

Novell Open Enterprise Server

Roadmap and Direction

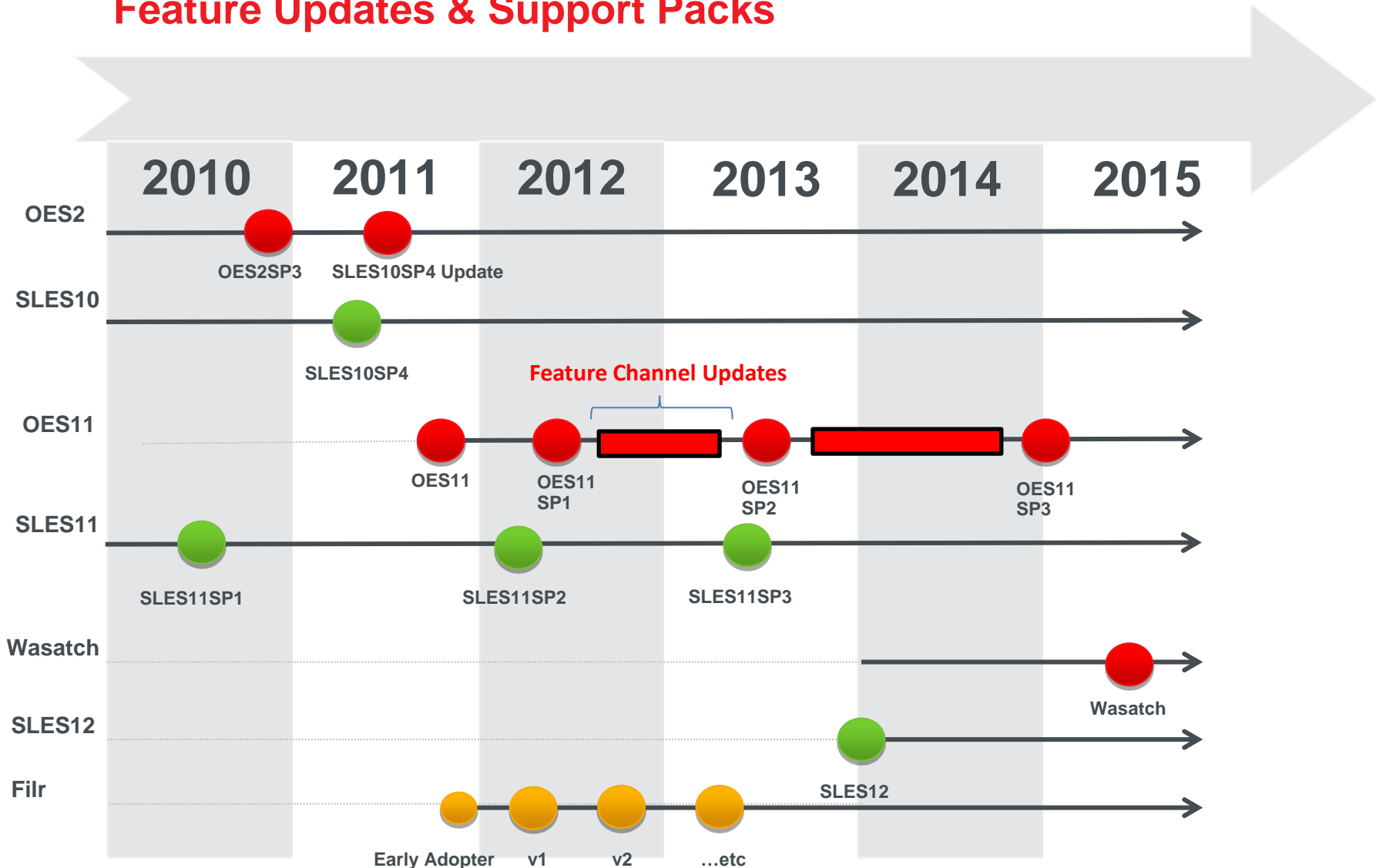
Richard Lindstedt
Product Management
rlindstedt@novell.com

Kai Reichert
kreichert@novell.com

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OES Roadmap

Feature Updates & Support Packs



Note: Bi-monthly Patch Updates for OES have not changed and will continue to be delivered.

Open Enterprise Server 11

SLES 11 Features and Lifecycle

Benefit from SLES 11 advancements

- Rich ISV and IHV ecosystem support
- Improved performance with scheduler optimizations
- Improved CPU, memory and storage scalability
- Green innovations (“Tickless idle” and power profiles)
- Updated Xen hypervisor
- Patch up to 100 times faster

Seven year support life cycle

SLES 11 Certifications



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Novell Linux Volume Manager

OES11 Provides Powerful Storage Tools



OES11	With Novell Linux Volume Manager I Can:
✓	Put NSS on the same disk as the system partition.
✓	Create >2TB Partitions & 8TB Pools on a single segment
✓	Copy a pool to a new disk and expand the pool at the same time.
✓	Copy NSS pools spanned over multiple segments to a single segment pool.
✓	Upgrade from OES2 or NetWare without migrating data
✓	Create both NSS and Posix Pools and cluster enable them from an easy NSSMU interface.

Simple tools for managing and configuring your data center. Data upgrades are seamless, repurposing is simple, configuration is easy!

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OES and Virtualization

Interoperability & Cost Advantages



**Enterprise Virtualization
without the price tag**

Interoperability - “The Perfect Guest OS”

- VmWare, Citrix Xen, Xen guest support
- Alliances with Citrix & VmWare

Novell Cloud Manager

- Robust Virtualization Management
- Can manage Xen, Hyper-V and Vmware guests

Platespin Tools

- Migrate P2V to Xen or VmWare
- Image existing server for hardware move

Cost Advantage

- Xen Virtualization
- Deploy as many virtualized servers
at no additional charge



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OES 11 Future Features

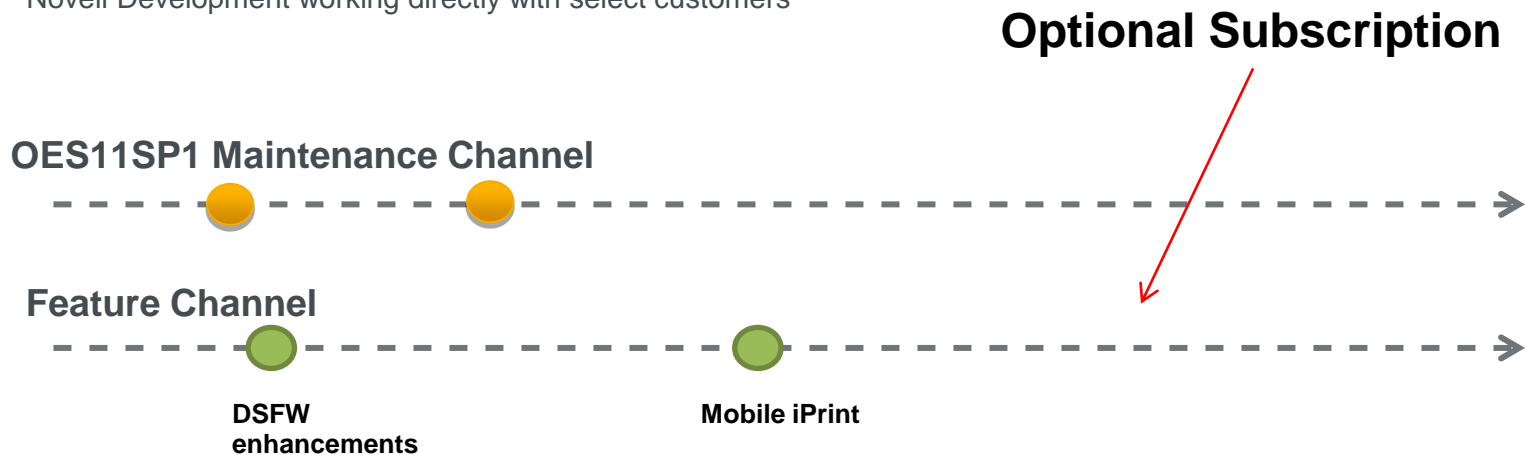
OES Feature Update Overview

Feature Updates are delivered into a new “Feature Channel”

- Customer must be current on the latest support pack and patch channel updates before applying
- Feature Channel is optional, but if subscribed to, customer should update to all updates in the channel
- (n-1) support still exists at support pack level, (“n” meaning latest support pack), SPs do not go away
- All Feature Updates in the Feature Channel are rolled into the next Support Pack

Experimental “early adopter” program

- Feedback provided to Novell through early adopters
- Public Download with Forums and...
- Novell Development working directly with select customers



Where We Are Going Open Enterprise Server

2H 2011

1H 2012

2H 2012

OES 2



**OES 2 SP3 with
SLES 10 SP4**

Maintenance Patches

Maintenance Patches

OES 11



OES 11:

- **SLE11 SP1**
- Migration tools
- NRM Updates
- Volume Manager
- MAC 10.7 DHX2
- Patch Performance
- Automated Upgrade (Dec.)

**OES 11 Feature Tech
Preview:**

- DSfW Updates
- Mobile Print
- Nagios Plugins

Novell Filr v1:

- New mobile File Experience

OES 11 SP1:

- **SLE11 SP2**
- KVM Support
- Btrfs Support
- Single ISO install

**OES 11 Feature
Updates:**

- Mobile iPrint
- iPrint Appliance
- DST quotas
- Nagios Plugins
- Migration Tools Update
- DSFW bi-dir support
- DSFW with NCP client

Novell Filr v2:

- Native Mac client
- Multi-site and org support

Cross-Platform Authentication

Domain Services for Windows



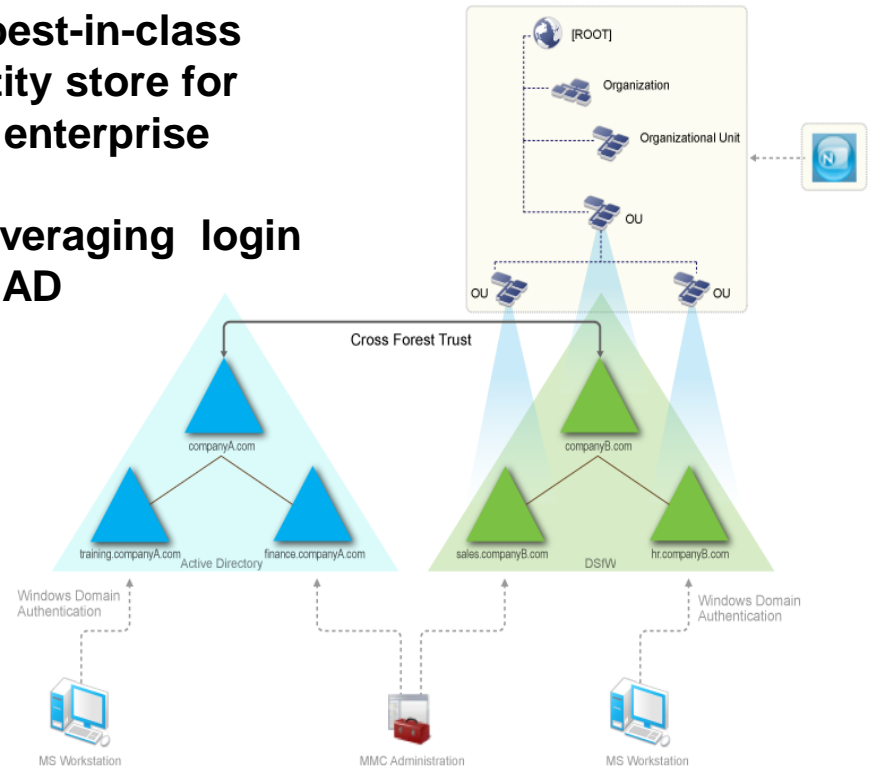
**Business Apps require
AD authentication?**

**Leverage your best-in-class
eDirectory identity store for
all apps in your enterprise**

**Go Clientless leveraging login
scripts through AD
Group Policies.**

Planned Feature Updates

- NCP Client integration
- Bi-Directional Trust
- 3rd Party DNS compatibility



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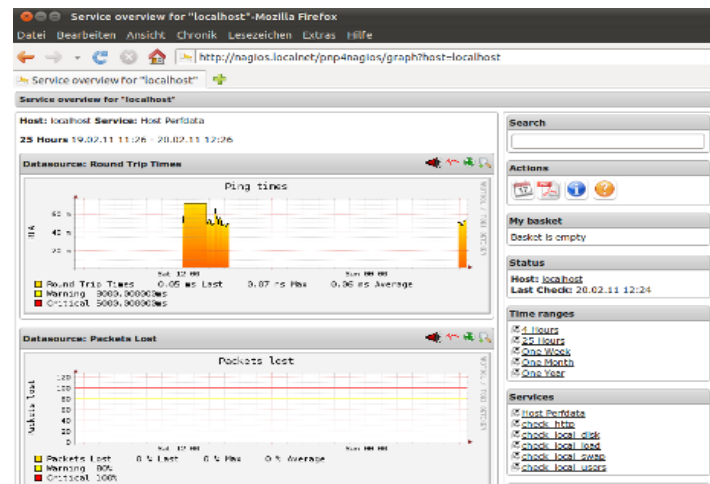
Comprehensive Management

Future Feature Updates



**Management tools that
save IT time and money.**

- Graphical Dsrepair for Linux
- OES Nagios Monitoring Plugins
- Automated Linux User Management (OES11 SP2)



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iPrint

Future Feature Updates

Print from any Mobile Device

- No Drivers required on the device
- Printing rendered on the server
- As easy as sending an email
- iPad and Android Apps

iPrint Appliance

- Automated Print Setup for Edir
- iPrint AD appliance

MAC Enhancements

- Safari Browser Driver upload
- Secure Printing



Cluster Services Futures

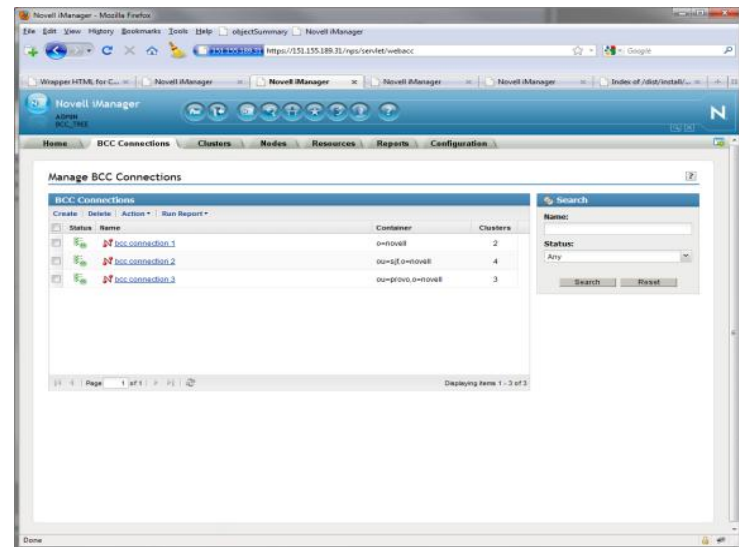
Future Feature Updates



- New User Friendly UI
- Granular Management
- Auto-Load Balance
- Intelligent Service Management

How much does downtime cost your business?

Best of breed High Availability Solutions from Novell keep your business running smoothly.



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Simplified and Flexible Deployments

Future Feature Updates

- **SUSE Studio is your build service**
 - Cloud Service or On-Premise
 - Simple build process
 - Delivers formats of choice
 - VMWare, Hyper-V*, Citrix-XEN*, OSS-XEN, Hard Disk / USB image, Live CD/DVD
- **OES Templates**
 - Optimized for specific OES Services
 - Provided by Novell & Community
 - Automated with Autoyast



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Simplified and Flexible Deployments

NetWare to OES2 or OES11 in-place Upgrade

- Upgrade on same hardware
- Scripted update and fail-back
- No need to touch clients
- Uses Suse Studio OES image & provided scripts
- Tech Preview available by BrainShare!

Delivered as:

- 1) Cool Solutions document
- 2) Consulting Engagement



File System

Feature Updates & Futures



Data is Gold. OES provides the storage infrastructure you trust.

- **NSS**
 - SSD Cache Support & other
 - Performance enhancements
 - Client-less Salvage
- **Dynamic Storage Technology**
 - Quotas
 - Remote volumes
- **Btrfs Support**
 - Novell Rights, Novell cluster services
 - Exabyte Volumes

OES & Novell Filr

Introducing Novell® Filr



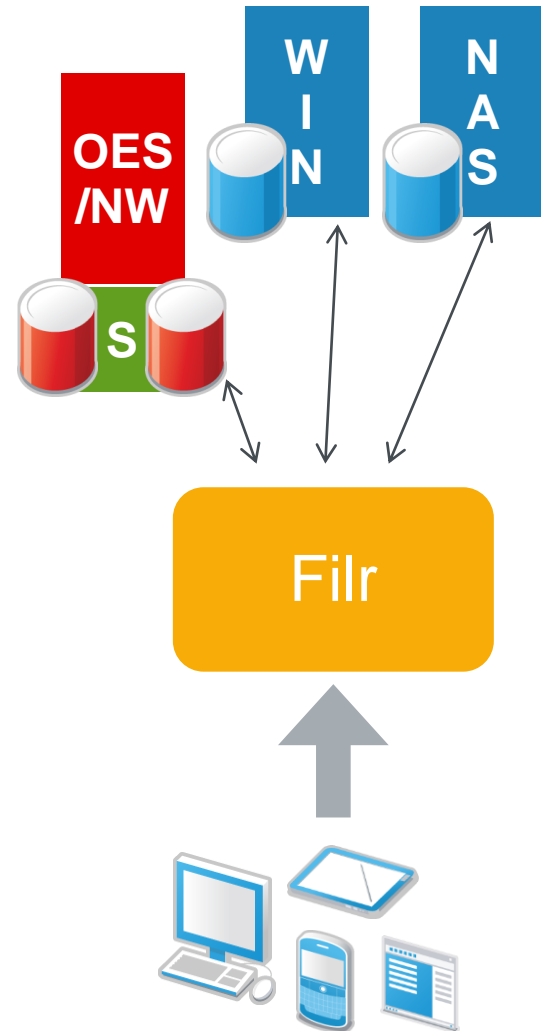
Novell Filr gives IT powerful new abilities to deliver **social file sharing** to users' **popular devices**, combining the capabilities of well-known online tools with **enterprise controls**.

Novell® Filr at 20,000 Feet





Leverage your existing file repositories ...

... with Novell Filr as an abstraction layer ...





... to provide social file sharing and mobile access



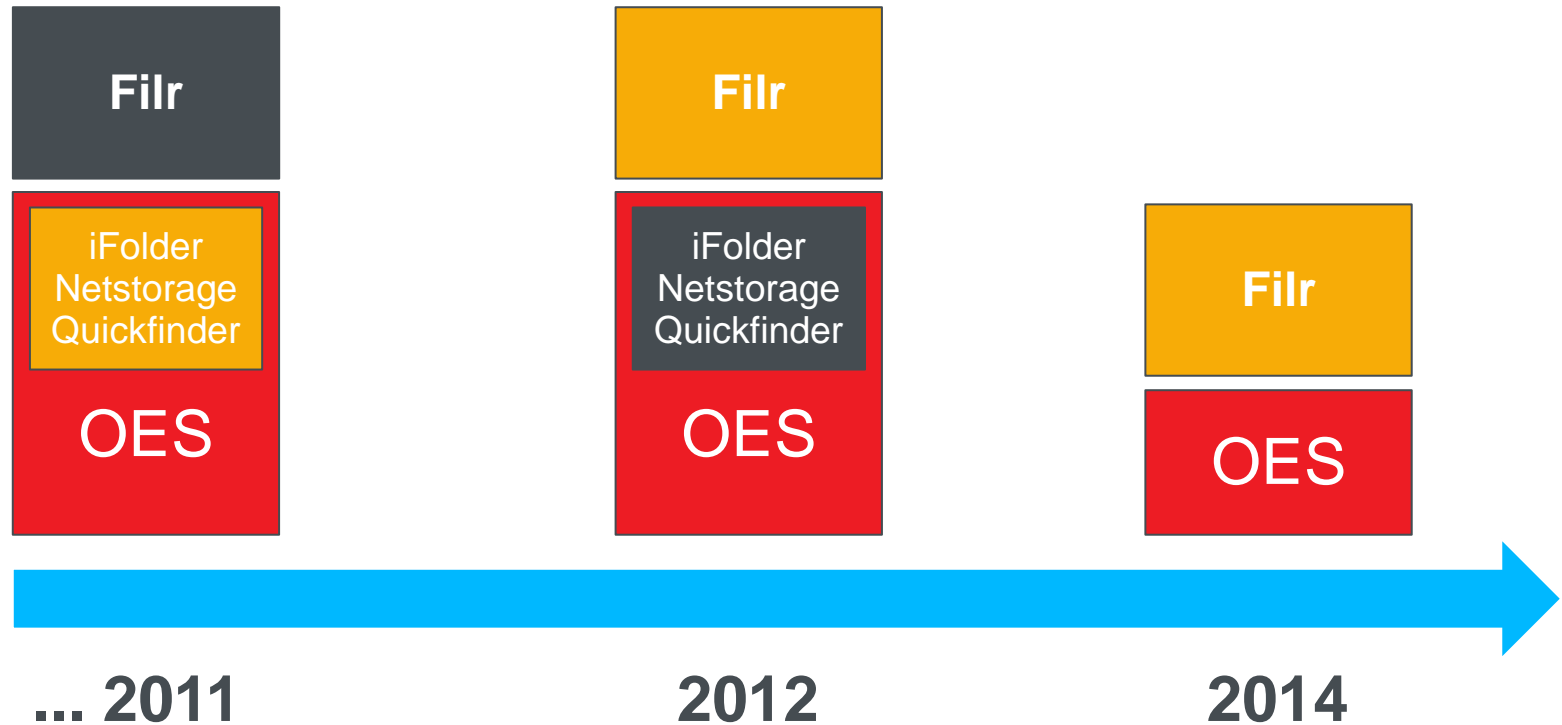
Open Enterprise Server Components

Workloads with Deployment Flexibility					
 User & IT Productivity	iFolder	Enhanced Upgrade Utilities	Novell Linux Volume Manager	Novell Cluster Services	iPrint
 Interoperability	Domain Services for Windows	SAMBA	AFP stack	CIFS stack	Identity Manager 3.6 Bundle Edition
 File Storage	POSIX File Systems	Dynamic Storage Technology	Archive & Versioning	NSS	DFS w/ Junction Support
 Networking & Management	Novell Client	NetStorage	DNS & DHCP	Novell eDirectory	QuickFinder
	Auto YaST	Novell iManager	Novell Remote Manager		
XEN Virtualization					
SUSE Linux Enterprise Server 11 SP1					

Components Replaced by Novell® Filr

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	Auto YaST	Novell iManager	Novell Remote Manager		
XEN Virtualization					
SUSE Linux Enterprise Server 11 SP1					

Open Enterprise Server & Novell® Filr



Filr early adopter release made available to OES customers end of year

Filr launches in the spring but the legacy components are still supported in OES 11

Filr will have replaced the legacy components in the major rev of OES after OES 11

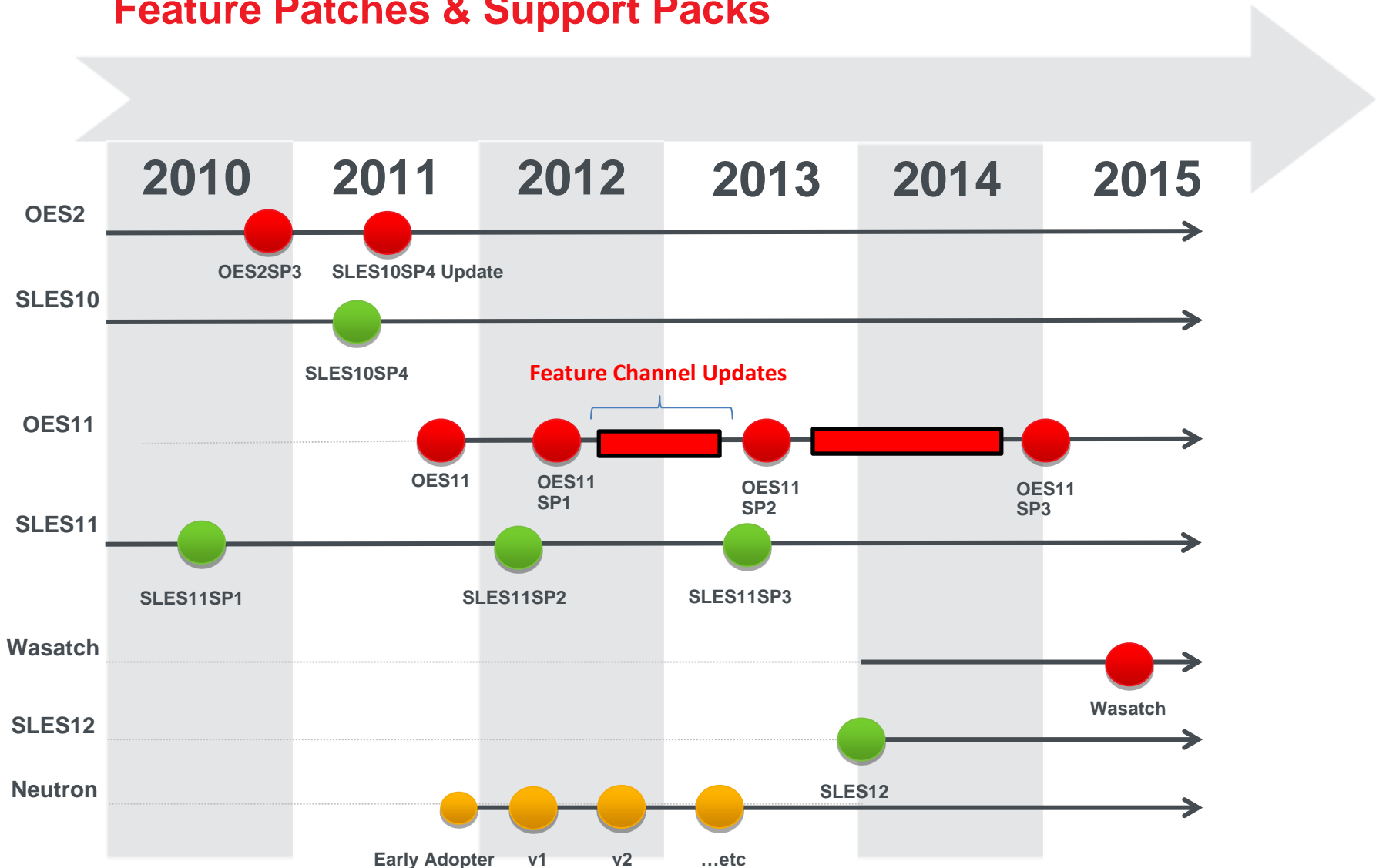
Novell® Filr Licensing and Pricing

- **OES customers** who are current on Maintenance will be **entitled to Filr**
 - Available for download in Novell Customer Center
 - Follows OES licensing
- **Filr will be available as a standalone product for customers not using OES**
 - User based licensing
 - Pricing announced in the spring



OES Roadmap

Feature Patches & Support Packs



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Questions & Answers

Novell®

Corporate Headquarters
1800 South, Novell Place
Provo, Utah 84606

801.861.7000 (Worldwide)
800.453.1267 (Toll-free)

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