Illumio Core IPFilter

Version: 5.3.0.5002

Release Notes

Contents

Welcome

These release notes describe the resolved issues in Illumio Core IPFilter 5.3.0.5002.

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Product Version

IPFilter Version: 5.3.0.5002
Compatible Core PCE Versions: 21.5.*x*

Standard versus LTS Releases

For information about Standard versus Long Term Support (LTS) releases, see Versions and Compatibility in the Illumio Support portal (log in required).

Release Types and Numbering

Illumio Core release numbering uses the following format: "a.b.c-d"

- "a.b": Standard or LTS release number, for example "2.0"
- ".c": Maintenance release number, for example ".1"
- "-d": Optional descriptor for pre-release versions, for example "preview2"

Resolved Issues in IPFilter 5.3.0.5002

- **After AIX system restart, NFS didn't mount the remote filesystem** (E-74131)
  IPFilter 5.3.0.5001 didn't correctly handle TCP half-open connections. When a client encountered a TCP half-open connection while connecting to a server, the new connection attempt was blocked. This issue is resolved in IPFilter 5.3.0.5002. IPFilter 5.3.0.5002 enables the client to close TCP half-open connections before it opens a new connection.
- **IP fragmentation was broken in the IPFilter firewall** (E-73168)
  IPFilter 5.3.0.5001 incorrectly dropped IP fragments when their sizes weren't multiples of 8 bytes. This issue occurred even though the last IP fragment could validly be a size that wasn't

a multiple of 8 bytes. IPFilter 5.3.0.5001 should not have dropped those IP fragments. This issue is resolved in IPFilter 5.3.0.5002.

- **IPFilter dropped NFS client connections in AIX** (E-70145)
  IPFilter 5.3.0.5001 didn't support port reuse. When a port was reused before the `TIME_WAIT` interval, IPFilter could block the new connection. This issue is resolved in IPFilter 5.3.0.5002. IPFilter 5.3.0.5002 supports limited port reuse and, in many cases, can accommodate new connections before the `TIME_WAIT` interval.

Security Information for IPFilter

For information about security issues, security advisories, and other security guidance pertaining to this release, see Illumio's Knowledge Base in Illumio's Support portal.

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