

# 5.1-RELEASE TODO

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2003-05/1013.html>

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To: [current@FreeBSD.org](mailto:current@FreeBSD.org)

This is an automated bi-daily mailing of the FreeBSD 5.1 open issues list.  
The live version of this list is available at:

<http://www.FreeBSD.org/releases/5.1R/todo.html>

Automated mailing of this list will continue through the release of  
FreeBSD 5.1.

## FreeBSD 5.1 Open Issues

### Open Issues

This is a list of open issues that need to be resolved for FreeBSD 5.1. If  
you have any updates for this list, please e-mail [re@FreeBSD.org](mailto:re@FreeBSD.org).

#### Must Resolve Issues for 5.1-RELEASE

Issue	Status	Responsible	Description
There are reports of			
ipfw/ipfw2     alignment problems with			
alignment issues   In progress   Luigi Rizzo   ipfw and/or ipfw2 on			
on alpha/sparc64     64-bit platforms			
(specifically alpha and			
sparc64).			

#### Desired Features for 5.1-RELEASE

Issue	Status	Responsible	Description
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#### Documentation items that must be resolved for 5.1

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| Issue | Status | Responsible | Description |

### Areas requiring immediate testing

| Issue | Status | Responsible | Description |

		The 20030228 vendor	
Fresh ACPI-CA	--	--	sources have been
import			imported. Further testing
		is appreciated.	

		PAE support allows the	
		use of up to 64GB of RAM	
PAE support for	--	--	on Pentium Pro and above
i386			systems. Virtual
		addresses are still	
		constrained to 32-bits.	

		The recently upgraded	
		if\_wi driver is more	
		tuned to Prism hardware	
		than to Lucent hardware,	
if\_wi problems on			resulting in system
Lucent hardware	--	--	lockups and poor
		performance when using	
		Lucent hardware. These	
		problems are believed to	
		be fixed but more testing	
		is welcome.	

		For 5.1-RELEASE, the	
		default file system type	
		for newly created file	
		systems is UFS2 rather	
UFS2 as			than UFS1. newfs(8) and
installation,	--	Robert Watson	sysinstall(8) have been
newfs default			updated to use this new
		default. Testing to make	
		sure all goes well after	
		the change (committed on	
		April 20, 2003) is vital.	

		Support for pluggable	
		directory services using	
		NSS, including	
		adaptations of current	
		Jacques	directory services (local
NSSwitch support	--	Vidrine	databases, NIS), and
		support for new services	

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		(LDAP, Active Directory,
		etc). This change has
		been committed, and
		requires broader testing.

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		Kris Kennaway reports	
		that he has seen several	
		unique panics on the	
Spurious alpha			alpha machines, but since
panics	--	--	gdb -k doesn't work on
		alpha I haven't been able	
		to get more than a DDB	
		traceback. No-one has	
		looked into them.	

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freebsd-current@freebsd.org mailing list

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