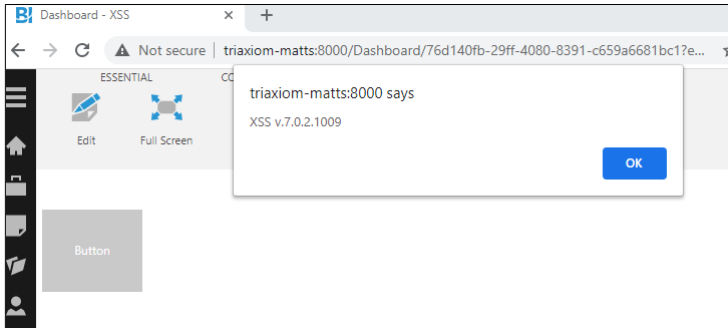


SCHMIDT HAPPENS – INFOSEC BLOG

Blog about my experience and journey in InfoSec.

CVE-2020-28408 & CVE-2020-28409 – MULTIPLE PERSISTENT XSS DISCOVERED IN DUNDAS BI SERVER

POSTED ON NOVEMBER 10, 2020 BY RUMHAM



Content here will be expanded on upon later, for now this serves as a quick description and write-up.

Overview

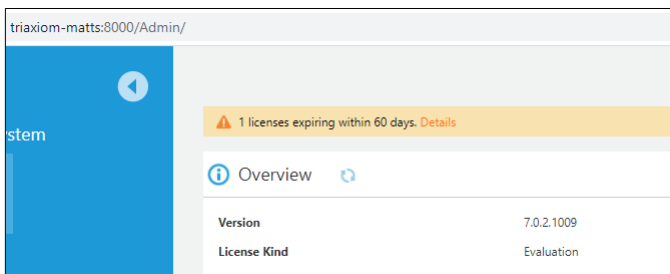
Dundas BI server has two stable release versions available for download for customers. Version 7.0.2.1009 and Version 8.0.0.1001. Both product versions contain persistent cross-site scripting (XSS) vulnerabilities in the same location.

Version 7.0.2.1009

HTML Label

An authenticated attacker may insert malicious Javascript code in an HTML label when creating or editing a dashboard. To do this:

1. User must be authenticated and have proper permissions to edit or create a dashboard.
2. In the dashboard editing screen, click on Components and select "HTML Label".
3. Insert code. PoC: `<script>alert('XSS')</script>`.



Version 7.0.2.1009

ABOUT ME



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Penetration Tester
B.S. Information Technology
OSCP, eWPT, eJPT, Security+

RECENT POSTS

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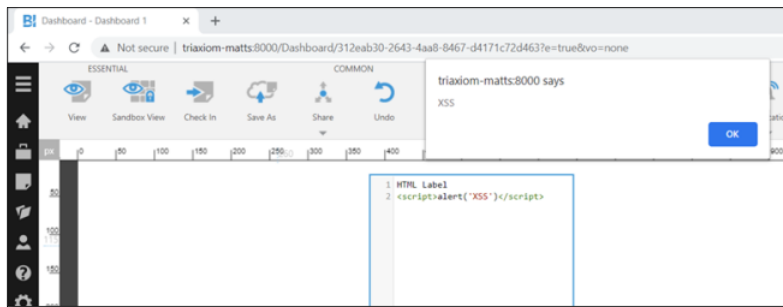
December 2019

July 2019

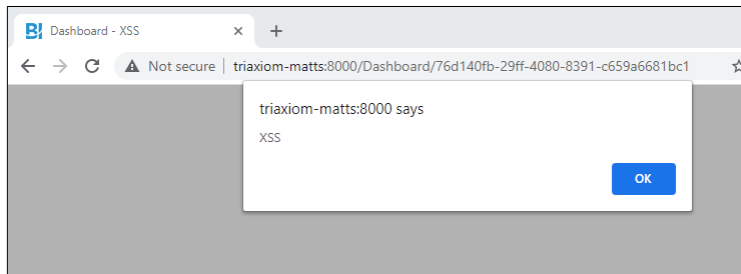
June 2019

May 2019

April 2019



XSS will immediately execute after clicking out of label editor.



View from dashboard as any user.

March 2019

January 2019

November 2018

CATEGORIES

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CTF

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Meetup

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Non-Technical

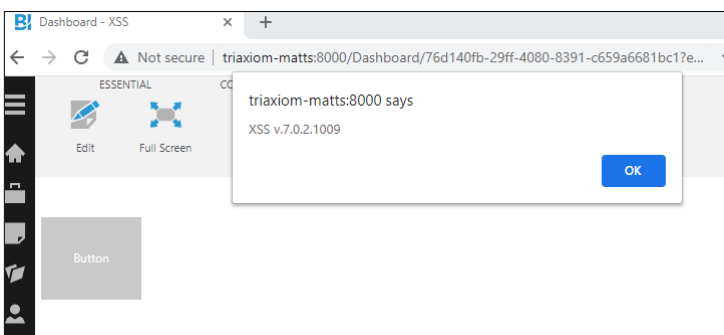
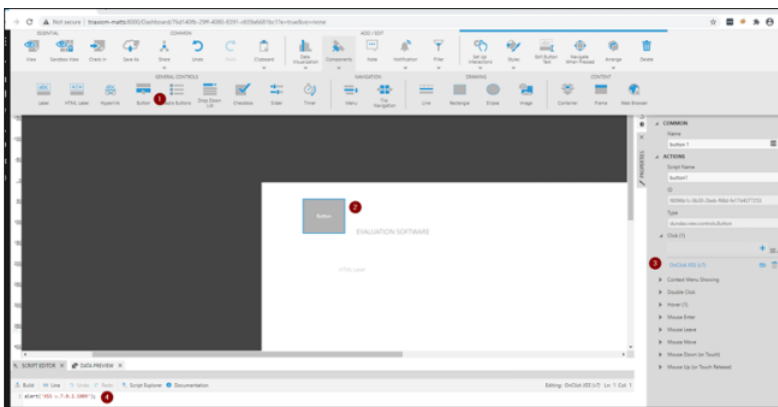
Tutorial

Uncategorized

Web Applications

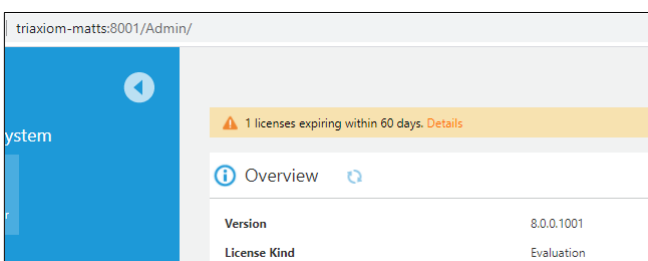
Writeup

Button XSS



Version 8.0.0.1001

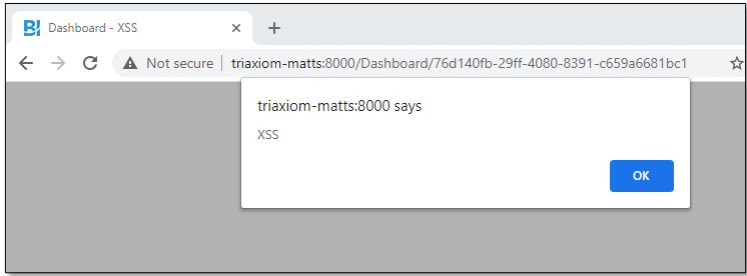
The same vulnerabilities exists within the latest deployment of Dundas.



HTML Label XSS



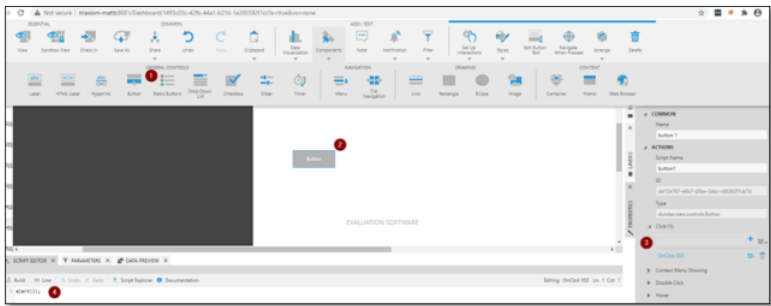
Version 8.0.0.1001 PoC



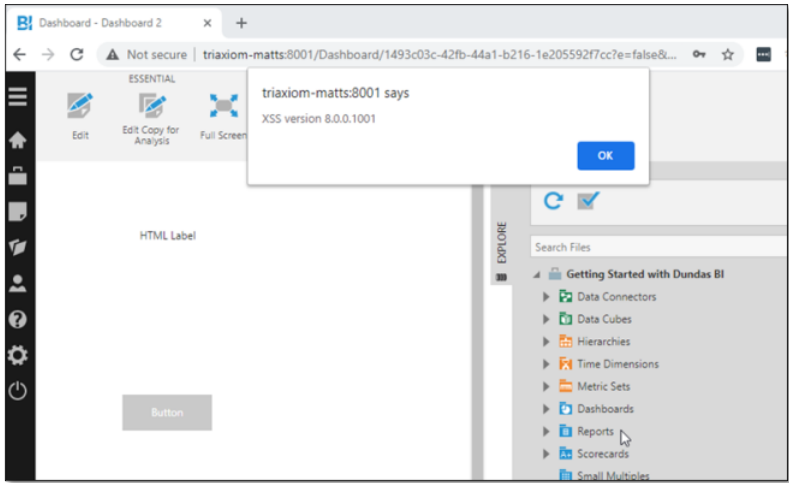
Version 8.0.0.1001 XSS executing

Button XSS

- 1. Click Components and add a button.
- 2. Select the button.
- 3. Click properties and select Click (or another action such as "Double Click," "hover", etc.)
- 4. Insert script and click "Build".



Button XSS.



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