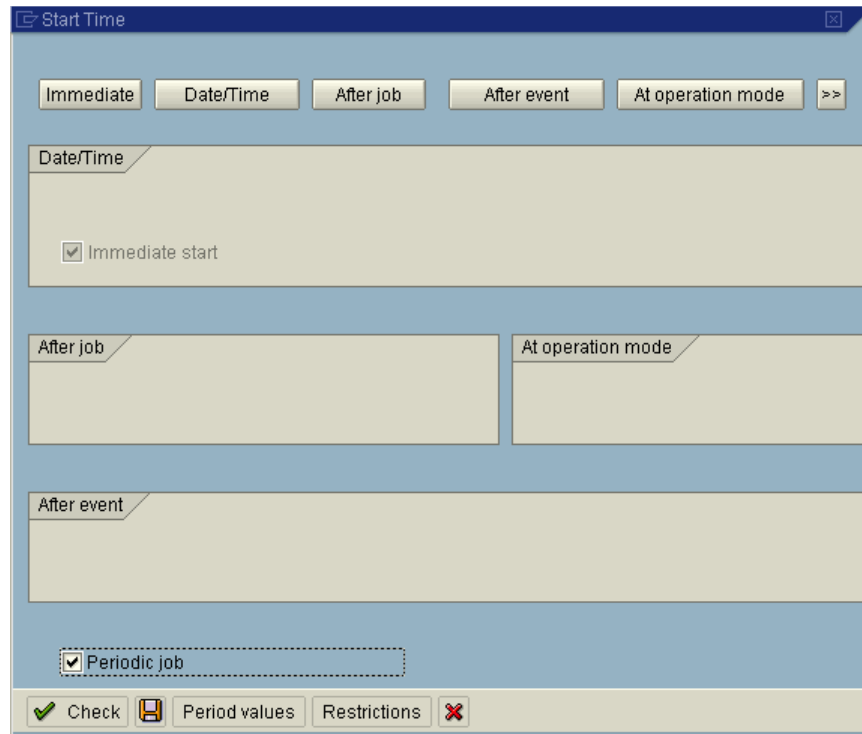
Define Background Job

The screenshot shows the 'Define Background Job' (SM36) transaction in SAP. The top toolbar includes buttons for 'Start condition', 'Step', 'Job overview', 'Own jobs', 'Job wizard', and 'Standard jobs'. The main area is divided into sections: 'General data' with fields for 'Job name' (containing '/VIRSA/ZVFATBAK'), 'Job class' (containing 'A'), 'Status' (set to 'Scheduled'), and 'Target server' (with a selection icon); a 'Spool list recipient' button; 'Job start' and 'Job frequency' sections (both empty); and a 'Job steps' section (empty).

Figure 48 Define Background Job

- 1 Run transaction **SM36**.
- 2 Enter a **Job name**. The name used in this user guide is /VIRSA/ZVFATBAK.
- 3 Enter a **Job class**. Virsa Systems recommends using the highest priority.
- 4 Specify a **Target server** (optional).

- 5 Click **Start Condition**. The following screen appears.



The screenshot shows a 'Start Time' dialog box with the following elements:

- Buttons: Immediate, Date/Time, After job, After event, At operation mode, and a double arrow button.
- Tab: Date/Time (selected).
- Checkbox: ☒ Immediate start.
- Input fields: Empty text boxes for After job, At operation mode, and After event.
- Checkbox: ☒ Periodic job (highlighted with a dashed box).
- Bottom toolbar: Check (green checkmark), Save (floppy disk), Period values, Restrictions, and Cancel (red X).

- 6 Click **Immediate**.
- 7 Check **Periodic job**.
- 8 Click **Period values** and specify a time interval. Virsa Systems recommends running the background job hourly.

- 9 Click **Save**. The following screen appears.

Define Background Job

Start condition Step Job overview Own jobs Job wizard Standard j

General data

Job name /VIRSA/ZVFATBAK

Job class A

Status Scheduled

Target server Spool list recipient

Job start

Immediately

Job frequency

Hourly

Job steps

- 10 Click **Step**. The following screen appears.

Create Step 0

User PWINKLER

Program values

ABAP program External command External program

ABAP program

Name /VIRSA/ZVFATBAK

Variant

Language EN

External command (command pre-defined by system administrator)

Name

Parameters

Operating sys.

Target server

External program (direct command input by system administrator)

Name

Parameter

Target host

Check Print specifications

- 11 Click **ABAP program**.
- 12 Enter the same name in the **Name** field you used when creating the **Job name**.
- 13 Enter a **Variant** (optional).
- 14 Click **Save**. The following screen appears.

Define Background Job

Start condition Step Job overview Own jobs Job wizard Standard j

General data

Job name /VIRSA/ZVFATBAK

Job class A

Status Scheduled

Target server

Job start

Immediately

Job frequency

Hourly

Job steps

0000000001 -Steps successfully defined

- 15 Click **Save** to save the background job.

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