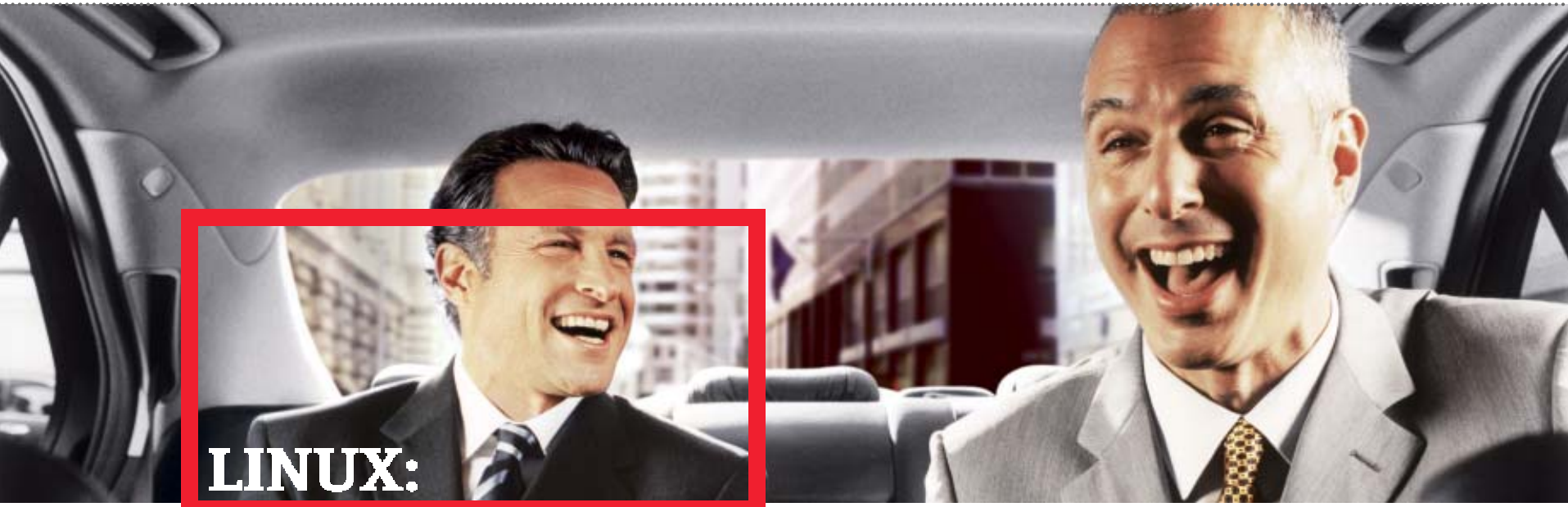
Novell Nterprise Linux Services

Dan Lawyer
dclawyer@novell.com

Product Line Manager

Novell



LINUX:

Operating system that
can now give you the same
buzz it gives IT.

Novell.

The one Net vision

Novell exteNd | Novell Nsure | Novell Nterprise | Novell Ngage

one Net: *Information without boundaries…where the right people are connected with the right information at the right time to make the right decisions.*

Novell

The one Net vision

Novell exteNd | Novell Nsure | Novell Nterprise | Novell Ngage

Novell Nterprise™

The best foundation for your mixed environment. Novell Nterprise is an innovative family of products which give you the power to enable and manage the constant interaction of people with your business systems— regardless of who they are, where they are or what time of day it happens to be.

Novell

Nterprise Linux Services Overview

Novell Nterprise Linux Services is a suite of enterprise-ready software which allows organizations that are embracing Linux as an OS strategy to economically replace Windows servers and extend traditionally 'NetWare' services to the Linux platform without losing functionality.

Which Linux Distribution?

Two primary options at this time:

- SuSE
- RedHat

First release of Novell Nterprise Linux Services will be certified on SuSE Linux Enterprise Server and RedHat Enterprise Linux

- Novell will *support* the Novell services on both distributions.

All subsequent Novell products/solutions will be certified and *supported* on market leading Linux Distributions

Product Definition Novell Nterprise Linux Services

A suite of enterprise-ready services for the Linux early adopter.

Identity Services	**eDirectory w/DirXML**	eDirectory and DirXML with connectors to eDirectory, NT Domains, and Active Directory. Web address book w/search and self-administration.
File Services	**iFolder**	Personal file management – anywhere, anytime access; automatically synchronize files between your PCs; backup your data; internet security.
Print Services	**iPrint**	Support IPP standards-based printing for Windows, Mac and Linux clients. Using web-based maps, users can quickly find and install printers.
Messaging Services	**NetMail**	Standards-based messaging and calendaring supporting 50,000 users per server. Web and Win32 client included.
Web Experience	**exteNd**	Director Standard Edition – Unified web access experience with gadgets to all Nterprise Linux Services. Use Tomcat and a Java Virtual Machine. Include exteNd and MySQL for ISVs.
Management Services	**ZENworks**	Software package distribution (Red Hat Package Manager or RPM) via the Tiered Electronic Distribution (TED) functionality of ZENworks for Servers.
Install Services	**RPM**	Server-based install with Express and Custom options. Express installs all services on a single server. Custom supports distributed environment deployments. Text based and fully scriptable.
Administration Services	**iManager**	Browser-based single point of administration for all Novell Nterprise Linux Services.

Novell.

Identity Services

Business Challenge: How can I manage user access and rights to network resources across network, platform and application boundaries?

Solution: 'Identity Services' is a complete Identity and authentication infrastructure for your end-users, business partners and customers.

Features

- Novell eDirectory
- Novell eGuide
- Novell DirXML with connectors for:
  - eDirectory
  - Active Directory
  - Windows NT Domains
- Password synchronization
- PAM redirection

Novell.

File Services

Business Challenge: How do I ensure that the personal files of my users are backed up and securely available to them from anywhere at any time, day or night?

Solution: 'File services' automatically secures and protects your files allowing anytime, anywhere access

Features

- Novell iFolder
  - iFolder Server
  - iFolder Client
- Standards Support:
  - NFS
  - CIFS
  - SAMBA
  - Manage SAMBA "shares"

Print Services

Business Challenge: How can I reduce my print related helpdesk costs by enabling users easy access to all the printers across the network?

Solution: 'Print Services' enables you to send documents to printers located throughout the Net Using open standards.

Features

- Novell iPrint
  - Print Agents
  - Print Manager
  - Gateways
- Standards support:
  - IPP
  - LPR

Novell.

Messaging Services

Business Challenge: How can I cost effectively deliver e-mail and calendaring to employees throughout the organization with as few servers as possible?

Solution: 'Messaging Services' provides a scalable, high-performance e-mail and calendaring system that is based on open standards.

Features

- Novell NetMail
- Standards Support:
  - POP/IMAP
  - iCAL
  - CAP
- Mail client included
  - Web mail client
  - Win32 (GroupWise)

Novell.

Web Experience

Business Challenge: How can I provide anytime, anywhere access to enterprise services for all of my employees?

Solution: 'Virtual Office Services' improves end-user productivity by delivering self-service capabilities and enhanced collaboration.

Features

- Novell exteNd Director SE 4.1
- Tomcat 4.1.18
- Web Gadgets:
  - Identity
  - File Gadget
  - Print Gadget
  - Messaging Gadget

Management Services

Business Challenge: How do I ensure that my IT staff is effective and efficient whether they're in the office or remote?

Solution: 'Management Services' delivers a global view of your network allowing for proactive assessment and response to your changing network demands.

Features

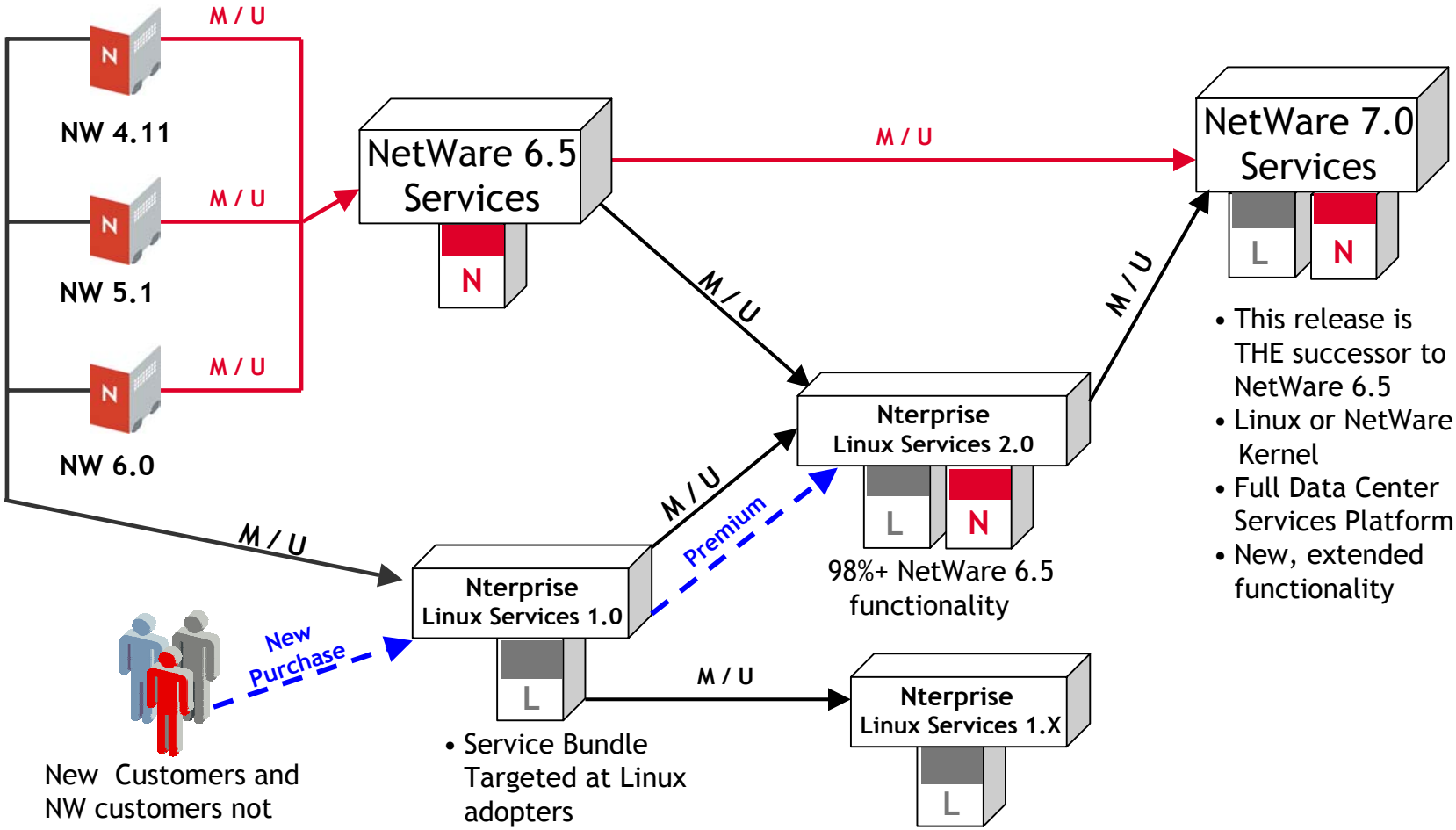
- Novell iManager
- Novell ZENworks for Servers:
  - Tiered electronic distribution for RPM software packages

Novell.

Choice and Flexibility

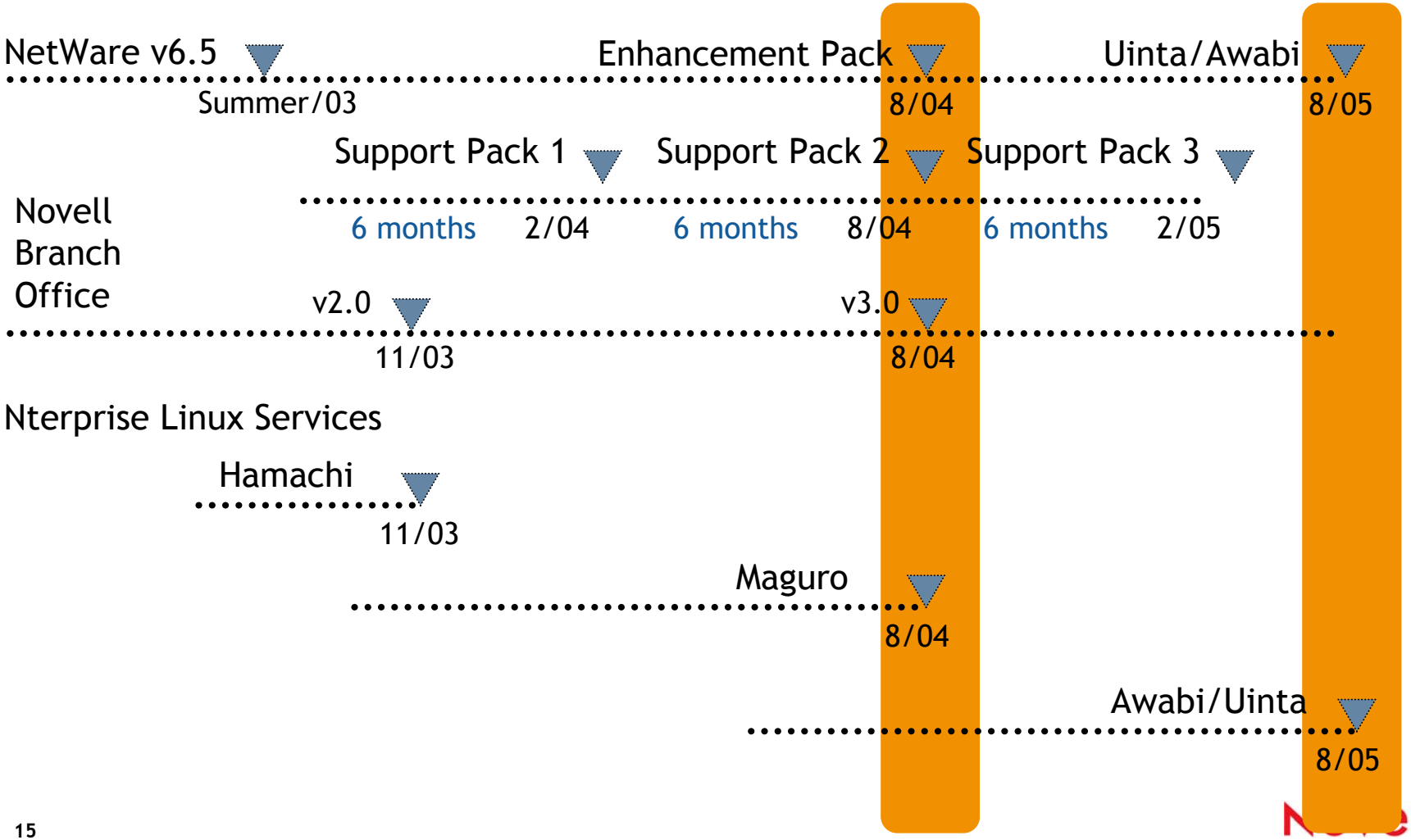
N = NetWare
L = Linux
M = Maintenance
U= Upgrade

Alternative Upgrade Path



Novell.

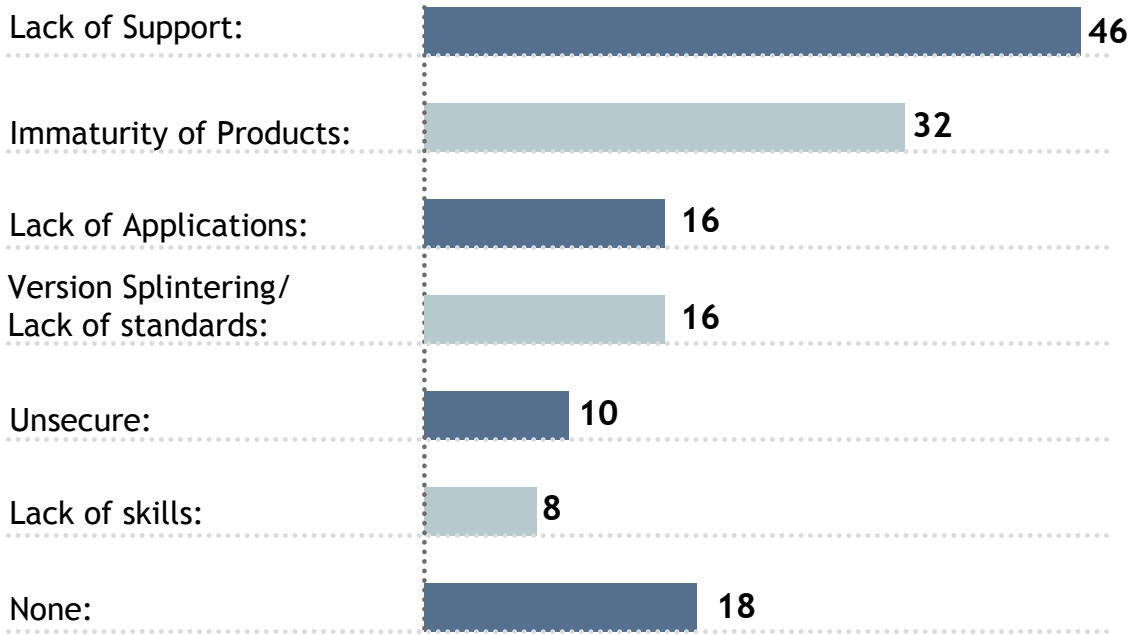
Nterprise Suite/NetWare Roadmap



What's holding up Linux in the Enterprise?

The List Of Enterprise Concerns

"What are your biggest concerns in using Linux and open source software?"



Base: 50 $1 billion-plus companies (multiple responses accepted)

Source: Forrester Research
The Linux Tipping Point, March 2003
Ted Schadler

Novell.

Novell Ngage (Professional Services)

Delivering Value – Novell's entire ecosystem is supporting Linux

Technical Support Services

Education & Training Services

Developer Services

Consulting Services

Full lifecycle services and support are backed by Novell professionals and thousands of partners worldwide

Novell Technical Support Services

NTS will provide direct support to Novell Nterprise Linux Services customers via the current Premium Support Programs

Automated Patch Management/Update System (*Early 2004*)

Migration services & system analysis are available.

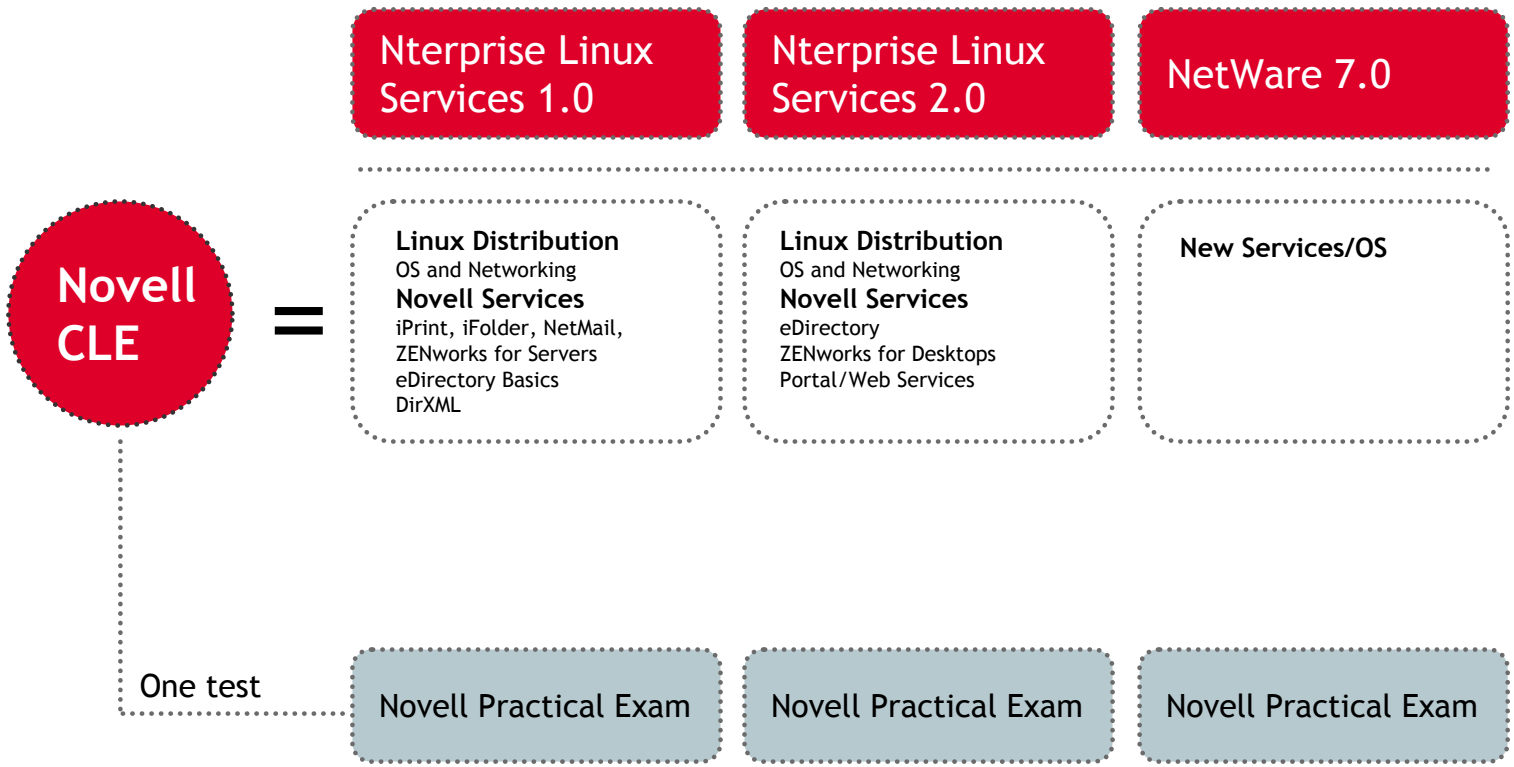
Novell Training Services

Novell Training Services has developed a certification strategy around Nterprise Linux Services.

Strategy: Leverage existing industry accepted training for the prerequisite knowledge (LPI Certification) as preparation for specific training and certification based on Nterprise Linux Services.

The Novell Certified Linux Engineer (CLE)

Novell Training Services



Novell

Novell Developer Services

Novell Forge – A technology collaboration site that allows incremental involvement in the OSS development community.

- http://forge.novell.com

Provide contributions to the OSS community

- Identify products or API's to open source
- Provide code and support it for and with the community (Structural Bazaar)

Open Source Review Board – Internal OSS education/advocacy and legal control.

Provide guidance, tools, and training to facilitate the support of Linux across Novell solution suites.

Novell Consulting Services

Novell's Ngage Teams' capabilities provide complete Linux-based and Services Oriented Architecture solutions

You need solutions

to your business problems

Direction Setting

"identifies and roadmaps implementable solutions"

Implementation

"develops, integrates, deploys and supports the process, organizational and technical components of the solution"

Project Management

"Directs, coordinates and monitors activities to keep the project on track to deliver value"

Client Empowerment

"assists and empowers your staff to implement, operate and extend the solution"

Analyst View

"IDC's demand-side research has indicated that Linux faces several impediments to mainstream acceptance including lack of Linux expertise and experience in the organization, an organizations ability to integrate Linux into their network, and issues with ongoing support of Linux environments. Novell's move to expand customers' options and support Linux is likely to go a long way towards resolving these issues in the minds of IT decision-makers in many organizations."

Dan Kusnetzky, vice president of System Software research for IDC

Novell Press Release - 24 June 2003

"META Group believes the strategy of porting NetWare's capabilities to a Linux core is a good move, and Novell should accelerate the schedule".

Novell and Linux: Setting the Record Straight

Earl Perkins - 23 April 2003

Partner View

"We are pleased to see Novell introduce offerings to help customers meet the need for fully supported, advanced network services and functionality on Linux. We believe in the value these offerings will bring to a growing number of IBM customers. In order to deliver that value to our customers, IBM is working with Novell on this release and subsequent enterprise releases to make Novell Nterprise Linux Services available to customers across the IBM eServer product line."

Jim Stallings, general manager of Linux at IBM

"Red Hat welcomes Novell Nterprise Linux Services running on the Red Hat Enterprise Linux family of products. With Novell's services, supported by Novell's worldwide support organization, running on Red Hat Enterprise Linux, customers now have even more reasons to look to Linux for their mission-critical infrastructures. We look forward to working with Novell and our common global OEM partners - Dell, HP and IBM - to deliver robust solutions to the market."

Mike Evans, Vice President of Channel Sales, Red Hat

"Novell has much to offer the Linux market with its innovative technology and established support infrastructure. The synergies between Ximian and Novell will help drive enterprise adoption of Linux by providing customers with cost-effective solutions that are easy to deploy and affordable to manage."

David Patrick, President and CEO of Ximian

Customer View

"BT believes Linux will play an increasingly important role in our IT environment in the future. We welcome the addition of the Novell contribution to the Linux space, and the additional choice this will enable. We feel it is a good thing for the industry and for Novell."

Chris McGarr, Technology Strategy Manager, BT

"Novell is approaching the Open Source Community, and soon it will offer its customers NetWare along with Linux. On the customer side, Novell will earn points, and will certainly get acceptance from the business community. I would like to congratulate Novell for its sound business decision. At present, MLP is approaching the Linux topic from the server side, and is therefore very pleased with the strategic line followed by Novell. MLP was and is sticking with Novell and will be even more now in the future."

Dr. Stockmann, MLP, Heidelberg

The one Net vision

Novell exteNd | Novell Nsure | Novell Nterprise | Novell Ngage

one Net: *Information without boundaries…where the right people are connected with the right information at the right time to make the right decisions.*

Novell

Summary

- With this move, Novell meets the needs of it's customer base and the marketplace by providing compelling, supported services on both NetWare and Linux, the fastest growing platform in the market today.
- This move is further proof that the Novell one Net vision, which sees open cross-platform computing as the future, is valid and timely.
- Current Novell customers paying maintenance now have both a NetWare and a Linux option going forward

Novell®