

Home Files News About Contact &[SERVICES_TAB]

Add New

Search .

Pentaho Business Analytics / Pentaho Business Server 9.1 SQL Injection

Pentaho allows users to create and manage Data Sources. Users can select a Data Source when creating a Dashboard through the Pentaho User Console. When a Data Source is added, Pentaho makes a HTTP request to the dashboards editor (/pentaho/api/repos/dashboards/editor) in order to test the connection by executing a test SQL query. However, further examination revealed that by utilizing CVE-2021-31602, an authentication bypass of Spring APIs, it is possible for an unauthenticated user to execute arbitrary SQL queries on any Pentaho datasource and thus retrieve data from the related databases.

tags | exploit, web, arbitrary, sql injection advisories | CVE-2021-31602, CVE-2021-34684 SHA-256 | aafd5de6352edfc97e93496f171ced94b49f52a6817c483a7aec6ee26649a0e9 | **Download | Favorite | View**

Related Files

Share This

Lik€

LinkedIn TWAS

Reddit

Digg StumbleUpon

Change Mirror	Download
Product: Pentaho Business Analytics / Pentaho Business Server Vendor / Manufacturer: Hitachi Vantara Affected Version(s): < = 9. 1 Vulnerability Type: Unauthenticated SQL Injection Solution Status: Fix Released on public GitHub repository Manufacturer Notification: June 2021 Public Disclosure: 01 November 2021 CVE Reference: CVE-2021-34684 Author(s) of Advisory: Alberto Favero (HawSec) & Altion Malka	
+++	
Product Description:	
Pentaho is business intelligence (BI) software that provides data integration, OLAP services, reporting, information dashboards, data mining and extract, transform, load (ETL) capabilities. Its headquarters are in Orlando, Florida. Pentaho was acquired by Mitachi Data Systems in 2015 and in 2017 became part of Hitachi Vantara.	
(Source: https://en.wikipedia.org/wiki/Pentaho)	
+++ +++	
Vulnerability Details:	
Pentaho allows users to create and manage Data Sources. Users can select a Data Source when creating a Dashboard through the Pentaho User Console. When a Data Source is added, Pentaho makes a HTTP request to the dashboards editor (/pentaho/api/repos/dashboards/editor) in order to test the connection by executing a test SQL query. However, further examination connection by executing a test SQL query. However, further examination and the square of	
+++ +++	
Proof of Concept (PoC):	
See Ginger (https://github.com/HawSec/ginger)	
order sqlmap -u "http://localhost:8080/pentaho/api/repos/dashboards/editor? http://localhost:8080/pentaho/api/repos/dashboards/editor? command-executeQuery/ddatasource-pentaho_operations_martEquery="frequire-cfg.js"dbsdbms-postgraqq"	
+++ +++	
Credits:	
This vulnerability was discovered by Alberto Favero & Altion Malka	
111 111	
 BlackHawk - hawkqotyou@qmail.com	
Experientia senum, agilitas iuvenum.	
axperiencia senum, agiitas luvenum. Adversa fortiter. Dubia prudenter.	

Login or Register to add favorites

E	Follow us on Twitter
<u>v</u>	Subscribe to an RSS Feed

Su	Мо	Tu	We	Th	Fr
Sa					
				1	2
3					
4	5	6	7	8	9
10					
11	12	13	14	15	16
17					
18	19	20	21	22	23
24					
25	26	27	28	29	30
31					

Red Hat 157 files Ubuntu 76 files LiquidWorm 23 files Debian 21 files nu11secur1ty 11 files Gentoo 9 files Google Security Research 8 files Julien Ahrens 4 files T. Weber 4 files

File Tags File Archives ActiveX (932) December 2022 Advisory (79,754) Arbitrary (15,694) October 2022 BBS (2.859) September 2022 August 2022 Bypass (1,619) CGI (1,018) July 2022 Code Execution (6,926) June 2022 Conference (673) May 2022 Cracker (840) April 2022 CSRF (3,290) March 2022 DoS (22.602) February 2022 Encryption (2,349) January 2022 Exploit (50,359) Older File Inclusion (4,165) File Upload (946) Systems Firewall (821) AIX (426)

Info Disclosure (2,660) Apple (1,926) Intrusion Detection (867) BSD (370) Java (2,899) CentOS (55) JavaScript (821) Cisco (1.917) Kernel (6,291) Debian (6,634) Local (14,201) Magazine (586) FreeBSD (1.242) Gentoo (4.272) Perl (1.418) PHP (5.093) iOS (330) Proof of Concept (2,291) iPhone (108) Protocol (3,435) IRIX (220) Python (1.467) Juniper (67) Remote (30,044) Linux (44,315) Mac OS X (684) Ruby (594) Mandriva (3.105) Scanner (1.631) Security Tool (7,777) OpenBSD (479) Shell (3,103) RedHat (12 469) Shellcode (1,204) Slackware (941) Sniffer (886) Solaris (1,607)

Spoof (2,166) SUSE (1,444) SQL Injection (16,102) Ubuntu (8,199) TCP (2,379) UNIX (9,159) Trojan (686) UnixWare (185) UDP (876) Windows (6,511) Virus (662) Other Vulnerability (31,136) Web (9,365) Whitepaper (3,729)



x86 (946) XSS (17,494)

Site Links About Us

News by Month History & Purpose Contact Information News Tags

Files by Month Terms of Service File Tags
File Directory Privacy Statement

Copyright Information

Hosting By Rokasec

Follow us on Twitter

