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# **SMART Test Schedule**

There are two types of SMART test that require schedules. We need to create a Long SMART test schedule and a Short SMART test schedule.

# Long SMART Test Schedule

Go to the "Tasks" page.

Account Syste	em Tasks	Network	Storage	Directory	(Sharing	Services	Plugins	Jails F	Reporting	<b>T</b> Wizard
System Information Ger	neral Boot	Advanced	Email	System Data	iset Tunabl	es Update	CAs	Certificates	Support	
System Infor	mation									
Hostname	Ed	it								
Build	FreeNAS-9.10-RE	ELEASE (2def	9c8)							
Platform	Intel(R) Xeon(R)	CPU E5-2620	v3 @ 2.40	GHz						
Memory	16248MB									
System Time										
Uptime										
Load Average	0.00, 0.06, 0.13									

Click on the "S.M.A.R.T. Tests" button (1).

Now click on "Add S.M.A.R.T. Test" button (2).

A screen will pop up.

Select the storage drives you want to test from the "Disks:" selection box (3). If you want to test them all (Fester recommends this) then click on the first drive, hold down the shift key and while holding this key down click on the last drive. This should select them all.

Select the type of SMART test you want (in this case it is the Long test) from the "Type:" drop down selection box (4).

Give the test a name in the "Short description:" text box (5).

Fester wants to schedule these tests to run on the 8<sup>th</sup> and 22<sup>nd</sup> of every month at 02:00am in the morning

(the server should not be busy at that time).

#### Set "Each selected hour" to **02** (6).

8	Ø	-			6	ø	-			T	
Account System	n Tasks	Network	Storage	Directo	Add S.M.A.R.T.	Test	_	_	_	88	<u>^</u>
Cron Jobs Init/Sh	utdown Scripts	Rsync Tasks	IS.M.A.R.T.	Tests	Disks:	da4 da5 da6 da7 ▼	3				
Туре		Short descri	iption		Туре:	Long Se	elf-Test 🔻	4			
No entry has been f	ound				Short description:	Give It	A Good Nan	ne 5			
					Hour: Day of monti	Every 6 00 [ 09 ] 18 [ 18 ]	N hour Ea 01 02 0 10 11 1 19 20 2	ch selected ho       13     04     05       12     13     14       11     22     23	06     07       15     16	08 17	
					Day of month	h: Every	N day of mo	nth Each se	elected day of	month 09	Ŧ

In the "Each selected day of the month" box select the  $8^{th}$  day by clicking on **08** (7) and the  $22^{nd}$  day by clicking on **22** (8).

Put a tick in every tick box for every month (9).

Now scroll down the window.



Put a tick in every tick box for every day of the week (10).

Now click on the "OK" button (11) to save this long test schedule.

fester:smart\_schedule https://neth.familybrown.org/dokuwiki/doku.php?id=fester:smart\_schedule

Account System Tasks Network Storage Director	۲ ۲ ۲ ۲ ۲
Tasks     Network     Storage     Director       Tasks     Cron Jobs     Init/Shutdown Scripts     Rsync Tasks     S.M.A.R.T. Tests	
Add S.M.A.R.T. Test       Type       Short description       No entry has been found	Month: • Z January • Z February • Z March • Z April • Z May • Z June • Z July • Z July • Z August • Z September • Z October • Z October • Z October • Z December
	Day of week: •  Monday •  Tuesday •  Wednesday •  Friday •  Saturday •  Sunday •  Sunday •  Sunday

That's the long test schedule set.

### Short SMART Test Schedule

Go to the "Tasks" page.

Last update: 2016/06/11 14:30

2023/06/24 0	2:32				5/8					SMART Tes	st Schedule
Account	System	D Tasks	Network	Storage	Directory	(interview) Sharing	Services	Plugins	) Jails	Reporting	Wizard
System											
Information	General	Boot	Advanced	Email	System Data	aset Tunable	es Updat	e CAs	Certificate	s Support	
System	Informatio	on									
Hostnam	ie	E	dit								
Build	Free	NAS-9.10-R	ELEASE (2de	f9c8)							
Platform	Intel(	R) Xeon(R)	CPU E5-2620	0 v3 @ 2.40	OGHz						
Memory	1624	8MB									
System	Time										
Uptime											
Load Av	erage 0.00,	0.06, 0.13									

Click on the "S.M.A.R.T. Tests" button (1).

Now click on "Add S.M.A.R.T. Test" button (2).

A screen will pop up.

Select the storage drives you want to test from the "Disks:" selection box (3). If you want to test them all (Fester recommends this) then click on the first drive, hold down the shift key and while holding this key down click on the last drive. This should select them all.

Select the type of SMART test you want (in this case it is the Short test) from the "Type:" drop down selection box (4).

Give the test a name in the "Short description:" text box (5).

Fester wants to schedule these tests to run on the  $5^{th}$ ,  $12^{th}$ ,  $19^{th}$  and  $26^{th}$  of every month at 03:00am in the morning (the server should not be busy at that time).

Set "Each selected hour" to **03** (6).

Now scroll down the window.

	8	Ø	-			6	(	ំ 📅			T	
1	Tasks	lasks	Network	Storage	Direct	Add S.M.A.R.T	. Te	st	_	_	22	
¢	Cron Jobs Init/Shutd	own Scripts 2	Rsync Tasks	(S.M.A.R.T.	Tests	Disks:	3	da4 ▲ da5 da6 ≡ da7 ▼				
E	Туре		Short descri	iption		Туре:	4	Short Self-Test	*			
	Long Self-Test		Long Test S	chedule		Short description:	5	Give It A Good	Name			on
						Hour:	6	Every N hour 00 01 02 09 10 11 18 19 20	Each selected h	our 5 06 07 ( 4 15 16 ( 3	08	
						Day of mont	h:	Every N day of	month Each s	elected day of	month 09	-

In the "Each selected day of the month" box select the  $5^{th}$ ,  $12^{th}$ ,  $19^{th}$  and  $26^{th}$  day by clicking on **05** (7), **12** (8), **19** (9) and **26** (10) respectively.

Put a tick in every tick box for every month (11).

Now scroll down the window.

Last update: 2016/06/11 14:30

Account System Tasks	Network Storage Direct	0 6 📅 🔟 📑 🕤	~
Tasks         Cron Jobs Init/Shutdown Scripts         Add S.M.A.R.T. Test         Type         Long Self-Test	Rsync Tasks S.M.A.R.T. Tests Short description Long Test Schedule	Image: Constraint of the second consecond consecond constraint of the second constraint of	or
		Month: 11 I I I I I I I I I I I I I	III

Put a tick in every tick box for every day of the week (12).

Now click on the "OK" button (13) to save this short test schedule.

Last update: 2016/06/11 14:30 fester:smart\_schedule https://neth.familybrown.org/dokuwiki/doku.php?id=fester:smart\_schedule

Tasks Cron Jobs Init/Shutdown Scripts Rsync Tasks S.M.A.R.T. Tests	
Add S.M.A.R.T. Test Month:	J.
Type Short description	
Long Self-Test Long Test Schedule • 🔽 May	on
• 🔽 June	
• 🗹 July • 🔽 August	
• September	
• 🔽 October	
• 🔽 November	
• 🔽 December	
Durafanala 🖉 🖉 🖉	
Day of week: • Monday	
• Wednesday	
12 • Thursday	=
• 🔽 Friday	
• 🔽 Saturday	
13 • 🔽 Sunday	
Cor Cancel	

That's the short test schedule set.

