

RedHatInsights / insights-core Public[Code](#) [Issues](#) 132 [Pull requests](#) 9 [Actions](#) [Projects](#) [Wiki](#) [Security](#)

feat: improve temp directories #3878

Merged [xiangce](#) merged 1 commit into [RedHatInsights:master](#) from [ahitacat:temp-directory](#) on Aug 23, 2023

[Conversation](#) [Commits](#) 1 [Checks](#) [Files changed](#)



ahitacat commented [on Aug 9, 2023](#) • edited

Contributor

Check all that apply:

- Have you followed the guidelines in our Contributing document, including the instructions about commit messages?
- Is this PR to correct an issue?
- Is this PR an enhancement?

Complete Description of Additions/Changes:

This commit improve the use of temporary directories:

- The temporary directory will have a random name: `/var/tmp/insights-client-<random characters>`.
- It checks that the directory is not being in use before using it. If it existed, it will clean that directory and create a new one.
- Remove unused temporary directory and the function that used it: `archive_tmp_directory`.
- Change the cleanup mechanisms to be align with this change.
- Change the tests to be align with this change.
- Refactor the constants used.



ahitacat added the [client](#) label [on Aug 9, 2023](#)



ahitacat marked this pull request as ready for review [3 years ago](#)

ahitacat commented [on Aug 10, 2023](#)


Contributor

Author

[@ptoscano](#) Can you take a look at this?

 **ptoscano** reviewed [on Aug 17, 2023](#)

[View reviewed changes](#)

 **ptoscano** left a comment

Contributor

Generally LGTM (will need [@xiangce](#) review as well); I left one note about potential conflicts between instances.

▼ `insights/client/archive.py` Outdated

Comment on lines 246 to 250

 **ptoscano** [on Aug 17, 2023](#)

Contributor

As I understand, there may be more than one `insights-client` run at the same time; in that case, because of this code there may be this situation:

- `insights-client` 1 starts: it creates its own `/var/tmp/insights-client-F00` temporary directory
- `insights-client` 2 starts as well: `cleanup_previous_archive()` cleans up all the existing `/var/tmp/insights-client*` stuff including `/var/tmp/insights-client-F00`
- `insights-client` 1 dies in sadness

What I'd do is removing only the bits older than 24h: this way even slow `insights-client` run will not suddenly get their own temporary directories removed under their feet, yet still cleaning old leftovers

 **xiangce** [on Aug 21, 2023](#)

Contributor

How about adding a restriction that only one instance of "insights-client" is allowed to run at a time?

 **ahitacat** [on Aug 21, 2023](#)

Contributor

Author

I am not sure if that is a good idea. If we added so, it will limit the following situations:

1. `insights-client` is running the scheduled collection and the administrator wants to check `insights-client` status.
2. The administrator want to run `collection` and also `malware` .
- 3.

I think that a better option is to allow this kind of situation, that was the first idea (before change the things in the temporary files)

ahitacat commented on Aug 21, 2023

Contributor

Author

Last changes pushed:

- The cleanup mechanism checks if the directories found with the determined prefix are older than 24 hours. Those that are older are removed.
- New tests.



ptoscano reviewed on Aug 21, 2023

[View reviewed changes](#)



ptoscano left a comment

Contributor

There is at least one change needed (the variable used for `getmtime()`), and it should be OK.

Another possibility to make it a bit more Pythonic (IMHO) could be to use the list comprehension approach more, like the following untested code:

```
# list our temporary directories
directories = [
    os.path.join(constants.insights_tmp_path, directory)
    for directory in os.listdir(constants.insights_tmp_path)
    if directory.startswith(constants.insights_tmp_prefix)
]
# filter only directories modified last more than 24 hours ago
directories = [
    directory
    for directory in directories
    if os.path.isdir(directory) and os.path.getmtime(directory) <= one_day_ago
]
for directory in directories:
    logger.debug("Deleting previous archive %s", directory)
    shutil.rmtree(directory, True)
```





insights/client/archive.py Outdated



ptosciano on Aug 21, 2023

Contributor

this `directory` should most likely be `directory_path`

insights/client/archive.py Outdated



ptosciano on Aug 21, 2023

Contributor

if `directory` here is replaced by `os.path.join(constants.insights_tmp_path, directory)`, this avoids the need to do the `join()` in the loop



feat: improve temp directories ...

[ffe0aba](#)

ptosciano commented on Aug 22, 2023

Contributor

Thanks for the updates! IMHO LGTM now, I'll leave it to [@xiangce](#) for the final review.



xiangce approved these changes on Aug 23, 2023

[View reviewed changes](#)



xiangce left a comment

Contributor

It looks good to me too. And I tested the py26 on my local, it's PASSED.




xiangce merged commit [2286fbe](#) into [RedHatInsights:master](#) on Aug 23, 2023

 **xiangce** pushed a commit that referenced this pull request [on Aug 24, 2023](#)

 [feat: improve temp directories \(#3878\)](#) ... [f2c6e11](#)

 **xiangce** pushed a commit that referenced this pull request [on Sep 6, 2024](#)

 [feat: improve temp directories \(#3878\)](#) ... [7a05218](#)

 **xiangce** pushed a commit that referenced this pull request [on Dec 11, 2025](#)


 [feat: improve temp directories \(#3878\)](#) ... [76ffb50](#)

[Sign up for free](#) to join this conversation on **GitHub**. Already have an account? [Sign in to comment](#)

Reviewers

 **xiangce** ✓

+1 more reviewer ^

 **ptoscano** 💬

Assignees

No one assigned

Labels

client

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

3 participants

