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SOFTWARE®

VULNERABILITY UPDATE
August 2016 – October 2016

IN THIS ISSUE

- **Definition of the Top 20:** The Top 20 are the 20 products with the most vulnerabilities in the specified month, out of the more than 50,000 products verified by Secunia Research at Flexera Software, and recorded in the Vulnerability Database.

  The Secunia ID (SAID) identifies the advisory. Secunia Advisories cover vulnerabilities announced for all types of programs and operating systems.

Total number of new vulnerabilities in the Top 20* over the three month period: **2,162**	Vendor with most vulnerable products in the three month period: **IBM®**	Product with the most vulnerabilities: **Avant Browser**

1

Security Products Are Among The Most Vulnerable:

This month's report underscores the reality that no software is free of risk from software vulnerabilities – not even security applications. In August, September and/or October, of the 46 products appearing at least once in the list of top 20 products with the most vulnerabilities 11 were security related products from vendors such as AlienVault, IBM, Juniper, McAfee, Palo Alto and Splunk. Many of the vulnerabilities in these security products are actually vulnerabilities discovered in open source or third-party components embedded within them. This highlights how important it is that software producers understand the third-party components used in their products and the vulnerabilities associated with them. All producers – including those that develop security software – must act quickly to patch vulnerable components and inform customers, in order avoid exposing them to the risk of exploitation of those vulnerabilities. This was reinforced when Forrester released a **report** in October, 2016, "Your Security Products Aren't Secure," which **highlighted** recent vulnerabilities found in security products and provided recommendations.

2

The Risk of the Commonplace: Web Browsers & PDF Readers as Attack Vectors:

Some software products are used so ubiquitously that hackers view them as attractive candidates for attack. Web browsers and PDF readers fall into this category – and rightly so. The data from this month's report reminds us that commonly used browsers and PDF readers – commonly have software vulnerabilities, which can be exploited as attack vectors by hackers. So all applications must be patched – not only the most common ones, but all of those present on users' machines and in their environments. To illustrate the point, in August, September and/or October 46 products appeared at least once in the list of top 20 products with the most vulnerabilities. Seven of those products were either web browsers (Apple Safari, Avant Browser, Cyberfox, Google Chrome, Mozilla Firefox) or PDF readers (Adobe Reader and Foxit Phantom PDF).

August 2016

ID	VULNS	PRODUCT
16168	91	Splunk
1352	81	Avant Browser
35588	38	IBM Connections
26301	19	PAN-OS
37145	49	IBM Security Network Protection
31058	45	Hancom Office SE
55175	45	IBM Flex System Manager Node (FSM)
6877	41	Foxit Phantom PDF
29973	37	Xerox FreeFlow Print Server
26493	37	phpMyAdmin
12666	26	Mozilla Firefox
10179	17	IBM WebSphere Portal
55842	33	AlienVault Unified Security Management (USM)
26234	33	OSSIM (AlienVault Open Source SIM)
56535	32	IBM Security Identity Manager
55991	31	IBM SmartCloud Entry
56970	31	IBM Cloud Manager with OpenStack
34344	25	Cyberfox
9498	18	HP NonStop Server
60940	16	IBM Security Access Manager

September 2016

ID	VULNS	PRODUCT
55991	98	IBM SmartCloud Entry
2372	74	Apple Macintosh OS X
1352	59	Avant Browser
1674	26	Adobe Flash Player
59215	45	Microsoft Windows 10
24179	45	Google Chrome
36174	44	Microsoft Windows Server 2012
33724	44	Microsoft Windows 8
56872	41	IBM PowerKVM
38138	39	Microsoft Windows RT
57391	30	Apple iOS
12666	21	Mozilla Firefox
35487	24	Zimbra Collaboration Server
919	23	Apple Safari
60940	22	IBM Security Access Manager
34550	8	IBM Storwize
32272	8	IBM System Storage SAN Volume Controller
56799	21	IBM Security Access Manager for Mobile
10123	12	IBM DB2
25478	20	Microsoft Exchange Server

October 2016

ID	VULNS	PRODUCT
46779	74	Adobe Reader
411	74	Adobe Acrobat
56872	57	IBM PowerKVM
26301	25	PAN-OS
55842	51	AlienVault Unified Security Management (USM)
26234	51	OSSIM (AlienVault Open Source SIM)
12789	36	MySQL
59215	33	Microsoft Windows 10
33724	32	Microsoft Windows 8
38138	32	Microsoft Windows RT
56918	31	Juniper Junos OS
55175	31	IBM Flex System Manager Node (FSM)
36174	31	Microsoft Windows Server 2012
29055	11	MariaDB
8702	23	IBM InfoSphere Information Server
10453	25	McAfee Web Gateway
1352	24	Avant Browser
13735	24	Oracle VirtualBox
15594	24	Oracle E-Business Suite
30393	24	Juniper Network and Security Manager

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Disclaimer: The data in this report is a snapshot. Because Flexera Software Advisories are updated continuously, as new information becomes available, data in snapshots taken on different dates may vary.