# CVE Detail – CVE-2022-29330

Missing access control in the backup system of Telesoft VitalPBX before 3.2.1 allows attackers to access the PJSIP and SIP extension credentials, cryptographic keys and voicemails files via unspecified vectors.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## EPSS

EPSS Score: N/A

Percentile: 0.55754

## CVSS Scoring

CVSS v3.1 Score: 4.9

Severity: MEDIUM

## Mapped CWE(s)

* CWE-330: Use of Insufficiently Random Values

## CAPEC(s)

* CAPEC-112: Brute Force
* CAPEC-485: Signature Spoofing by Key Recreation
* CAPEC-59: Session Credential Falsification through Prediction

## ATT&CK Techniques

* T1552.004: Private Keys
* T1110: Brute Force

## Used By (Actors/Tools)

* Machete (malware)
* Mafalda (malware)
* Hildegard (malware)
* Chaos (malware)
* FoggyWeb (malware)
* Caterpillar WebShell (malware)
* Pysa (malware)
* Troll Stealer (malware)
* Ebury (malware)
* Kinsing (malware)
* QakBot (malware)
* jRAT (malware)
* AADInternals (tool)
* Empire (tool)
* PoshC2 (tool)
* Mimikatz (tool)
* CrackMapExec (tool)
* Operation Wocao (campaign)
* Dragonfly (intrusion-set)
* OilRig (intrusion-set)
* Fox Kitten (intrusion-set)
* SolarWinds Compromise (campaign)
* Turla (intrusion-set)
* Ember Bear (intrusion-set)
* TeamTNT (intrusion-set)
* APT28 (intrusion-set)
* HEXANE (intrusion-set)
* Volt Typhoon (intrusion-set)
* 2016 Ukraine Electric Power Attack (campaign)
* APT39 (intrusion-set)
* APT38 (intrusion-set)
* Operation Dream Job (campaign)
* DarkVishnya (intrusion-set)
* APT41 (intrusion-set)
* Rocke (intrusion-set)
* Scattered Spider (intrusion-set)
* Agrius (intrusion-set)
* FIN5 (intrusion-set)

## Affected Products

* cpe:2.3:a:vitalpbx:vitalpbx:\*:\*:\*:\*:\*:\*:\*:\*