



# GW-CRU

## (GroupWise Common Rules Utility)

### Setup and Admin Guide

## This Guide

Welcome to GW-CRU, a utility that provides a structured method of distributing GroupWise rules. One of GroupWise's strengths is that it is "user secure". Administrators cannot make changes to users' accounts without the user logging in. This restriction means administrators cannot enforce common rules using ConsoleOne. With GW-CRU, administrators now have a tool to implement common GroupWise rules to enhance and enforce higher levels of security. This Guide includes the following information:

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## How GW-CRU Works

There are two components to GW-CRU: the CRU Utility (**CRUutil.exe**) and the CRU executable (**cru.exe**). When CRU runs, it reads a cru.ini file to determine which .dat file to reference. The CRU .dat files contain the rules to distribute. Administrators use the CRU Utility to create and modify the CRU .dat files, and manually modify the cru.ini file using an ASCII text editor like NotePad.

The **cru.zip** download file includes a cru.ini file that references a sample.dat file which contains two sample rules. When cru.exe runs, it will determine if the user is logged into GroupWise, and if not it will present an authentication window for a GroupWise authentication (the GroupWise client will remain closed). Cru.exe will then reference the DefaultDataFile to reference the cru .dat file (e.g. sample.dat) and then it will import the rules into the GroupWise account.

```
File Edit Format View Help
# Registration compliance is handled with a crureg.dat file within the same directory
# as this ini file and the program executable.

# The DefaultDataFile points to where the datafile is located. This datafile is created
# with the CRUutil executable

[Settings]
#display=disabled
CommandLineswitch=/@u-?
DefaultDataFile=sample.dat
```

GW-CRU can run in demonstration mode without a licence file. You must create and login to your GroupWise system as a user called Sampleuser. Please note that both the first name and the last name must be SAMPLEUSER. This will allow you to modify the sample.dat file and run cru.exe against that account to test your changes.

## Installing GW-CRU

### Requirements:

- A Windows 98/NT/2000 Professional or Windows XP Professional desktop, with current NetWare and GroupWise client software
- GroupWise Account (SAMPLEUSER for the trial or an account with supervisor rights for licensed use).
- GW-CRU licence file (for licensed use).

### Installation steps:

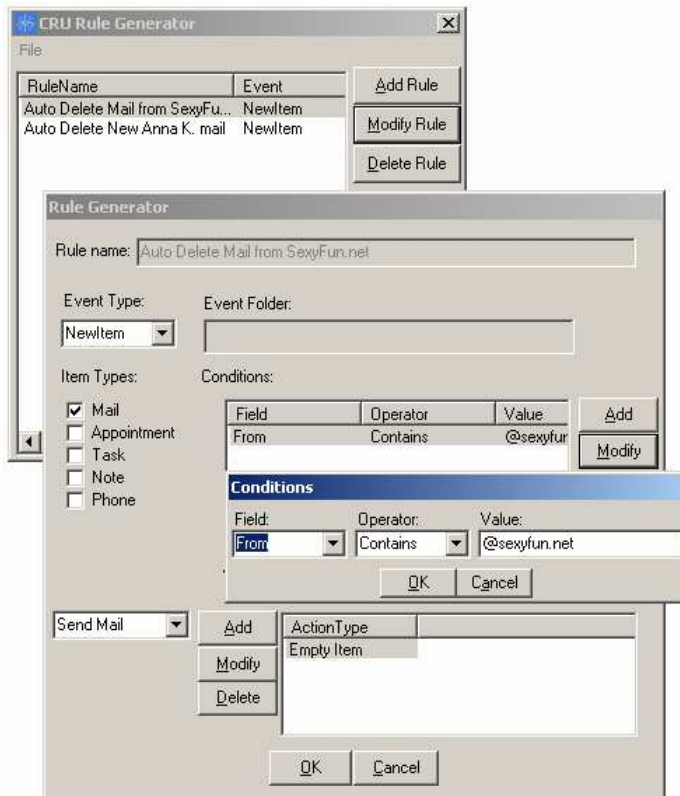
1. Download and extract the **cru.zip** file to a temporary directory on an administrator's workstation. You will see seven files: cru.exe, CRUutil.exe, gwudiag.exe, MSVBVM60.DLL, cru.ini, sample.dat and ReadmeCRU.txt.
2. For the trial, create a GroupWise user account called **sampleuser** (note that SAMPLEUSER must be both the first name and last name).
3. Copy the **crureg.dat** file into the directory that contains the cru.exe file.
4. On the administrator's Microsoft Windows computer, run **CRUutil.exe** and authenticate as either **sampleuser** or as a real user account.
5. Select **File** and **Open** to open an existing .dat file, otherwise use CRUutil to add new rules and then select **File** and **Save As** to create a new .dat file.
6. Copy the CRU files including the .ini and .dat files you created/modified to a central server location (e.g. SYS:\Public\CRU).
7. Manually test CRU against the SAMPLEUSER account before you deploy against a production environment.

## Building Common Rules

Administrators will run the CRU Utility (**CRUutil.exe**) to create the necessary .dat files for their environment. In this example we will modify the sample.dat file and save it as cru.dat, and modify the cru.ini file to use the cru.dat file:

1. Run the CRU Utility (**CRUutil.exe**) and authenticate as an applicable GroupWise user.
2. Select **File** and **Open** and select the **sample.dat** file.
3. You will see two existing rules:
  - a. **Auto Delete mail from SexyFun.net** is a rule to delete email based on the sender's email domain address. This rule will check the sender's address to see if it includes "sexyfun.net". When it receives emails from that email domain, CCU automatically deletes them and empties the trash so they can not be accidentally undeleted. You can confirm this by sending an email to yourself and changing the from line to include user@sexyfun.net.)
  - b. **Auto Delete New Anna K. mail** is a rule to delete email based on subject content. This rule is an example of a rule that is based on automatically deleting emails (and attachments) that contain particular subject content: "Here you have, ;o)".

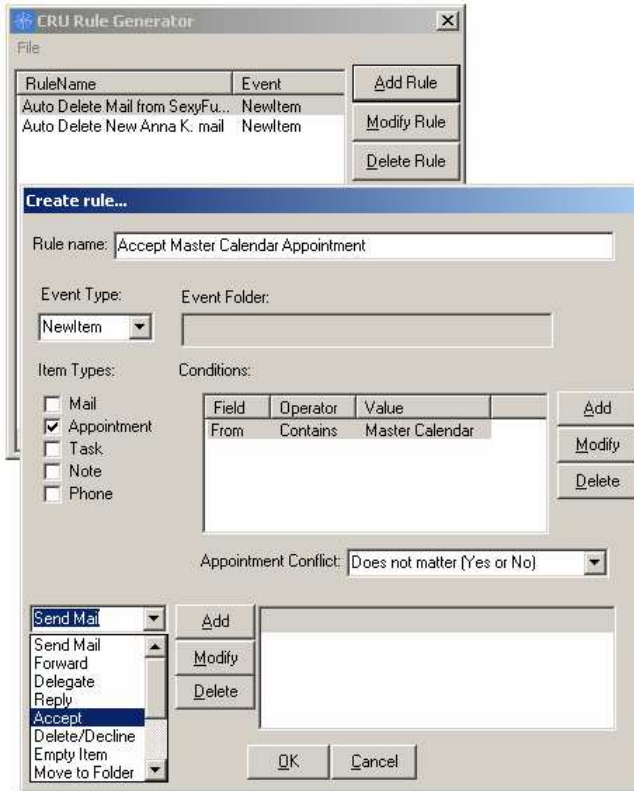
- To see how a rule is configured, highlight the rule name and click the **Modify Rule** button.



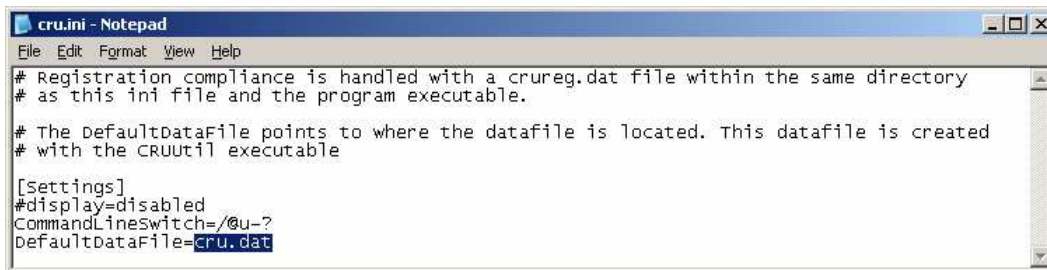
Choose the item type, conditions and add the appropriate actions that you would like applied. Click the **OK** button to save the rule into the list.

- To remove an existing rule, highlight the rule in the **RuleName** column and click the **Delete Rule** button.

- To create a new rule click **Cancel** on any open windows until you are back at the main CRU utility window. Click the **Add Rule** button, select the **NewItem** event type, and build a rule in a similar manner as you would in the GroupWise client. In this example, we build a rule to auto accept appointments from the Master Calendar account.



- Once you have finished managing rules, select **File** and **Save As** and type the name of the file (e.g. **cru.dat**).
- Modify the cru.ini file to reflect the new .dat file.



## Run GW-CRU in an Enterprise Environment

Most network administrators will use ZENworks NAL Force Run to distribute the common rules when users log into the network. Using different NAL objects with different command line options will allow administrators to distribute different rules to different users/groups based on group membership, container object membership or individual logins. CRU can also be run by running a batch file upon completion of a login script.

There are some limitations with GW-CRU:

- There are certain rule "types" that can not be distributed with CRU. "Nested" rules are not allowed.
- There is no way to remove a rule using GW-CRU once it has been installed.
- There is also no way of stopping a user from deleting a rule or from de-activating a rule after they have logged into GroupWise.

## Uninstalling GW-CRU

To remove GW-CRU delete the folder containing the **cru.exe** and related files and remove the ZEN Application objects for GW-CRU that is being forced run against users.

## Support for GW-CRU

Most problems result from either an improperly formatted input data file, or from corrupted licence files. Please record any error message that may appear and refer to the online web forum for GW-CRU before contacting Omni technical support.

### Support and Maintenance Agreements

Full email and telephone support is available Monday to Friday between 7:00 a.m. and 6:00 p.m. Mountain Time (UTC -7) for customers who have a valid support and maintenance agreement. Limited email support may be available during extended hours. Email and telephone support is also available to customers who are evaluating GW-CPU. If required, support will be provided to resellers, then customers with valid support and maintenance agreements, and finally to customers evaluating products.

You can contact support using any of the following methods (please make sure you provide as many details as possible so we can better help you):

Technical Support Email: [support@omni-ts.com](mailto:support@omni-ts.com)

License Support Email: [licensing@omni-ts.com](mailto:licensing@omni-ts.com)

Product Documentation: [www.omni-ts.com](http://www.omni-ts.com) select **Support** and click **Documentation** , choose **Messaging** and select the documentation for GW-CRU.

Product FAQ: [www.omni-ts.com](http://www.omni-ts.com) select **Products**, choose **Messaging** , select **Rules Update** and click **Frequently Asked Questions..**

Support Forum: [www.omni-ts.com/Forum](http://www.omni-ts.com/Forum) and select **GroupWise Bulk Rule Management (CRU)** forum

Phone: **1-780-423-4200**

Fax: 1-780-423-4711

### Free Help

Free support is available for customers who purchase licences without support and maintenance agreements and for customers using a freeware product distributed by Omni. Free support is limited to information available from the product documentation in .pdf format that is available for public download, online documentation, and the online web forum. Telephone and email support can be provided on a fee per incident or fee per hour basis, whichever is greater.