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Submit #796145: github.com/farion1231 cc-switch v3.12.3 Origin Validation Error

Title github.com/farion1231 cc-switch v3.12.3 Origin Validation Error

Description The local proxy server (127.0.0.1:15721) started by cc-switch uses an overly permissive CORS policy (allow_origin(Any)), which allows any website to send cross-origin requests to the proxy. Since the proxy automatically injects the user's API key into forwarded requests, a malicious website can silently use the user's AI API (Claude, OpenAI, Gemini, etc.) without knowing the API key itself. This requires only one user action – visiting a webpage.

Impact

Impact Description

API Key Abuse Attacker can make unlimited API calls at the victim's expense

Cost Amplification Victim incurs charges from all API calls made by attacker

Data Exfiltration AI responses may contain sensitive context about the victim's work

Rate Limit Exhaustion Attacker can exhaust victim's API rate limits

Cross-Provider Affects all configured providers (Claude, OpenAI, Gemini, Codex, etc.)

Source <https://github.com/farion1231/cc-switch/issues/1841>

User r00tuser (UID 88975)

Submission 04/03/2026 04:14 AM (10 days ago)

Moderation 04/12/2026 09:56 AM (9 days later)

Status Accepted

VulDB entry 357007 [farion1231 cc-switch up to 3.12.3 ProxyServer server.rs cross-domain policy]

Points 20

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