



# PSIRT

## Domain fronting protection bypass in explicit web proxy

IR Number **FG-IR-24-372**

Published Date **Oct 14, 2025**

Component **OTHERS**

Severity **⚠ Medium**

CVSSv3 Score **4.8**

Impact **Improper access control**

CVE ID **CVE-2025-25255**

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### Summary

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Accept

Version	Affected	Solution
FortiOS 7.4	Not affected	Not Applicable
FortiOS 7.2	Not affected	Not Applicable
FortiOS 7.0	Not affected	Not Applicable
FortiOS 6.4	Not affected	Not Applicable
FortiProxy 7.6	7.6.0 through 7.6.3	Upgrade to 7.6.4 or above AND see solution below
FortiProxy 7.4	7.4.0 through 7.4.11	Upgrade to 7.4.12 or above AND see solution below
FortiProxy 7.2	7.2 all versions	Migrate to a fixed release
FortiProxy 7.0	7.0.1 through 7.0.22	Migrate to a fixed release

Follow the recommended upgrade path using our tool at: <https://docs.fortinet.com/upgrade-tool>

## Solution

Upgrade to FortiOS 7.6.4 or above, FortiProxy 7.6.4, 7.4.12 or above

AND

Modify the domain-fronting setting to the new option "strict" for blocking Host header and SNI mismatch when using domain or IP.

```
config firewall profile-protocol-options
  edit "test"
    set comment "All default services."
  config http
    set ports 80
    unset options
    unset host-headers
```

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## Timeline

2025-10-14: Initial publication

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