

## XML Signature Wrapping Attacks

In 2012, researchers identified a number of attacks on the verification of XML signatures over SAML messages or SAML assertions.

<http://www.nds.rub.de/media/nds/veroeffentlichungen/2012/08/03/BreakingSAML.pdf>

The SAML v1.1 component prior to version 1.9.0.12 and the SAML v2.0 component prior to version 2.4.0.11 are vulnerable to some of these attacks.

Version 1.9.0.12 of the SAML v1.1 component and version 2.4.0.11 of the SAML v2.0 component, both released in August 2012, remove these vulnerabilities.

Earlier versions of the SAML components should be replaced with these or later versions.