



Current Status of OFED in SUSE Linux Enterprise Server

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Agenda



About SUSE

About SUSE Linux Enterprise Server

OFED Integration into SLES

Future Direction of OFED in SLES



SUSE and the Attachmate Group



SUSE, headquartered in Nürnberg / Germany, is an independently operating business unit of The Attachmate Group, Inc.

- The Attachmate Group is a privately held
- 1 billion+ \$ revenue software company
- with four brands:

















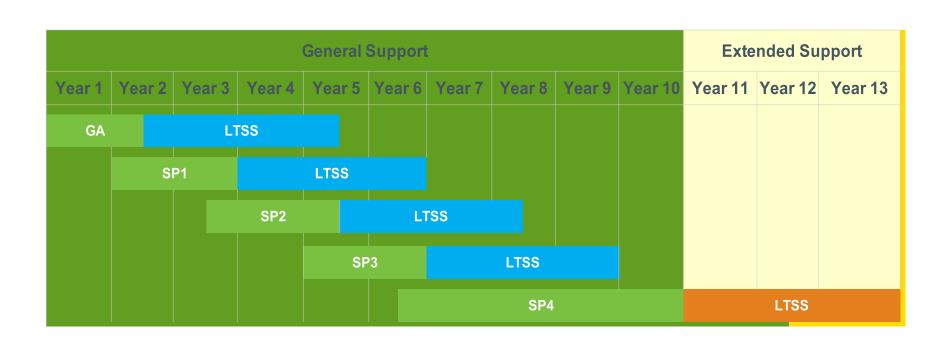
SUSE® Linux Enterprise How We Build It



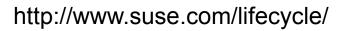


SUSE® Linux Enterprise Server 12 Lifecyle Model





.13-year lifecycle (10 years general support, 3 years extended support)
 .5-year lifecycle per Service Pack (2 years general + 3 years extended support)
 .Long Term Service Pack Support (LTSS) available for all versions, including GA





Pr	oduct Support Lifecycle			
	QUICK SEARCH		Choose a List	
	SUSE Linux Enterprise Server 11	ے Advanced Search	- All Products	
	Start typing to find a product, then click to select Suse Netlo Novell View Policy View Policy View Policy		Products under General Support	
			 Products exiting General Support within 90 days 	
	Frequently Asked Questions		Products under Extended Support	
			Products exiting Extended Support within 90 days	

Product Support Lifecycle Details

	ENDS	ENDS		PRODUCT
31 Mar 2019	31 Mar 2022	31 Mar 2022	SUSE Linux ◆ Enterprise Server 11 SP3	SUSE Linux Enterprise Serve 11
02 Jun 20 29 Feb 20)10 31)12 31	Aug 2012 Jan 2014		
	FC 24 Mar 20 02 Jun 20 29 Feb 20	FCS Date 24 Mar 2009 31 02 Jun 2010 31 29 Feb 2012 31	FCS Date General Ends 24 Mar 2009 31 Dec 2010 02 Jun 2010 31 Aug 2012 29 Feb 2012 31 Jan 2014	31 Mar 2019 31 Mar 2022 31 Mar 2022 ▼ Enterprise Server 11 SP3 FCS Date General Ends 24 Mar 2009 31 Dec 2010 02 Jun 2010 31 Aug 2012 29 Feb 2012 31 Jan 2014



AppArmor Security Framework

Application confinement

Free High Availability Extension

Cluster Framework, Cluster FS, DRBD, GEO-cluster*

YaST2 systems management

Install, deploy, and configure every aspect of the server

Subscription Management Tool

Subscription and patch management, proxy/mirroring/staging

Starter System for System z

A pre-built installation server, deployable with z/VM tools

Features of SLES 12



Linux Kernel 3.12

Only 64-bit kernel

Support of 32-bit application through execution environment

YaST modules written in Ruby

OFED 3.12

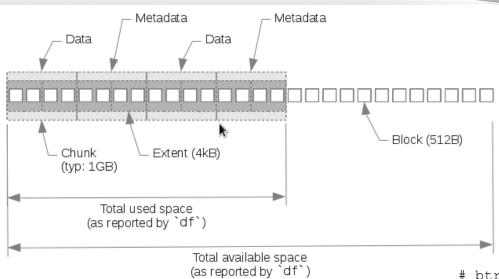
Significant backport assistance from HCA vendors (Intel, Mellanox, etc.)

Installation default to btrfs

Provides snapshots, copy-on-write, subvolumes, scalable to 16EiB

Btrfs Disk Space And Extents





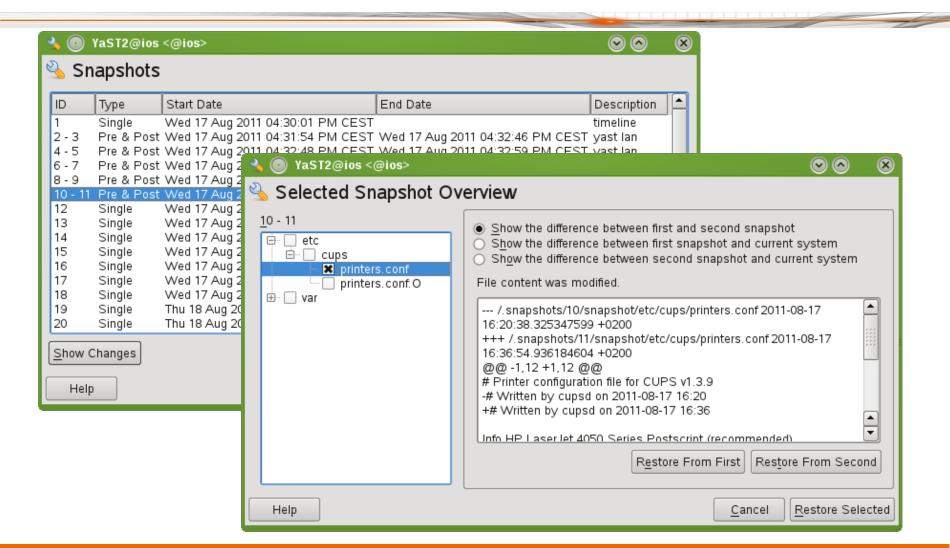
In case of a Btrfs filesystem on a single underlying block device

Disk utilization

Snapshots in SUSE® Linux Enterprise 11 SP3

YaST2 Management





OFED 3.12



Official Open-Source Distribution from The Openfabrics Alliance
Up-to-date as of OFED 3.12-rc1
Initialization scripts package renamed to rdma
Library packages postfixed with -rdmav2
infinipath-psm v3.2
opensm v3.3.17

How you can help



Report bugs

http://bugzilla.novell.com

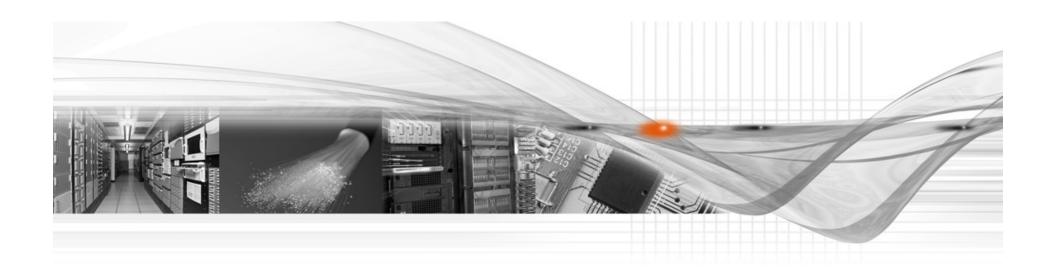
³Participate in feature submission

http://fate.suse.com

Juse the Open Build Service

https://build.opensuse.org

SLES 10 and 11, openSUSE, Fedora, RHEL, Debian, Ubuntu x86 and x86_64, powerpc, ppc64, armv5el, armv7l, armv7hl Install and manage your own build service



Thank you!

