# CVE Detail – CVE-2022-2820

Session Fixation in GitHub repository namelessmc/nameless prior to v2.0.2.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## EPSS

EPSS Score: N/A

Percentile: 0.23802

## CVSS Scoring

CVSS v3.1 Score: 7.0

Severity: HIGH

## Mapped CWE(s)

* CWE-384: Session Fixation

## CAPEC(s)

* CAPEC-196: Session Credential Falsification through Forging
* CAPEC-21: Exploitation of Trusted Identifiers
* CAPEC-31: Accessing/Intercepting/Modifying HTTP Cookies
* CAPEC-39: Manipulating Opaque Client-based Data Tokens
* CAPEC-59: Session Credential Falsification through Prediction
* CAPEC-60: Reusing Session IDs (aka Session Replay)
* CAPEC-61: Session Fixation

## ATT&CK Techniques

* T1539: Steal Web Session Cookie
* T1134.002: Create Process with Token
* T1134.001: Token Impersonation/Theft
* T1528: Steal Application Access Token
* T1134.003: Make and Impersonate Token
* T1606: Forge Web Credentials
* T1550.004: Web Session Cookie
* T1134: Access Token Manipulation

## Used By (Actors/Tools)

* Stuxnet (malware)
* Bankshot (malware)
* AppleSeed (malware)
* SslMM (malware)
* Aria-body (malware)
* Emotet (malware)
* BADHATCH (malware)
* Mafalda (malware)
* WhisperGate (malware)
* Okrum (malware)
* TRANSLATEXT (malware)
* Siloscape (malware)
* BlackCat (malware)
* Lumma Stealer (malware)
* Duqu (malware)
* Cuba (malware)
* DarkGate (malware)
* Hydraq (malware)
* Chaes (malware)
* EVILNUM (malware)
* Sagerunex (malware)
* Spica (malware)
* PipeMon (malware)
* KONNI (malware)
* Shamoon (malware)
* BLUELIGHT (malware)
* MegaCortex (malware)
* Grandoreiro (malware)
* Tarrask (malware)
* XLoader (malware)
* Ryuk (malware)
* HermeticWiper (malware)
* MgBot (malware)
* FinFisher (malware)
* Cobalt Strike (malware)
* REvil (malware)
* TajMahal (malware)
* Raccoon Stealer (malware)
* SUNSPOT (malware)
* ZxShell (malware)
* XCSSET (malware)
* KillDisk (malware)
* QakBot (malware)
* CookieMiner (malware)
* Gelsemium (malware)
* Azorult (malware)
* BitPaymer (malware)
* Sliver (tool)
* SILENTTRINITY (tool)
* PowerSploit (tool)
* AADInternals (tool)
* Empire (tool)
* PoshC2 (tool)
* Peirates (tool)
* Pupy (tool)
* LuminousMoth (intrusion-set)
* SolarWinds Compromise (campaign)
* Lazarus Group (intrusion-set)
* APT42 (intrusion-set)
* Sandworm Team (intrusion-set)
* Turla (intrusion-set)
* FIN6 (intrusion-set)
* APT28 (intrusion-set)
* APT29 (intrusion-set)
* Kimsuky (intrusion-set)
* FIN13 (intrusion-set)
* FIN8 (intrusion-set)
* Scattered Spider (intrusion-set)
* Blue Mockingbird (intrusion-set)
* BlackByte (intrusion-set)
* Leviathan Australian Intrusions (campaign)
* HomeLand Justice (campaign)
* C0017 (campaign)
* Lotus Blossom (intrusion-set)
* Evilnum (intrusion-set)
* Star Blizzard (intrusion-set)

## Affected Products

* cpe:2.3:a:namelessmc:nameless:\*:\*:\*:\*:\*:\*:\*:\*