

Introduction to Novell & Linux Management Utilities

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Tools everywhere and not a toolbox in sight

A Compendium of Management Utilities

- iManager™ - Linux and NetWare®
- YAST (Yet Another System Tool) - Linux
- ConsoleOne - NetWare (unofficially supported on Linux)
- BASH (Bourne Again sHell) - NetWare and Linux
- NetWare Remote Manager - NRM - NetWare
- Server Health Monitor (CIM) - Linux and NetWare
- NWAdmin - NetWare
- ZENworks® Linux Management Update Manager (formerly Red Carpet) - Linux
- Zenworks - NetWare and Windows

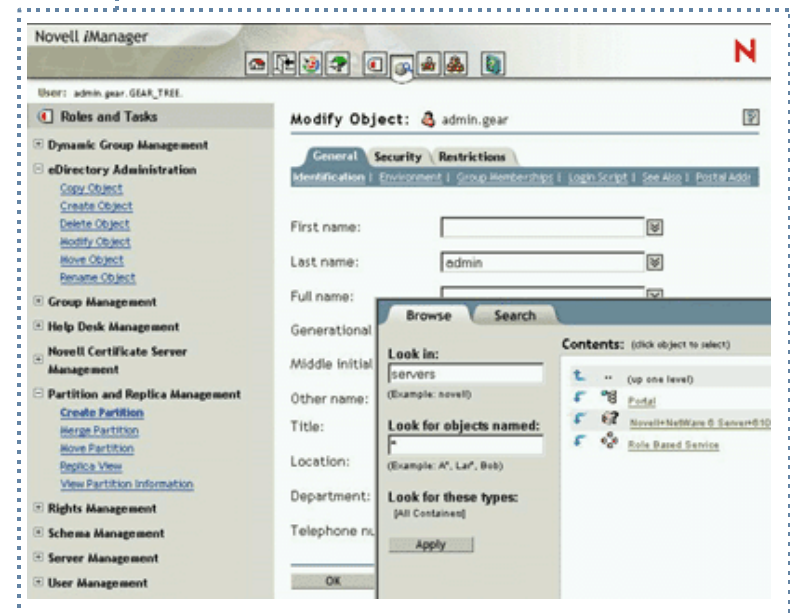


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iManager, Browser-based Management

Novell® iManager is a Web-based administration console that provides secure, customized access to network administration utilities and content from virtually anywhere you have access to the Internet and a Web browser.

- Single point of administration for Novell eDirectory™ objects, schema, partitions and replicas
- Single point of administration for many other network resources
- Role-Based Services (RBS) for delegated administration

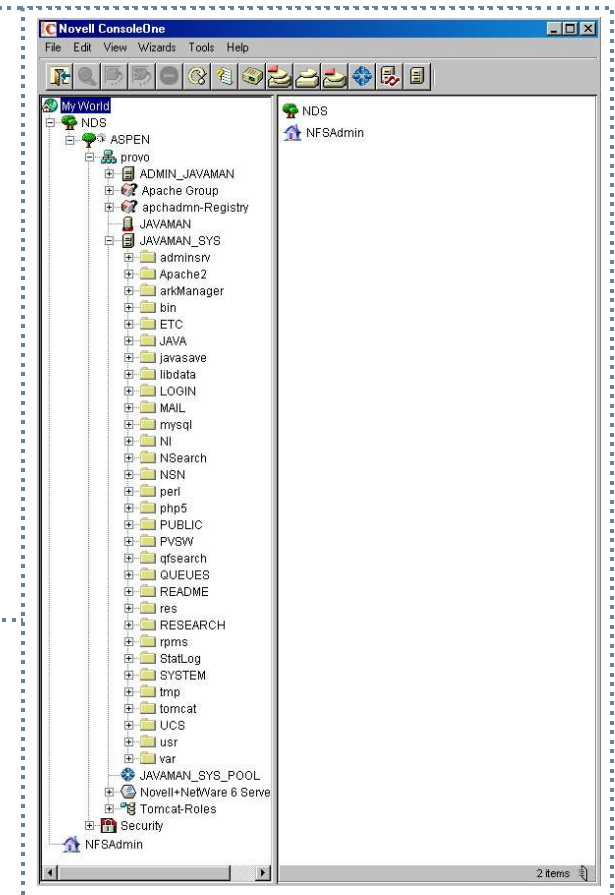


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ConsoleOne - rich client interface

Use on a Windows computer or a NetWare server

- Because ConsoleOne is Java-based, it can run on Windows, NetWare, Linux*, Solaris, and Tru64 UNIX.
- If your tree is running NDS 8 and has containers with thousands of objects, browsing it in ConsoleOne is faster and more consistent. NWAdmin is slower opening large containers.

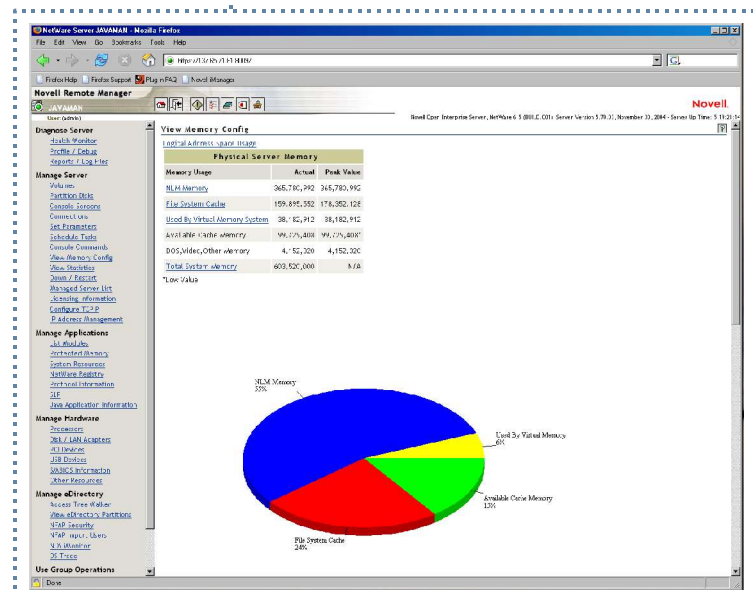


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Novell Remote Manager - Web client

Novell® Remote Manager for NetWare® is a browser-based utility that you can use to manage one or more NetWare servers.

- It accesses information much more quickly than other remote management tools.
- It is installed by default on all NetWare servers and requires no special configuration for most operations.
- It provides a graphical interface that makes interpreting diagnostic information much more comprehensible and easier to manage.
- It provides added functionality that is not available in the other management utilities.



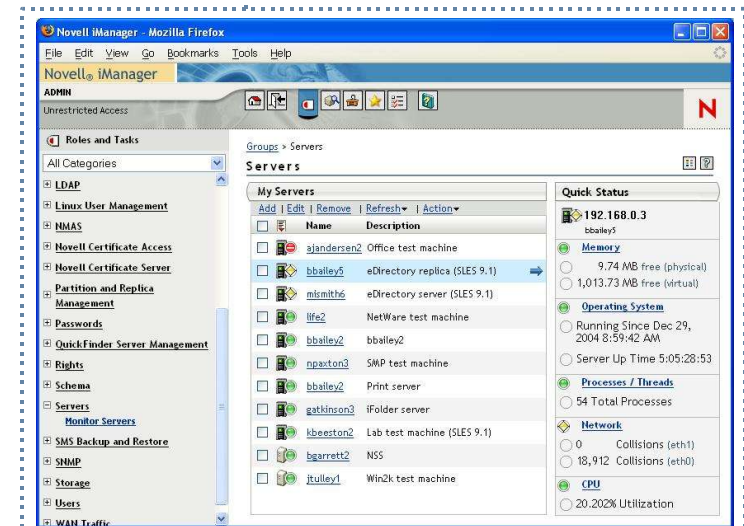
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Server Health Monitor - web client

Health Monitoring Services is a framework provided in OES that lets you monitor the health of Linux or NetWare servers using the Common Information Model (CIM).

CIM is a function of OpenWBEM a set of management and Internet standard technologies developed to unify the management of enterprise computing environments.

- Health Monitoring Services provides a plug-in for iManager that you can use to monitor the health of Linux or NetWare servers.
- In future releases, you will be able to configure thresholds and system alerts. Analysis and action recommendations will be made by a policy engine.

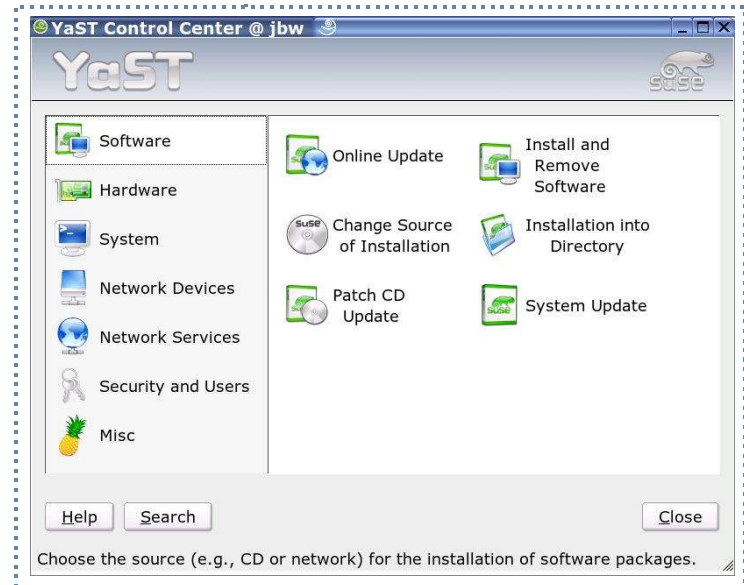


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YAST - Rich Client Interface SuSE Linux

(YAST)Yet another System Tool

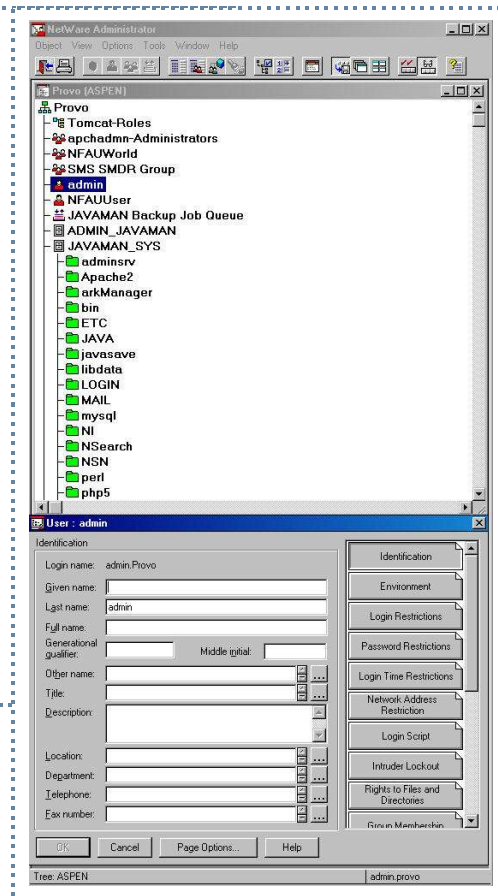
- When you start YaST in the graphical mode, the YaST Control Center, opens. The left frame features the categories Software, Hardware, Network Devices, Network Services, Security & Users, System, and Miscellaneous.
- If you click the icon for one of these, its contents are listed on the right-hand side. Then select the desired element.
- For example, if you select Hardware and click Sound to the right, a configuration dialog opens for the sound card. The configuration of the individual items usually comprises several steps.



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NWAdmin - Rich Client Interface

NWAdmin





Red Carpet - RPM Patch Update Client

ZENworks® Linux Management Update Manager

- (formerly Red Carpet)





BASH - Bourne Again sHell

Creating Mount Points to Access NetWare Volumes

By default, the BASH shell has access only to the sys volume, which is mapped as root (/) in BASH. To access additional volumes, or to create mount points for other folders, modify `sys:/etc/PATH`, placing each mount point and volume on a line similar to the following:

[mount point] [volume]



For example:

```
/vols/data data:\  
/mystuff data:\users\username
```

The first example mounts the data volume to `/vols/data` in BASH, the second example mounts the `users\username` folder to `/mystuff` in BASH.

Questions

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