



**SUGARCRM**<sup>TM</sup>  
COMMERCIAL OPEN SOURCE

# Sugar Community Edition Release Notes Version 5.1 RC

*Sugar Community Edition Release Notes*  
Version 5.1 RC, 2008

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# Introduction

This document describes the requirements, new features, enhancements, and known limitations in Sugar Community Edition 5.1 RC. In addition, bugs reported by customers, partners, and other external sources are also listed. A full list of fixed bugs in this release is available in the SugarCRM Bug Portal which is accessible through <http://bugs.sugarcrm.com>.

Please continue providing feedback on this release as we continue to develop Sugar functionality for the upcoming releases. We will continue to work to incorporate your feedback into the development process. The SugarCRM Development Team is closely monitoring your feedback and is making every effort to fold it into upcoming releases.

For more information on a bug or to provide feedback, use the SugarCRM Bug Portal. Use “5.1.0-RC” to designate new bugs found in this release. You can also update existing bugs with additional information. Check the Bug Portal for known issues prior to submitting bugs.

Topics include:

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You can upgrade from Sugar versions 4.5.1x and 5.0x to 5.1 RC. You can also upgrade from 5.1 RC to 5.1 GA.

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**Note:** Sugar does not support upgrading from 5.1 Beta 1.

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## Requirements for 5.1

- Requirements to upgrade to Sugar 5.1 are as follows:
  - PHP: version 5.1.x and 5.2.x
  - Operating systems: Windows, Linux
- Increase the value of the `memory_limit` parameter in the *php.ini* file as follows:
  - MySQL Server: 40M or higher
  - MS SQL Server: 40M or higher
- If you are upgrading from Sugar 4.5.1 to Sugar 5.1, do the following:
  - a. In the Advanced section of the System Settings page of your current Sugar installation, modify and save the value of Maximum upload size to 21000000 (20MB).
  - b. Navigate to the *php.ini* file on your Web Server and configure the parameters listed below as follows:
    - Set `post_max_size` to more than 20MB.
    - Set `upload_max_filesize` settings to more than 20MB.
    - Set `max_input_time` to a large number.Restart the Web Server and then begin the upgrade process.
- To install Sugar 5.1 successfully, ensure that the MB String module is installed in your PHP libraries.

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- If you are using MySQL, you must install version 4.1.2 or higher to use with Sugar 5.1.
  - For Microsoft Exchange, Sugar supports only versions 2000 and higher.
  - The process of upgrading to 5.1 can take up to an hour. If you are using the IIS Web server, you need to ensure that the CGI application does not time out. To do this, on IIS, set the CGI script timeout to more than 300 seconds, which is the default value.
  - In order to better support multi-byte character storage with Microsoft SQL Server, You can configure Sugar to use FreeTDS driver. For more information, see *Installation Prerequisites and Guidelines* in the Installation Guide. The supporting files are in a zip file, *sugarcrm-MB-mssql.zip* at [http://www.sugarforge.org/frs/?group\\_id=6](http://www.sugarforge.org/frs/?group_id=6).

## New and Enhanced Features

Sugar 5.1 offers several new and enhanced features, which are listed below. For information on obtaining training to learn about these features, visit Sugar University at <http://www.sugarcrm.com/crm/university>.

### Enhanced Import Functionality

You can now import data for the Bug Tracker. Also, you can enable the import functionality for any custom module that you build in Module Builder. You can use Import Settings to specify the date format, character set, and so on. You can save field mappings between the import file and the Sugar database for future use.

### Enhanced Emails Functionality

With the IMAP protocol, you can subscribe to specific folders on your external account.

### Building Relationships Between Modules

You can create one-to-one, one-to-many, and many-to-many relationships between modules in Module Builder and in Studio. In Module Builder, you can create relationships between two undeployed modules, and between a undeployed module and a deployed module. In Studio, you can create relationships only between deployed modules.

### Embedding Links and IFrames in Layouts

You can use a Link field to store a URL in a record such as a customer's Website or a link to a related internal or external system. You can also embed a view of the Website itself in the layout rather than as a link with an IFrame field.

## Locking Down the Upgrade Wizard

If you are managing multiple instances of the Sugar application and you want to maintain complete control over the instances, you can lock down the Upgrade Wizard to ensure that no user with administrative privileges can upgrade any of them.

## Locking Down the Module Loader

In order to ensure that users with administrative privileges do not load sub-standard modules into your Sugar application, you can lock down the Module Loader and direct them to load modules from a location of your choice.

## Changes in 5.1 RC

- Setting default permissions for Sugar files on Linux has been further divided into directory mode and file mode to provide administrators with more control when granting permissions to users. For example, setting Read, Write, and Execute permissions for the Apache user and the Apache group on Centos operating system is as follows:

```
'default_permissions' => array (  
  'dir_mode' => 02770,  
  'file_mode' => 0660,  
  'chown' => 'apache',  
  'chgrp' => 'apache',  
),
```

For `dir_mode`, you may see a value of 1528, which is the decimal equivalent of the octal value 02770. For `file_mode` you may see a value of 432 which is the decimal equivalent of octal value 0660.

- Various other changes were made to the functionality and to the user interface between 5.1 Beta 1 and 5.1 RC. Most of these changes were made to Reports, Module Builder, and Tracker modules. Hence, the functionality and the look of these modules may differ from the 5.1 Beta 1 documentation. Please take this into consideration when reviewing the RC release.

## Compatibility Matrix

SUGAR BUILDING BLOCKS	SUPPORTED VERSIONS	COMMENTS
<b>PLATFORMS</b>		Sugar runs on any OS that runs PHP
• Linux	Red Hat 4.x, 5.x (Advanced Server, Enterprise Server) CentOS 4.x, 5.x	
• Windows	XP, 2003, Vista	
• Mac	OS X	
<b>PHP</b>		
PHP (MYSQL, SQL Server)	5.1x, 5.2.x	
<b>DATABASES</b>		
• MYSQL	4.1.2.x, 5.0.x, 5.1.x	
• MS SQL Server	2005	
<b>WEB SERVERS</b>		
• Apache	1.3.x, 2.0.x, 2.2.x	Supports any version that runs PHP
• IIS	5.1, 6.0, 7.0	Supports any version that runs PHP
<b>SUGAR PLUG-INS</b>		
• Sugar Plug-In for Microsoft Outlook	Outlook 2003, 2007	
• Sugar Plug-In for Thunderbird	Thunderbird 1.5, 2.0	
• Sugar Plug-in for Microsoft Word	Office 2003, 2007, XP	
• Client (Browser)	Latest Mozilla, Firefox, IE 6.0, IE 7.0	
<b>MULTIMEDIA</b>		
• Adobe Flash	7 and above	
<b>Recommended Stacks</b>		
<b>Linux Stack</b>		
• PHP version	5.2.5	
• Apache	2.0.59, 2.2.3	
• RedHat Enterprise	Workstation 4	
<b>Preferred Databases</b>		
MySQL	5.0.41	
SQL Server	2005	
<b>Windows Stack</b>		
• Windows	2003	
• PHP version	5.2.5	
• IIS	6.0	
<b>Preferred Databases</b>		
MySQL	5.0.41	
SQL Server	2005	

## Fixed Bugs in 5.1 RC

### Bug 9158

When importing data, Sugar does not display a warning message when it ignores columns which contain values that do not match the required format in Sugar.

### Bug 18806

The `mysql_real_escape_string` is called with only one parameter. As a result, if the function cannot find the last connection made, the function issues a `mysql_connect` without a username or password, which always fails.

### Bug 18844

The record owner cannot edit the “Assigned To” field in Accounts and Contacts modules.

### Bug 19004

When you attempt to save a record after deleting a custom date field value, the system displays an error message.

### Bug 19529

You cannot leave a custom “Relate” field blank even if it is not a required field.

### Bug 20117

After upgrading from 4.5.1 to 5.0b, some fields are missing in Project Tasks.

### Bug 20381

Read-only fields are not displayed in Edit View.

### Bug 20801

When you run Sugar with SQL Server database on Linux, the system displays an error when you attempt to use the Repair Database functionality.

### Bug 21596

When using the IMAP protocol, you cannot delete Emails from the mail server unless the inbox contains a Trash folder.

### Bug 21816

An attempt to import contacts will fail if account names contain an apostrophe.

## Known Issues in 5.1 RC

### Bug 21692

An attempt to perform a search based on a “Relate” custom field type fails and a warning message displays on the screen.

### Bug 21752

Relationships with the Activities module or its sub-modules such as Tasks, Calls, and Meetings in Module Builder or Studio are not correctly created.

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**Bug 21967**

Full Text search on SugarFastStack with MS SQL Server does not work.

**Workaround:** This is a known MS SQL Server issue. This issue occurs because the indexing engine may not have the proper permissions to begin. The recommended solution, as documented on the MS SQL Server installation Read Me page and in the Microsoft forums on this topic, is to reboot the Host machine.

**Bug 22025**

On a custom installation of Sugar FastStack, when you log into Sugar using Internet Explorer, attempts to view an article in the Knowledge Base module by clicking the tag link in the Browse tab fail with a “No Privilege” error message.

**Solution:** When installing Sugar FastStack, ensure that you enter the correct external IP or hostname in the “Web Server domain” field instead of using the default value of “127.0.0.1”. If you have already installed Sugar FastStack with this default value, then change the values to the external IP or hostname in the *config.php* file.

**Bug 22743**

In Sugar 5.1 RC, when you search for records using a custom “Flex Relate” field, Sugar displays a warning message.

This issue will be fixed in the 5.1 GA release.