



Redline 2 uses a centralized Control Center with locally installed data collection agents running on each GroupWise server.

Redline supports GroupWise running on NetWare, Linux and Windows.

### System Requirements

GroupWise 5.5EP,SP5, GroupWise 6.0 or GroupWise 6.5  
 Novell Messenger 1.0 SP4  
 Redline Agent: 10MB Hard Drive Space and 2 MB free memory  
 Redline Control Center: 30 MB Hard Drive Space, 10 MB free memory. More disk space may be necessary for all of the substantial information gathered. A browser with the Macromedia Flash plug-in

**Note** - There is a bug in GroupWise 6.5 SP2 preventing correct operation of Redline. This version is specifically not supported.

### Operating Systems

Netware 5.1 SP8. Currently no LIBC updates exist for this release  
 Netware 6.0 SP5, with the latest LIBC update. For Netware 5.1 and 6.0, at publication time, this is NWLIB6C.EXE and can be found at <http://support.novell.com>  
 Netware 6.5 SP3 or Netware OES 1.0  
 SuSE Linux Enterprise 9 or Linux OES 1.0  
 Red Hat Advanced Server 4  
 Windows 2000 SP4, Windows 2003 SP1 (RLAGENT only)

### Component integrations

GWAVA 3.10 or higher  
 Guinevere 3 or higher  
 Toffa SyncWise 2005

## Redline 2 Installation Overview

### Netware Installation via Windows Desktop

Use this if you have GroupWise running primarily on NetWare and want to install via a centralized Windows desktop.

Unzip the Redline download package, and open the NetWare folder and run the setup application.

### Linux Installation

Use this if you have GroupWise running on Linux or want to install a Linux agent. Currently the Linux RLAGENT and RLCENTER must be installed manually.

Unzip the Redline package on your Linux desktop.

Open the linux.kernel26 folder: In the Redline folder within is a redline.tar.gz (tarball). Extract it.

There are three subdirectories:

### Windows Installation (Agent Only)

Use this if you have a GroupWise agent running Windows.

Note that only RLAGENT is provided for the Windows platform - you must run RLCENTER on a NetWare or Linux server.

Use the Windows-based installer to install Redline.

Unzip the Redline package onto your Windows desktop. Open the Windows folder, and double-click SETUP.EXE. Click through the installation process by using the next button.

**etc/init.d** .....the scripts rlcenter and rlagent can be copied to the corresponding /etc/init.d on your server. Also create the appropriate symbolic links in the run level directories for Redline to autostart.

**/lib** ..... copy this library to /lib on the server

**/opt/beginfinite** .... copy this folder and its contents to /opt/beginfinite on the server.

Back up your CONF files if installing over a previous install, and then restore them.

Create a symbolic link by typing: In -s /lib/libredline.so.2.0.0 /lib/libredline.so.2

Then run ldconfig to register the shared object library.

After installing the program files, see the Post Installation Tasks section of the documentation before running RLCENTER or RLAGENT.

### Configuration

The Redline Agent gets information from GroupWise through the web servers of each component. These components must be configured to allow Redline access to them. It is recommended to do this through ConsoleOne.

### ConsoleOne

**Activate** the web console for each agent: address, port (ssl disabled), username and password

**Enable** verbose logging for each agent  
**Wait** one minute for the GroupWise configuration to propagate.

**Test** with a web browser by typing: <http://ipaddress:httpsPort>

**For example:** if the MTA were running on a server with an IP address of 192.168.2.3, and an HTTP port of 7180, <http://192.168.2.3:7180>

**Configure the Redline Agent**  
 The RLAGENT configuration file needs this information for each component that must be monitored.

**ServerName** - File Server Name

**NOS** - Windows, Linux, Netware

**Agent Type** - MTA, POA, GWIA, WebAccess, Messenger, Messenger Archive, API Gateway.

**HTTPOrAddress** - IP Address

**HTTPOrPort** - TCP Port of agent's HTTP server

**HTTPOrUsername** - Username for accessing agent's HTTP server

**HTTPOrPassword** - Password for accessing agent's HTTP server

**Logging** - Turned Logging on, set to Verbose. Enter Yes or No

**Message Logging** - Yes or No, valid only for MTA

**GWCHECK** - Yes or No, valid only for POA