LAYER SEVEN SECURITY

ADVISORY

SAP Security Notes

December 2018

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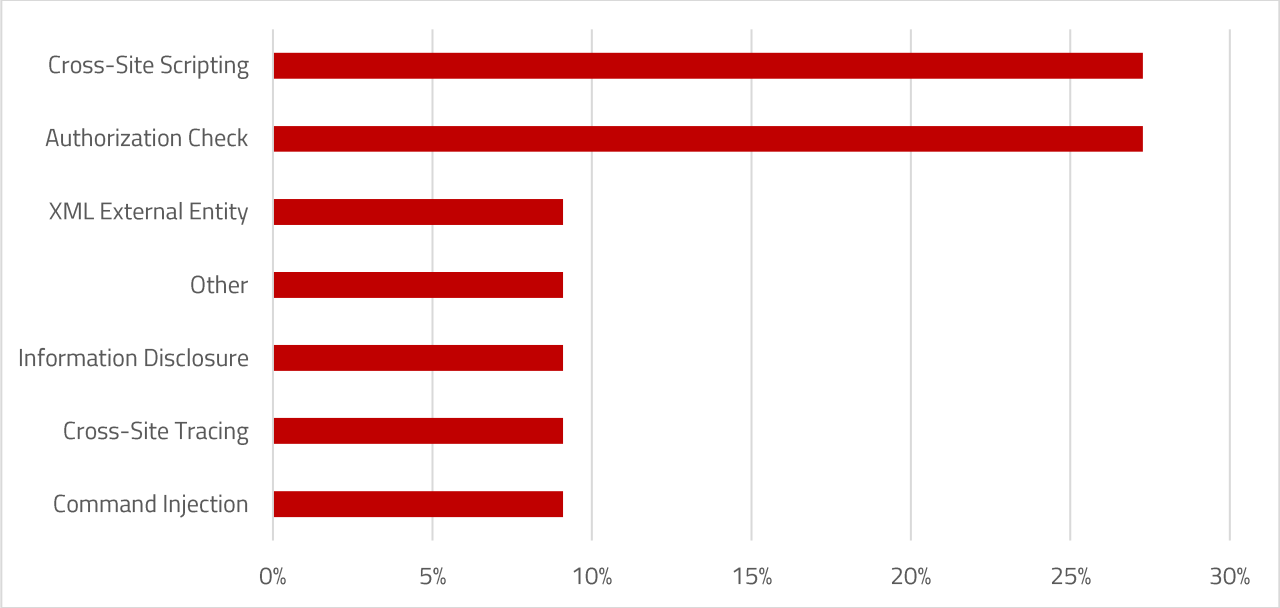
Hot News Note 2711425 patches a critical Cross-Site Scripting (XSS) vulnerability in SAP Hybris Commerce storefronts. The vulnerability could be exploited by attackers to modify web content and compromise user-related authentication data. It affects versions 6.2 through 6.7 and 18.08 of SAP Hybris Commerce, including all but the latest patch releases. The vulnerability carries a CVSS v3.0 base score of 9.3/10 and scores particularly high in terms of impact to confidentiality and integrity. The related exploit is relatively non-complex and does not require any privileges in the target system. In addition to applying the automated updates referenced in Note 2711425, manual steps may be required to remove the vulnerability in cases where custom HTTP headers are used for caching, SAP Hybris Commerce is positioned behind a HTTP reverse proxy or load balancer, or the system is used in conjunction with a content delivery network (CDN).

Note 2642680 deals with a high-risk XML External Entity (XXE) vulnerability in SAP NetWeaver Application Server Java (AS Java) caused by missing validation for XML documents received from untrusted sources. The vulnerability could lead to the compromise of the SAP file system or enable attackers to provoke a denial of service.



SAP Security Notes by Vulnerability Type

Note 2658279 patches an insufficient authorization check impacting the AS Java keystore service.

Note 2698996 removes a missing authorization check in SAP Customizing Tools. The note introduces a check for object S_RFC_ADM to prevent an escalation of privileges.

Appendix: SAP Security Notes, December 2018

PRIORITY	NOTE	AREA	DESCRIPTION
HOT NEWS	2711425	CEC-COM-CPS-CKP	[CVE-2018-2505] Cross-Site Scripting (XSS) vulnerability in SAP Hybris Commerce storefronts
HIGH	2642680	BC-JAS-SEC-LGN	[CVE-2018-2492] Missing XML Validation in SAP NetWeaver AS Java
HIGH	2698996	BC-CUS-TOL-CST	[CVE-2018-2494] Missing Authorization check in SAP Customizing Tools
HIGH	2658279	BC-JAS-SEC	[CVE-2018-2503] Wrong default authorizations in AS Java keystore service
MEDIUM	1610734	AP-MD-BP	Missing authorization check in Application Platform MD-BP
MEDIUM	2561202	BI-RA-WBI-BE-DP	Command Injection through Web Intelligence Report or DataProvider export
MEDIUM	2680492	SBO-CRO-SEC	[CVE-2018-2502] Insecure HTTP Method Enabled in SAP Business One Service Layer
MEDIUM	2718993	BC-JAS-WEB	[CVE-2018-2504] Cross-Site Scripting using host header in SAP NetWeaver AS Java
MEDIUM	2707024	MOB-AFA-DEV	[CVE-2018-2500] Information Disclosure in Mobile Secure Android client
MEDIUM	2705204	CEC-MKT-MEM	[CVE-2018-2486] Cross-Site Scripting (XSS) vulnerability in SAP Marketing Content Studio
LOW	2704878	HAN-DB-SEC	[CVE-2018-2497] Event not logged in SAP HANA database audit log

LAYER SEVEN SECURITY

Layer Seven Security secure, patch and monitor SAP systems against cyber threats using SAP Solution Manager. Layer Seven's innovative and patent-pending Cybersecurity Extension for Solution Manager extends the capabilities of Solution Manager for advanced vulnerability management, threat detection and incident response.

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