rmLicIRF

Version 1.0.8
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Introduction

rmLicIRF is a NetWare NLM utility that allows you to remove the IRF (Inherited Rights Filter) that is placed on license (NLS) objects in the NDS tree. This prevents the license objects from being backed up, thus causing many backup software, such as ARCserve and BackupExec, to report an incomplete backup of NDS.

rmLicIRF works with eDirectory/NDS8 (NetWare 5 and 6) as well as NDS6 (NetWare 4.11+) and NDS7 (NetWare 5)

What's New

v1.0.7 adds some meaningful error messages instead of just displaying an (NDS) error code.

Notes

1. The starting container name can be given in fully distinguished name or typeless name. You do not need to specify the leading period to indicate absolute path. For example,

   OU=org_unit_name.O=org_name
   org_unit_name.org_name
   .org_unit_name.org_name

are considered to be the same.

2. A free connection slot is needed on the server for the utility to load.

3. rmLicIRF has been successfully tested with the latest DS.NLM on NetWare 4.1x and higher.

4. There must be a valid license (even if a 2-user) installed on the server for the NLM to load correctly.

5. Since the utility is released as a freeware, bug fixes/enhancements *etc*. may be given a lower priority when compared with our other products.

Installation

No special installation steps or program need to be used. Simply copy the RMLICIRF.NLM file to [any directory on] the server.

Module Requirements

- On NetWare 4.10, you need to have at minimum Service Pack 3 and CLIB updates installed as modular CLIB NLMs are required. Check the Min. Patch List at http://support.novell.com/search/ff_index.htm for the list of latest NetWare 4.10 files.

Usage

If RMLICIRF.NLM is loaded without any parameters, it assumes the starting context is [Root]. You can load rmLicIRF with the following command-line parameter to specify a different starting context:

> LOAD [path:]RMLICIRF *org_unit_name.org_name*

The subtree will always be searched.

If you have a large tree which spans a WAN, you may want to specify a start search context to speed things up. The NLM will search for all NLS:License Certificate class objects (whose names are generally of the form SN:*xxxxxx*) and prompts you, one at a time, if you wish to remove the IRF from the object. You can choose to remove the IRF from all license objects without further prompting by choosing "A" (All). If there are many license objects in the tree, the first 'search' may not show them all, but the NLM will loop again automatically to find the next batch, until no more is found. *The NLM needs to be run on servers holding a writeable replica that contains the license objects*. This means, you may need to load it on different servers in order to get all of them fixed. However, if you have "DS Master" servers, running the NLM on them are the easiest.

Configuration

n/a

Registration

The rmLicRIF NLM utility is released as freeware (but *not* public domain).

Note that as the utility is released as a freeware, bug fixes/enhancements *etc.* may be given a lower priority when compared with our other products.

Other Information

rmLicIRF is written in C using WatCOM C 32-bit optimizing compiler and Novell Developer Kit. No undocumented APIs are used.

Inclusion of this utility on CD-ROMs (except for backup purposes) without permission from DreamLAN Network Consulting Ltd. is expressly prohibited.

Revision History

- Feb 15, 2002. Version 1.0.5, first released code.
- Feb 17, 2002. Version 1.0.6, added disclaimer screen.
- Feb 19, 2002. Version 1.0.7, added some error messages instead of just displaying an error code.
- Mar 12, 2002. Version 1.0.8, minor display information fix.