CVE-2019-5591

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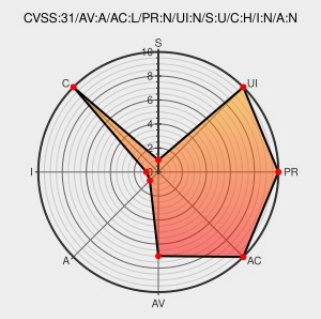
CVE-2019-5591

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Fortios from Fortinet contain the following vulnerability:

A Default Configuration vulnerability in FortiOS may allow an unauthenticated attacker on the same subnet to intercept sensitive information by impersonating the LDAP server.

CVE-2019-5591 has been assigned by psirt@fortinet.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Fortinet** - **Fortinet FortiOS** version **FortiOS 6.2.0 and below.**

CVSS3 Score: 6.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: 3.3 - LOW

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
FortiGate default configuration does not verify the LDAP server identity. | FortiGuard	www.fortiguard.com text/html	CONFIRM www.fortiguard.com/psirt/FG-IR-19-037

FortiGate default configuration does not verify the LDAP server identity. | FortiGuard

Vendor Advisory
fortiguard.com
text/html

CONFIRM fortiguard.com/advisory/FG-IR-19-037

Related QID Numbers

43825 Fortigate FortiOS Default Configuration(FG-IR-19-037)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fortinet	Fortios	All	All	All	All

cpe:2.3:o:fortinet:fortios:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@LindseyOD123	APT actors are actively exploiting known #Fortinet FortiOS flaws CVE-2018-13379, CVE-2020-12812, and CVE-2019-5591,… twitter.com/i/web/status/1…	2021-04-02 16:57:45
@campuscodi	The three FortiOS vulnerabilities are: -CVE 2018-13379 (because obviously) -CVE-2020-12812 ? -CVE-2019-5591 ? https://t.co/aFptwHBbXR	2021-04-02 17:16:42
@hiramcoop	FBI and CISA warn of state hackers attacking Fortinet FortiOS servers CVE-2018-13379, CVE-2020-12812, CVE-2019-5591. bleepingcomputer.com/news/security/…	2021-04-02 19:13:10
@ItsKarl0z	@CISAgov @FBI vulnerabilities CVE-2018-13379, CVE-2020-12812, and CVE-2019-5591	2021-04-02 19:34:53
@ipssignatures	I know no IPS that has a protection/signature/rule for the vulnerability CVE-2019-5591. The vuln was published 231… twitter.com/i/web/status/1…	2021-04-02 23:04:00
@ipssignatures	The vuln CVE-2019-5591 has a tweet created 0 days ago and retweeted 7 times. twitter.com/campuscodi/sta… #Srgk4slfngofaa	2021-04-02 23:04:00
@holisticinfosec	APT actors actively exploiting known Fortinet FortiOS vulns CVE-2018-13379, CVE-2020-12812, & CVE-2019-5591. May us… twitter.com/i/web/status/1…	2021-04-03 02:26:37
@ipssignatures	The vuln CVE-2019-5591 has a tweet created 0 days ago and retweeted 10 times. twitter.com/campuscodi/sta… #pow1rtrtwwcve	2021-04-03 03:06:00
@Har_sia	CVE-2019-5591 har-sia.info/CVE-2019-5591.… #HarsiaInfo	2021-04-03 18:25:02
@twelvesec	#Hackers are using 3 #cybersecurity #vulnerabilities (CVE-2018-13379, CVE-2019-5591, CVE-2020-12812) found in the F… twitter.com/i/web/status/1…	2021-04-05 13:44:02
@Attackerkb_Bot	A new #attackerkb assesment on 'CVE-2019-5591' has been created by ccondon-r7. Attacker Value: 0 | Exploitability: 0 attackerkb.com/assessments/d1…	2021-04-05 14:19:39

@onuroktay	FBI, Rus ve Çin'li hackerlerin FortiGate'in CVE-2018-13379, CVE-2019-5591 and CVE-2020-12812 açıklıklarını kullanar… twitter.com/i/web/status/1…	2021-04-06 05:29:52
@CSTOOL_io	Unpatched @Fortinet vulnerabilities are actively being exploited by attackers: attacksrfc.cstool.io/cve/CVE-2019-5… #fortiOS #CyberSecurity	2021-04-06 06:42:14
@foxbook	FBIの4/2アラートです。CVE-2018-13379、CVE-2020-12812、CVE-2019-5591の脆弱性がAPT攻撃者（ランサムオペレータ）によって探されているとの内容です。「APT Actors Explo… twitter.com/i/web/status/1…	2021-04-08 20:27:59
@_GrimSqueaker_	tenable.com/blog/cve-2018-… @TenableSecurity #TenableResearch	2021-04-08 22:23:16
@ka0com	CVE-2018-13379, CVE-2019-5591, CVE-2020-12812: Fortinet Vulnerabilities Targeted by APT Actors - tenable.com/blog/cve-2018-…	2021-04-08 23:13:04
@Michal_Jarski	CVE-2018-13379, CVE-2019-5591, CVE-2020-12812: Fortinet Vulnerabilities Targeted by APT Actors ow.ly/jbrS102FCac	2021-04-09 10:19:06
@Art_Capella	CVE-2018-13379, CVE-2019-5591, CVE-2020-12812: Fortinet Vulnerabilities Targeted by APT Actors ow.ly/gT6B102FEfE	2021-04-09 13:11:24
@stuart_smiles	Fortinet patch advice from NCSC ncsc.gov.uk/news/critical-… Cve-2018-13379 cve-2020-12812 cve-2019-5591 Patch patch patch.	2021-04-09 15:09:31
@Har_sia	CVE-2019-5591 har-sia.info/CVE-2019-5591.… #HarsiaInfo	2021-04-09 18:31:04
@intrasecure	CVE-2018-13379, CVE-2019-5591, CVE-2020-12812: Fortinet Vulnerabilities Targeted by APT Actors bit.ly/3tcWpB8	2021-04-12 19:15:01
@dansantanna	CVE-2018-13379, CVE-2019-5591, CVE-2020-12812: Fortinet Vulnerabilities Targeted by APT Actors ow.ly/IFRF102GrmQ	2021-04-13 01:05:03
@AlicePintori	CVE-2018-13379, CVE-2019-5591, CVE-2020-12812: Fortinet Vulnerabilities Targeted by APT Actors ow.ly/zJRm102I3se	2021-04-26 11:39:14
@bishopfox	ICYMI: Three #CVEs affecting #Fortinet are again being targeted by attackers: CVE-2020-12812, CVE-2019-5591, and CV… twitter.com/i/web/status/1…	2021-05-09 23:54:59
@c3rb3ru5d3d53c	CVE-2020-12812 and CVE-2019-5591 #exploits, no public #PoC, no detection in ETPro. And people wonder why they are g… twitter.com/i/web/status/1…	2021-05-27 18:15:38
@uuallan	The vulnerabilities being exploited are tracked as CVE 2018-13379, CVE-2020-12812, and CVE-2019-5591. Note: none o… twitter.com/i/web/status/1…	2021-05-27 19:08:19
@ipssignatures	The vuln CVE-2019-5591 has a tweet created 0 days ago and retweeted 11 times. twitter.com/uuallan/status… #pow1rtrtwwcve	2021-05-27 23:06:00
@KathleenRytman	CVE-2018-13379, CVE-2020-12812, and CVE-2019-5591 are being exploited. Each of these vulnerabilities is known and p… twitter.com/i/web/status/1…	2021-05-28 21:17:54
@HAL_CSIRT	【FBIが「フォーティネット製品の脆弱性を利用したハッカーが地方自治体のサーバーを侵害した」と発表】・CVE-2018-13379 ・CVE-2020-12812 ・CVE-2019-5591 ・被害者の運用する内部ネットワーク… twitter.com/i/web/status/1…	2021-05-30 13:34:26
@g_yotuya	お、5.6.14で色々治ってる。 539962 no longer vulnerable to the following CVE Reference: I CVE-2019-5591 558685 no longer vulne… twitter.com/i/web/status/1…	2021-09-21 02:54:51
@asharam_maskare	3. Fortinet FortiGate SSL VPN: CVE-2018-13379, CVE-2020-12812, CVE-2019-5591 #Fortinet	2021-11-11 05:31:52
@catnap707	“2021年3月から「FortiOS」における既知の脆弱性（CVE-2018-13379、CVE-2020-12812、CVE-2019-5591）を、同年10月からはExchange Serverの脆弱性「ProxyShell」… twitter.com/i/web/status/1…	2021-11-19 00:19:57
@housu_jp	CVE-2018-13379, CVE-2019-5591, CVE-2020-12812: Fortinet Vulnerabilities Targeted by APT Actors tenable.com/blog/cve-2018-…	2022-09-26 21:19:13

/r/cybersecurity	[FBI/CISA] APT Actors Exploit Vulnerabilities to Gain Initial Access for Future Attack - FortiNet/FortiOS - scanning devices on ports 4443, 8443, and 10443 for CVE-2018-13379, and enumerated devices for CVE-2020-12812 and CVE-2019-5591	2021-04-03 08:17:23
/r/blueteamsec	[FBI/CISA] APT Actors Exploit Vulnerabilities to Gain Initial Access for Future Attack - FortiNet/FortiOS - scanning devices on ports 4443, 8443, and 10443 for CVE-2018-13379, and enumerated devices for CVE-2020-12812 and CVE-2019-5591	2021-04-03 08:14:47
/r/netsec	[FBI/CISA] APT Actors Exploit Vulnerabilities to Gain Initial Access for Future Attack - FortiNet/FortiOS - scanning devices on ports 4443, 8443, and 10443 for CVE-2018-13379, and enumerated devices for CVE-2020-12812 and CVE-2019-5591	2021-04-03 08:28:51
/r/sysadmin	Update FortiOS as soon as possible: FBI, CISA warn Fortinet FortiOS vulnerabilities are being actively exploited -- APT groups are suspected of harnessing three bugs, two critical, for data exfiltration purposes.	2021-04-06 18:38:15
/r/u/CyberHoot	CISA's Top Vulnerabilities in 2020 and 2021 - CyberHoot	2021-08-03 16:45:38

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