

FreeNAS - Bug #1247

Add UFS snapshot[/shadow copy] support

02/05/2012 06:05 PM - Anonymous

Status:	Closed	
Priority:	Important	
Assignee:		
Category:	Middleware	
Target version:		
Seen in:		Needs Merging: Yes
Severity:	New	Needs Automation: No
Reason for Closing:		Support Suite Ticket: n/a
Reason for Blocked:		Hardware Configuration:
Needs QA:	Yes	ChangeLog Required: No
Needs Doc:	Yes	

Description

autosnap.py currently supports ZFS only, but it shouldn't be too hard to retrofit it to use UFS as well.

Similarly, it looks like shadow copy support can be relatively painlessly achieved with UFS snapshots r1.

Work should be done to ensure that things function and are robust because the ticket creator hasn't actively used this support. Also, snapshotting with UFS needs work in [[FreeBSD]] 9.x (as delphij probably knows) when SUJ is enabled. There are reports of UFS causing system instability around the time that 9.0 was released r2.

1. <http://forums.freebsd.org/showthread.php?t=3317>
2. <http://lists.freebsd.org/pipermail/freebsd-current/2012-January/030937.html>

History

#1 - 02/10/2012 08:48 PM - Xin Li

- Status changed from Unscreened to Closed

UFS snapshots are much slower than ZFS, even for small volumes because the way it implemented requires a through scan for all cylinder groups. Supporting snapshots is not practical for rotating disks at all.