THE CYBER TOOLCHAIN

NO. 026

Tail

THE DAILY RELEASE FIREHOSE

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The daily firehose — everything the toolchain shipped today, already filtered.

▸ // HOW THIS ISSUE IS MADE SHOW

VIEW

ISSUE VIEW

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REVERSE ENGINEERING, MALWARE & FORENSICS

◆ Reverse Engineering

AsmResolver ⓘ v6.0.1 NOTES ↗

A library for creating, reading and editing PE files and .NET modules.

AsmResolver v6.0.1 adds `CustomMarshalDescriptor.MarshalTypeName`, AOT-compatible attributes, and a virtual ProbeDirectory hook.

└──▷ GET THIS VERSION

```
$ git clone --branch v6.0.1
https://github.com/Washi1337/AsmResolver.git
# already have the repo? check out this version:
$ git checkout v6.0.1
```

- Adds `CustomMarshalDescriptor::MarshalTypeName` to support and preserve invalid or non-existing marshal type descriptors.
- Marks assemblies with additional AOT-compatible attributes for better ahead-of-time compilation support.
- Makes `AssemblyResolverBase::ProbeDirectory` virtual, enabling subclasses to override directory probing logic.

WAS THIS USEFUL? 👍 👎

NETWORK SECURITY

◆ Firewalls & Network Defense

Rspamd ⓘ 4.1.3 NOTES ↗

Rapid spam filtering system.

Rspamd 4.1.3 adds fuzzy diagnostics API, ClickHouse fuzzy exports, per-hash introspection, and a local-network request block for lua_http.

└──▷ GET THIS VERSION

```
$ git clone --branch 4.1.3 https://github.com/rspamd/rspamd.git
# already have the repo? check out this version:
$ git checkout 4.1.3
```

└──▷ TRY IT

Inspect a specific fuzzy hash entry in storage to validate hits or debug false positives.

```
$ rspamadm control fuzzyhash <hash>
```

Retrieve structured fuzzy match results in a Lua rule to act on probability scores or matched rules.

```lua
local results = task:get_fuzzy_results()
for _, r in ipairs(results) do
  rspamd_logger.infox(task, 'fuzzy match: rule=%s prob=%s', r.rule,
r.probability)
end
```

Block lua_http from making outbound requests to internal/local network addresses in a custom redirector or plugin.

```lua
# In rspamd lua_http call options:
local ret, code, body = rspamd_http.request({
  url = url,
  task = task,
  forbid_local = true,
})
```

› Adds structured fuzzy match results via a diagnostics API and the new task:get_fuzzy_results() Lua method, with a configurable probability weight curve

(`prob_bias` , `prob_power`) anchored at the match threshold.

› Exports fuzzy match details to ClickHouse (schema version 11) and annotates the `X-Rspamd-Fuzzy` milter header with rule, flag, probability, and timestamp.

› Adds `forbid_local` option to `lua_http` to block requests to local networks (enabled by default in `url_redirector`).

› Enriches sparse ARF reports in `lua_feedback_parsers` with headers from the original message.

└──▷ BREAKING ON UPGRADE

! WebUI: jQuery has been removed entirely; all modules now use native DOM and XMLHttpRequest. Font Awesome is replaced by a local SVG sprite — any customizations or plugins depending on jQuery or Font Awesome in the WebUI will break.

! DKIM: `HAVE_ED25519` is now scoped to OpenSSL key parsing only, changing ed25519 verification behavior on OpenSSL builds.

WAS THIS USEFUL? 👍 👎

IDENTITY, ACCESS & DATA PROTECTION

◆ Secure Access (VPN / SASE / ZTNA)

Progress ShareFile ⓘ changelog · Jul 26, 2026 CHANGELOG ↗

Progress ShareFile is a cloud-based file sharing and storage platform enabling businesses to securely send, receive, and manage documents and client communications.

ShareFile adds a Tasks Workspace for centralized management of Request Lists and Forms across all projects.

└──▷ HOW TO FIND IT

Access the new Tasks Workspace to view and act on all outstanding Request Lists and Forms across every project without navigating folder by folder.

> 📍 In ShareFile, navigate to Tasks in the main navigation to access standalone Request Lists and Forms across all projects.

- New Tasks Workspace provides a centralized location to view and manage work items — including standalone Request Lists and Forms — across all projects in a single interface.
- AI-powered Request List generation (Beta) enables users to create Request Lists using AI assistance.

WAS THIS USEFUL? 👍 👎

vopono ⓘ 0.10.19 NOTES ↗

Run applications through VPN tunnels with temporary network namespaces

vopono 0.10.19 adds SSH dynamic proxy tunneling with killswitch and improves WireGuard/AmneziaWG custom config compatibility.

└──▷ GET THIS VERSION

```
$ git clone --branch 0.10.19 https://github.com/jamesmcm/vopono.git
# already have the repo? check out this version:
$ git checkout 0.10.19
```

- Adds SSH dynamic proxy support via `--protocol ssh` and redsocks, transparently routing IPv4 TCP and DNS traffic through an OpenSSH SOCKS5 proxy with killswitch protection, SSH config aliases, keys, and agent support.
- Improves custom WireGuard and AmneziaWG configuration compatibility: split-tunnel AllowedIPs, independent IPv4/IPv6 routing, hostname endpoints, endpoint bypass routes, and safe handling of wg-quick-specific options.
- Improves vopono-gui handling of custom VPN configurations: missing files are clearly marked, stale launch configurations can be deleted, and the selected protocol is passed explicitly when launching.
- Improves Debian and RPM packaging by installing the systemd service, reloading systemd after installation, and displaying daemon enablement instructions.

WAS THIS USEFUL? 👍 👎

GOVERNANCE, RISK & COMPLIANCE

◆ Continuous Control Monitoring (CCM)

RegScale ⓘ RegScale 6.32.3.0 (2026-07-25) BLOG ↗

RegScale is a compliance operations platform that automates and continuously monitors regulatory compliance, security controls, and risk management for organizations.

RegScale 6.32.3.0 adds an Asset Scanning Tool De-Duplication option for administrators to control duplicate finding consolidation.

› Adds an Asset Scanning Tool De-Duplication option, giving administrators control over how duplicate findings are identified and consolidated during asset scanning workflows.

WAS THIS USEFUL? 👍 👎

DEPLOY

◆ Local LLM Runtimes

Ollama ⓘ v0.32.4 NOTES ↗ CODE ↗

Get up and running with Kimi-K2.6, GLM-5.2, MiniMax, DeepSeek, gpt-oss, Qwen, Gemma and other models.

Ollama v0.32.4 adds Laguna MLX support with memory-resident models, agent skill permissions, and better speculative-decoding quantization.

└──▷ GET THIS VERSION

```
$ git clone --branch v0.32.4 https://github.com/ollama/ollama.git
# already have the repo? check out this version:
$ git checkout v0.32.4
```

- Adds support for the Laguna model family on Apple Silicon via the MLX engine, with Metal memory residency for significantly improved prompt and generation performance on qualifying hardware.
- Adds permission/approval flow for model-initiated agent skill loading, while preserving direct user slash-skill activation without prompts.
- Adds `/system` prompt inspection and on/off toggle commands to the agent TUI, with cache-impact warnings and completion support.
- Quantizes draft-model output heads at the requested quantization type when creating speculative-decoding drafts.
- Supports per-expert quantization format decoding for Qwen3 MoE models, with a packed gate/up projection optimization yielding ~4–9% throughput improvement on M5 Max.

WAS THIS USEFUL? 👍 👎

// END OF TRANSMISSION

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