# CVE Detail – CVE-2021-41232

Thunderdome is an open source agile planning poker tool in the theme of Battling for points. In affected versions there is an LDAP injection vulnerability which affects instances with LDAP authentication enabled. The provided username is not properly escaped. This issue has been patched in version 1.16.3. If users are unable to update they should disable the LDAP feature if in use.

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.64645

## CVSS Scoring

CVSS v3.1 Score: 8.1

Severity: HIGH

## Mapped CWE(s)

* CWE-116: Improper Encoding or Escaping of Output
* CWE-74: Improper Neutralization of Special Elements in Output Used by a Downstream Component ('Injection')
* CWE-90: Improper Neutralization of Special Elements used in an LDAP Query ('LDAP Injection')

## CAPEC(s)

* CAPEC-10: Buffer Overflow via Environment Variables
* CAPEC-101: Server Side Include (SSI) Injection
* CAPEC-104: Cross Zone Scripting
* CAPEC-105: HTTP Request Splitting
* CAPEC-108: Command Line Execution through SQL Injection
* CAPEC-120: Double Encoding
* CAPEC-13: Subverting Environment Variable Values
* CAPEC-135: Format String Injection
* CAPEC-136: LDAP Injection
* CAPEC-14: Client-side Injection-induced Buffer Overflow
* CAPEC-24: Filter Failure through Buffer Overflow
* CAPEC-250: XML Injection
* CAPEC-267: Leverage Alternate Encoding
* CAPEC-273: HTTP Response Smuggling
* CAPEC-28: Fuzzing
* CAPEC-3: Using Leading 'Ghost' Character Sequences to Bypass Input Filters
* CAPEC-34: HTTP Response Splitting
* CAPEC-42: MIME Conversion
* CAPEC-43: Exploiting Multiple Input Interpretation Layers
* CAPEC-45: Buffer Overflow via Symbolic Links
* CAPEC-46: Overflow Variables and Tags
* CAPEC-47: Buffer Overflow via Parameter Expansion
* CAPEC-51: Poison Web Service Registry
* CAPEC-52: Embedding NULL Bytes
* CAPEC-53: Postfix, Null Terminate, and Backslash
* CAPEC-6: Argument Injection
* CAPEC-64: Using Slashes and URL Encoding Combined to Bypass Validation Logic
* CAPEC-67: String Format Overflow in syslog()
* CAPEC-7: Blind SQL Injection
* CAPEC-71: Using Unicode Encoding to Bypass Validation Logic
* CAPEC-72: URL Encoding
* CAPEC-73: User-Controlled Filename
* CAPEC-76: Manipulating Web Input to File System Calls
* CAPEC-78: Using Escaped Slashes in Alternate Encoding
* CAPEC-79: Using Slashes in Alternate Encoding
* CAPEC-8: Buffer Overflow in an API Call
* CAPEC-80: Using UTF-8 Encoding to Bypass Validation Logic
* CAPEC-81: Web Server Logs Tampering
* CAPEC-83: XPath Injection
* CAPEC-84: XQuery Injection
* CAPEC-85: AJAX Footprinting
* CAPEC-9: Buffer Overflow in Local Command-Line Utilities

## ATT&CK Techniques

* T1574.007: Path Interception by PATH Environment Variable
* T1574.006: Dynamic Linker Hijacking
* T1562.003: Impair Command History Logging
* T1027: Obfuscated Files or Information

## Used By (Actors/Tools)

* TrickBot (malware)
* EKANS (malware)
* SynAck (malware)
* Bumblebee (malware)
* Amadey (malware)
* Orz (malware)
* NOKKI (malware)
* AvosLocker (malware)
* COATHANGER (malware)
* Sardonic (malware)
* Matryoshka (malware)
* Ecipekac (malware)
* AppleSeed (malware)
* BUSHWALK (malware)
* NETWIRE (malware)
* OLDBAIT (malware)
* TEARDROP (malware)
* Turian (malware)
* Action RAT (malware)
* Gootloader (malware)
* PolyglotDuke (malware)
* Hildegard (malware)
* SombRAT (malware)
* Snip3 (malware)
* RegDuke (malware)
* InvisiMole (malware)
* P.A.S. Webshell (malware)
* Line Dancer (malware)
* Conti (malware)
* Raspberry Robin (malware)
* Diavol (malware)
* Siloscape (malware)
* Kazuar (malware)
* CHIMNEYSWEEP (malware)
* FatDuke (malware)
* DRATzarus (malware)
* SHOTPUT (malware)
* Avaddon (malware)
* Conficker (malware)
* Flagpro (malware)
* Green Lambert (malware)
* ISMInjector (malware)
* PUNCHBUGGY (malware)
* POSHSPY (malware)
* MiniDuke (malware)
* Anchor (malware)
* DarkTortilla (malware)
* ROKRAT (malware)
* CORESHELL (malware)
* PlugX (malware)
* Lumma Stealer (malware)
* DustySky (malware)
* Epic (malware)
* Cuba (malware)
* Clambling (malware)
* DarkGate (malware)
* SVCReady (malware)
* Carbanak (malware)
* XTunnel (malware)
* Hydraq (malware)
* Saint Bot (malware)
* Bundlore (malware)
* Trojan.Karagany (malware)
* Shamoon (malware)
* BPFDoor (malware)
* OopsIE (malware)
* StreamEx (malware)
* BoxCaon (malware)
* NightClub (malware)
* SDBbot (malware)
* RTM (malware)
* SodaMaster (malware)
* StrelaStealer (malware)
* Drovorub (malware)
* Kobalos (malware)
* Ryuk (malware)
* Final1stspy (malware)
* FinFisher (malware)
* Cobalt Strike (malware)
* SUNBURST (malware)
* Valak (malware)
* Samurai (malware)
* PoisonIvy (malware)
* NanoCore (malware)
* TajMahal (malware)
* Daserf (malware)
* Carbon (malware)
* Pisloader (malware)
* Ramsay (malware)
* Pillowmint (malware)
* SUNSPOT (malware)
* BoomBox (malware)
* PUNCHTRACK (malware)
* InnaputRAT (malware)
* GrimAgent (malware)
* Lokibot (malware)
* PoetRAT (malware)
* CoinTicker (malware)
* Ebury (malware)
* Maze (malware)
* ComRAT (malware)
* PowerStallion (malware)
* JPIN (malware)
* HTTPBrowser (malware)
* XCSSET (malware)
* KillDisk (malware)
* AppleJeus (malware)
* SoreFang (malware)
* Industroyer (malware)
* Agent Tesla (malware)
* ECCENTRICBANDWAGON (malware)
* ShadowPad (malware)
* QakBot (malware)
* Hancitor (malware)
* jRAT (malware)
* Dridex (malware)
* Denis (malware)
* Comnie (malware)
* H1N1 (malware)
* SLOWPULSE (malware)
* ADVSTORESHELL (malware)
* HiddenWasp (malware)
* Small Sieve (malware)
* ShimRatReporter (tool)
* Sliver (tool)
* SILENTTRINITY (tool)
* PowerSploit (tool)
* Empire (tool)
* CARROTBALL (tool)
* Brute Ratel C4 (tool)
* Remcos (tool)
* Out1 (tool)
* Imminent Monitor (tool)
* MCMD (tool)
* ArcaneDoor (campaign)
* Aquatic Panda (intrusion-set)
* Earth Lusca (intrusion-set)
* Sandworm Team (intrusion-set)
* Ke3chang (intrusion-set)
* 2016 Ukraine Electric Power Attack (campaign)
* APT38 (intrusion-set)
* BackdoorDiplomacy (intrusion-set)
* Kimsuky (intrusion-set)
* Mustang Panda (intrusion-set)
* APT37 (intrusion-set)
* APT41 (intrusion-set)
* GALLIUM (intrusion-set)
* C0015 (campaign)
* Rocke (intrusion-set)
* RedCurl (intrusion-set)
* Windshift (intrusion-set)
* Gamaredon Group (intrusion-set)
* Sea Turtle (intrusion-set)
* Moonstone Sleet (intrusion-set)
* APT3 (intrusion-set)
* C0017 (campaign)
* APT-C-36 (intrusion-set)
* Gallmaker (intrusion-set)
* BlackOasis (intrusion-set)

## Affected Products

* cpe:2.3:a:thunderdome:planning\_poker:\*:\*:\*:\*:\*:\*:\*:\*