

FreeNAS - Feature #36953

Umbrella # 36938 (Closed): Middleware task progress

Return progress for debug file creation

07/06/2018 03:52 PM - Erin Clark

Status: Done	Estimated time: 0.00 hour
Priority: No priority	
Assignee: Brandon Schneider	
Category: Middleware	
Target version: 11.3-ALPHA1	
Severity: Medium	Needs Merging: No
Reason for Closing:	Needs Automation: No
Reason for Blocked:	Support Suite Ticket: n/a
Needs QA: No	Hardware Configuration:
Needs Doc: No	

Description

Creating a debug file can take a long time, would it be possible for the middleware to return a percentage so the user knows that the task is doing something.

----- William's description below -----

Currently debug file generation happens on legacy UI code, two things need to happen here:

- Code to generate debug has to be moved from UI to middlewared, making legacy UI call middlewared (it needs to be a job method).
- Generating debug has to be changed (its a shell script program) to be more verbose while running:
 - we need to first calculate the amount of modules that are going to run
 - before each module runs we need to print the percentage of modules that have ran so far and what the modules does, e.g.

```
0%: generating system information
5%: running disk latency script
```
 - on middlewared we will run that script reading the stdout and parsing each line, updating the job progress with percent and description

Risk

This is a high risk task since it touches a critical piece of the software which is providing debug from customer to diagnose issues without requiring calls.

Acceptance Criteria

Once this is completely we will be able to check out progress of save debug using middlewared websocket call. Code will be necessary in the new UI to show the changes.

Related issues:

Copied to FreeNAS - Feature #76225: Show progress for debug file creation in ... **Passed Testing**

Associated revisions

Revision 81e41d14 - 02/20/2019 01:38 PM - Brandon Schneider

feat(system/debug): Report progress via the job

This PR introduces parsing the stdout of ixdiagnose to provide progress on the debug creation.

ixdiagnose changes

- Add -p flag to print to stdout instead of piping to the tmpfile

freenas-debug

- We now print ** PERCENT%: DESCRIPTION for each debug task requested

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Revision edf46a18 - 02/20/2019 01:46 PM - Brandon Schneider

feat(system/debug): Report progress via the job (#2618)

This PR introduces parsing the stdout of ixdiagnose to provide progress on the debug creation.

ixdiagnose changes

- Add -p flag to print to stdout instead of piping to the tmpfile

freenas-debug

- We now print ** PERCENT%: DESCRIPTION for each debug task requested

Ticket: #36953

History

#1 - 07/09/2018 05:22 AM - William Grzybowski

- Description updated

- Assignee changed from William Grzybowski to Brandon Schneider

- Severity changed from New to Medium

#2 - 07/09/2018 05:23 AM - William Grzybowski

- Description updated

#3 - 07/09/2018 05:26 AM - William Grzybowski

- Description updated

#4 - 07/09/2018 05:27 AM - William Grzybowski

- Description updated

#5 - 07/09/2018 08:30 AM - Brandon Schneider

- Status changed from Unscreened to Not Started

#6 - 08/21/2018 08:40 PM - Brandon Schneider

- Status changed from Not Started to In Progress

#7 - 02/20/2019 01:46 PM - Bug Clerk

- Status changed from *In Progress* to *Ready for Testing*

11.3 PR: <https://github.com/freenas/freenas/pull/2618>

#8 - 02/20/2019 01:46 PM - Bug Clerk

- Target version changed from *11.3* to *11.3-BETA1*

#9 - 02/20/2019 02:33 PM - Dru Lavigne

- Needs Merging changed from *Yes* to *No*

#10 - 02/20/2019 02:34 PM - Dru Lavigne

- Copied to Feature #76225: *Show progress for debug file creation in new UI added*

#11 - 02/25/2019 12:18 PM - Bonnie Follweiler

This has been assigned to Zackary Welch

#12 - 02/25/2019 12:35 PM - William Grzybowski

- Status changed from *Ready for Testing* to *Passed Testing*

- Needs QA changed from *Yes* to *No*

This can only be tested in related ticket.

#13 - 02/25/2019 01:54 PM - Dru Lavigne

- Status changed from *Passed Testing* to *Done*

- Needs Doc changed from *Yes* to *No*

#14 - 04/02/2019 08:20 AM - Dru Lavigne

- Target version changed from *11.3-BETA1* to *11.3-ALPHA1*