

FreeNAS - Feature #26195

Feature Request: Secure the console menu for FreeNAS

10/14/2017 05:28 AM - Manuel Morcillo

Status: Closed: Behaves correctly	Estimated time: 0.00 hour
Priority: Important	
Assignee: Kris Moore	
Category: GUI (new)	
Target version: N/A	
Severity: New	Needs Merging: Yes
Reason for Closing:	Needs Automation: No
Reason for Blocked:	Support Suite Ticket: n/a
Needs QA: Yes	Hardware Configuration:
Needs Doc: Yes	

Description

The FreeNAS console menu is completely open to anyone with access to the keyboard via console. The FreeNAS menu should be secured and not be open to anyone that happens to get access to the physical keyboard/monitor.

It would be better to improve access to the console so that you have to logon first (as root/admin) before you can make any kind of change. I have created a picture to show some options that could be implemented. If you have to logon to the web gui, then why can't the console menu be also protected by a password?

Regards
Manuel M

Related issues:

Related to FreeNAS - Bug #19740: Update Advanced Console UI description	Resolved	12/21/2016
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History

#1 - 10/14/2017 10:48 AM - Dru Lavigne

- Status changed from Unscreened to Closed: Behaves correctly
- Target version changed from 11.0 to N/A

You can uncheck the "Enable Console Menu" box in System -> Advanced in environments where console access is considered to be insecure.

#2 - 10/15/2017 05:50 AM - Manuel Morcillo

Ok this is one way to remove the console menu. But.

What can the admin do when something happens and the web gui is not accessible and the console menu is disabled?

Wouldn't it be better if the console was available at all times but is 'secured' so that when the web gui is not working (keeps crashing) the admin has a way to get in and run commandline fixes?

Cheers
Manuel

#3 - 10/15/2017 05:59 AM - Manuel Morcillo

- Assignee changed from Release Council to Dru Lavigne
- Private changed from No to Yes

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Manuel

#4 - 10/16/2017 05:22 AM - Dru Lavigne

- Status changed from Closed: Behaves correctly to Unscreened
- Assignee changed from Dru Lavigne to Kris Moore

Kris: what are your thoughts on this one?

#5 - 10/16/2017 08:30 AM - Kris Moore

- Status changed from Unscreened to Closed: Behaves correctly

Thats exactly what that option does right now. If you uncheck web-console, it just puts it behind a root/password prompt before it shows up.

#6 - 10/17/2017 04:26 AM - Manuel Morcillo

Thanks for pointing this out. I tested this in my test FreeNas and it does simply show the 'login:' prompt.
I was looking for the 'web-console' but could not find it - i think you meant 'uncheck the "Enable Console Menu" box in System -> Advanced'.

The online guide says 'unchecking this box removes the console menu' - it doesn't say 'this will secure your menu behind logon access'

<http://doc.freenas.org/11/system.html#advanced>

Since security is the in thing, shouldn't this be unchecked by default? This way it is secure from the first boot. At least the documentation should say 'Recommended setting is leave it unchecked to force logon at console menu'.

Thank you
Manuel

#7 - 10/17/2017 04:27 AM - Manuel Morcillo

- Private changed from Yes to No

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Thank you
Manuel

#8 - 10/17/2017 06:43 AM - Dru Lavigne

- Related to Bug #19740: Update Advanced Console UI description added

#9 - 10/17/2017 06:43 AM - Dru Lavigne

This option has actually been renamed in 11.1 to be clearer: Show Text Console Without Password Prompt.

Files

FreeNAS secure console.png	37 KB	10/14/2017	Manuel Morcillo
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