TYPO3 Core - Bug #93693

AuthenticationService Loging

2021-03-10 08:55 - Viktor Quiring

Status:	Closed		**Start date:**	2021-03-10
Priority:	Should have		**Due date:**	
Assignee:			**% Done:**	100%
Category:	Logging		**Estimated time:**	0.00 hour
Target version:				
TYPO3 Version:	10		**Complexity:**	
PHP Version:			**Is Regression:**	
Tags:			**Sprint Focus:**	

Description

Logging messages from the TYPO3 Core Authentication classes are not always printing out the IP address. Instead, the messages printing out the placeholder ###IP###.

Steps to reproduce:
Add the following script to AdditionalCofiguration.php :

```
$GLOBALS['TYPO3_CONF_VARS']['LOG']['TYPO3']['CMS']['Core']['Authentication']['writerConfiguration'
] = [
    \TYPO3\CMS\Core\Log\LogLevel::INFO => [
        \TYPO3\CMS\Core\Log\Writer\FileWriter::class => [
            'logFile' => \TYPO3\CMS\Core\Core\Environment::getVarPath() . '/log/typo3_auth.log',
        ]
    ]
];
```

The messages that are written to the log file are not always provided with an IP address.
For example usernames that are available, but the password does not match, the following message is written in the log:

```
[INFO] request = "22b7434b00a76" component = "TYPO3.CMS.Core.Authentication.AuthenticationService"
: Login attempt from ###IP###, username 'xxxxxxx' , password not accepted!
```

The placeholder ###IP### is printed in the message, but not the IP address itself.
Many other messages are also only printed with the placeholder ###IP### instead of the IP address.

Related issues:

Related to TYPO3 Core - Bug #93943: AuthenticationService Loging	**Closed**	**2021-04-19**

Associated revisions

Revision dc540117 - 2021-03-11 13:03 - Markus Klein

[BUGFIX] Include IP in authentication logs

Logs written via the logging API now include the correct
remote address instead of the marker ###IP###.

Additionally, some actions were logged twice, this is
streamlined.

Resolves: #93693
Releases: master, 10.4
Change-Id: I7d420046f5cff605383ce330784821644d9b9fac
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/68304
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: core-ci <typo3@b13.com>
Tested-by: Torben Hansen <derhansen@gmail.com>
Tested-by: Josef Glatz <josefglatz@gmail.com>
Tested-by: Richard Haeser <richard@richardhaeser.com>
Reviewed-by: Torben Hansen <derhansen@gmail.com>

Reviewed-by: Josef Glatz <josefglatz@gmail.com>
Reviewed-by: Richard Haeser <richard@richardhaeser.com>

Revision a6dc1cbb - 2021-03-11 13:20 - Markus Klein

[BUGFIX] Include IP in authentication logs

Logs written via the logging API now include the correct
remote address instead of the marker ###IP###.

Additionally, some actions were logged twice, this is
streamlined.

Resolves: #93693
Releases: master, 10.4
Change-Id: I7d420046f5cff605383ce330784821644d9b9fac
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/68320
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: core-ci <typo3@b13.com>
Tested-by: Richard Haeser <richard@richardhaeser.com>
Reviewed-by: Richard Haeser <richard@richardhaeser.com>

Revision 9b651087 - 2021-04-23 08:34 - Markus Klein

[BUGFIX] Include IP in authentication logs

Logs written via the logging API now include the correct
remote address instead of the marker ###IP###.

Additionally, some actions were logged twice, this is
streamlined.

Resolves: #93693
Resolves: #93943
Releases: master, 10.4, 9.5
Change-Id: I7d420046f5cff605383ce330784821644d9b9fac
Reviewed-on: https://review.typo3.org/c/Packages/TYPO3.CMS/+/68801
Tested-by: TYPO3com <noreply@typo3.com>
Tested-by: core-ci <typo3@b13.com>
Tested-by: Richard Haeser <richard@richardhaeser.com>
Reviewed-by: Torben Hansen <derhansen@gmail.com>
Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>
Reviewed-by: Richard Haeser <richard@richardhaeser.com>

History

#1 - 2021-03-10 09:48 - Markus Klein

This is actually on purpose.
The same log message is written to the sys_log table where the IP is a dedicated DB field.
This is done to have the possibility to perform GDPR related operations on the IPs.

#2 - 2021-03-10 09:59 - Torben Hansen

Not being able to log the IP address of failed logins to dedicated logfiles makes it impossible to e.g. use fail2ban to block such requests efficiently.
Since the mentioned logging would only be created on purpose when the site admin configures it, I see the responsability on the admins side to take
care of GDPR requirements.

#3 - 2021-03-10 10:23 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/68304

#4 - 2021-03-11 13:04 - Gerrit Code Review

Patch set 1 for branch **10.4** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at https://review.typo3.org/c/Packages/TYPO3.CMS/+/68320

#5 - 2021-03-11 13:11 - Markus Klein

- Status changed from Under Review to Resolved

- % Done changed from 0 to 100

Applied in changeset [dc5401179713b0c8248277f772770b2fc66ba801](#).

#6 - 2021-04-19 09:30 - Markus Klein

- Related to Bug #93943: AuthenticationService Loging added

#7 - 2021-04-19 10:48 - Gerrit Code Review

- Status changed from Resolved to Under Review

Patch set 1 for branch **9.5** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at [https://review.typo3.org/c/Packages/TYPO3.CMS/+/68801](#)

#8 - 2021-04-19 10:48 - Gerrit Code Review

Patch set 2 for branch **9.5** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at [https://review.typo3.org/c/Packages/TYPO3.CMS/+/68801](#)

#9 - 2021-04-23 08:40 - Markus Klein

- Status changed from Under Review to Resolved

Applied in changeset [9b651087b57a050ad2c9da2e1cfb7947ea6446f3](#).

#10 - 2021-05-11 16:00 - Benni Mack

- Status changed from Resolved to Closed