Stored Cross Site Scripting (XSS) via "properties" during creating new users in pimcore/pimcore

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Valid Reported on Sep 6th 2022

Description

From demo url > login > click people icon at the left bar > click "Customers" > Click "New Customer" button from page > Fill up the "Edit" tab > Click "Save" button above > Click "Properties" tab > From "Add a custom Property" field , add "Test" on the first field > Click and select "text" on the second field > Click "+" button at the right of the field > On the table, click the key field to edit and add payload below:

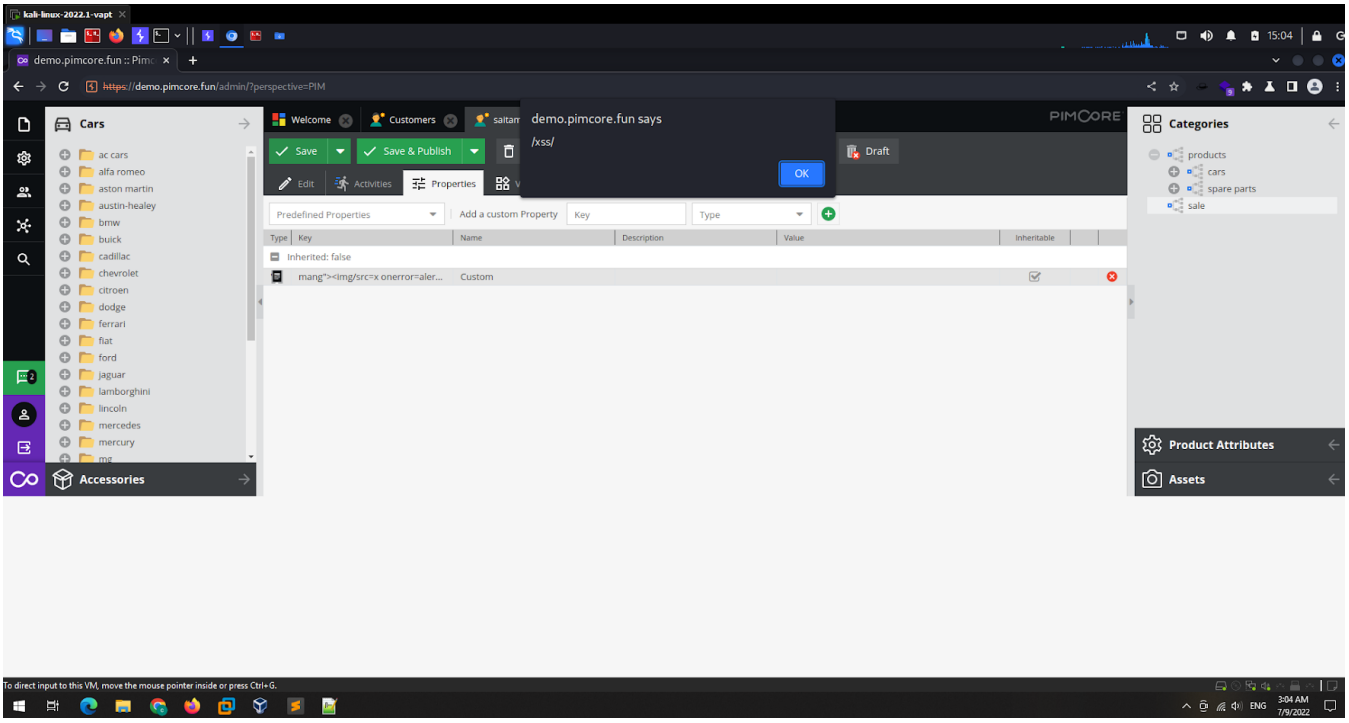
```
mang"><img/src=x onerror=alert(/xss/)>
```

Then the XSS will triggered once the click any place in page.

Video Proof of Concept(PoC)

```
https://drive.google.com/file/d/1sfuiGp_c0AqBth55aR5tEdmVNka_BG0x/view?usp=
```

Image PoC



Impact

This vulnerability allows attackers to hijack the user's current session, steal relevant information, deface website or direct users to malicious websites and allows attacker to use for further exploitation.

Occurrences

UserController.php L277-L385

CVE
CVE-2022-3211
(Published)

Vulnerability Type
CWE-79: Cross-site Scripting (XSS) - Stored

Severity
Medium (5.8)

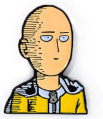
Registry
Other

Affected Version
10.5.5

Visibility
Public

Status
Fixed

Found by



Saitamang
@saitamang
unranked

Fixed by

Divesh Pahuja
@dvesh3
maintainer

This report was seen 765 times.

We are processing your report and will contact the **pimcore** team within 24 hours. 3 months ago

Saitamang modified the report 3 months ago

We have contacted a member of the **pimcore** team and are waiting to hear back 3 months ago

A **pimcore/pimcore** maintainer has acknowledged this report 3 months ago

Divesh Pahuja modified the Severity from High (7.7) to Medium (5.8) 2 months ago

The researcher has received a minor penalty to their credibility for miscalculating the severity: -1

Divesh Pahuja validated this vulnerability 2 months ago

Saitamang has been awarded the disclosure bounty ✔

The fix bounty is now up for grabs

The researcher's credibility has increased: +7

Divesh Pahuja marked this as fixed in **10.5.6** with commit **0508c4** 2 months ago

Divesh Pahuja has been awarded the fix bounty ✔

This vulnerability will not receive a CVE ✘

UserController.php#L277-L385 has been validated ✔

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