dualog

Release Notes

SERVICE: Dualog Connection Suite

VERSION: 3.11.003

RELEASE DATE: 25 May 2022

New features

DNS Wildcards in Network Control

- Destinations in Network Control firewall rules can now contain domain names with wildcards – e.g. *.microsoft.com
- Domain names must contain two components – e.g. *.com is not allowed, but *.microsoft.com is.
- **Note**: This feature is intended used for allow-listing/zero-trust rules. If used with block-rules, client DNS caching (and use of hosts-file) could allow clients to bypass the rule.

Improvements & Bug fixes

Ship GUI

- Fix bug where LastConnect-requests are being sent multiple times
- No longer allow quota-sale if Network Control is disabled
- Fix bug where "IMAP backup restore" fails
- Minor bug-fixes in approve/reject email-view

Network Control

- Bugfix: A bug where DNS packets were not resolved on the first attempt is fixed. This improves DNS resolving speed.
- Bugfix: In some cases, DNS packets were not resolved if "DNS Cache" was disabled.

Notes

- The Network Control Windows Registry setting for Network Control "ConfigReRead" has been removed. It was designed to automatically refresh DNS entries in firewall rules and is now being maintained by the new "DNS Wildcards" feature.

VERSION: 3.11.004

RELEASE DATE: 5 JULY 2022

Improvements & Bug fixes
Network Control

- Bugfix: Now also sniffs DNS packets sent to Dualog Protect shore servers.

VERSION: 3.11.005

RELEASE DATE: 30 AUGUST 2022

Improvements & Bug fixes
Network Control

- **Bugfix:** DNS Filter is now correctly applied if configured on an Internet Gateway.
- **Bugfix:** Fix problem where DNS packets to an internal server (e.g., Domain controller) depend on the order of ship subnet gateways.
- **Bugfix:** Fix problem where the most specific source network/IP was not used when selecting firewall rule – e.g., 127.0.0.1 could be considered less specific than a network range.

VERSION: 3.11.006

RELEASE DATE: 31 August 2022

Improvements & Bug fixes
Antivirus

- **Bugfix:** Fix problem where the Antivirus Client (DualogAgent service) is unable to contact the Antivirus Connection Suite server (DualogUpgradeServer service)

Improvements & Bug fixes

Network Control

- Enhancement: In Internet Gateways, "DNS server" and "DNS filter" now respects the source IP address/network setting. Previously the DNS server list and DNS filter setting were configured globally and depend only on "failover" state.

- Bugfix: Fixes a problem where DNS traffic from an internal DNS server (e.g., domain controller) is evaluated against the Dualog PC IP address in the rule set instead of the correct source IP.

- Bugfix: Fixes problem with bandwidth limitation when creating new communication equipment on the ship. Value of 0 is now considered unlimited.

- **Bugfix:** Fixes cache problem where a client is blocked forever if it initiates traffic matching a DNS wildcard rule before the destination IP address is sniffed from a DNS packet.

- **Bugfix:** Fixes order-of-evaluation on destination Ips sniffed from DNS packets. DNS packets with the longest match are now ranked before short matches – e.g., Ips sniffed from www.vg.no are ranked higher than *.vg.no.