

Halon launches new release for Halon Protect that offers clear signals and smarter policies

Halon launches Halon Protect 16 to simplify daily operations, enhance team precision, streamline configurations, and make key insights more accessible.



GÖTEBORG, SWEDEN, July 15, 2025

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builds on our goal to simplify day-to-day operations and give teams more precision when managing delivery behavior. This release focuses on making key insights more accessible, streamlining configuration, and improving how policies are applied at scale.

What's new in [Halon Protect](#) 16?

- OpenMetrics support: Halon Protect now exports delivery and filtering metrics in the OpenMetrics format. This means you can stream real time stats into tools like Prometheus and Grafana without needing translation layers or custom exporters. You can track message volumes, DSN activity, bounce categories, average latency of email delivery, rate limits, and DNS response behavior alongside infrastructure health and application logs, all in one place.
- Web administration improvements: The user interface now supports autoscaling through shared session storage, displays active DNS resolver activity, and runs long-running actions like message deletion in the background. These changes help teams manage high-volume traffic and complex environments without losing visibility or responsiveness.
- Bounce normalizer: Halon Protect now includes a new bounce normalizer that groups similar bounce messages and strips out noisy elements like hashes, IPs, and personal data. This helps teams see clearer patterns, reduces the effort needed to create rules, and improves reporting.
Screenshot 2025-07-09 at 15.41.07
- Dynamic policy ordering: Multiple delivery policies can now be evaluated in a specific order: dynamic, backoff, warm-up, and static. This allows different plugins and rule types to work together cleanly and override each other when needed. It makes policy behavior more predictable and reduces edge cases.

- Per-policy rate algorithm configuration: You can now set rate algorithms per policy, not just globally. This helps tune behavior for warm-up or backoff without affecting other mail streams.
- Prioritized DNS resolution: Specific recipient domains can now be moved ahead in the DNS resolution queue to avoid delays.
- Azure linux support: You can now run Halon Protect on Azure Linux. This expands deployment options and simplifies builds for teams already using Microsoft's cloud.

These and other behind-the-scenes improvements are designed to reduce friction and give email operations teams tighter control over how messages are handled and filtered.

What's next?

Halon Protect will continue to evolve with easier diagnostics and greater transparency across filtering and delivery stages. We're focused on helping teams reduce configuration overhead and improve reliability without giving up control.

About Halon

Halon is on a mission to empower businesses through Dynamic Email Operations. Its composable email infrastructure enables unmatched flexibility, scalability, and control, making it easy for service providers to adapt, innovate, and lead in a rapidly evolving email landscape. Trusted by some of the most innovative enterprises across the globe, Halon offers a complete email solution that's easy to modify, configure, and operationalize.

Processing over one trillion emails each year, Halon offers two specialized solutions:
Halon Engage - optimized for large-scale senders and,
Halon Protect - built for mailbox providers.

Both solutions leverage powerful AI technology and provide deep, actionable insights. This allows service providers to improve observability, go-to-market 10x faster, and deliver modern experiences - without sacrificing ease or control.

With clients operating some of the world's largest email operations, Halon is proud to serve as a mission-critical part of their infrastructure that keeps communication flowing reliably and securely. An impressive NPS Score of 75 reflects Halon's ongoing commitment to client satisfaction and exceptional support. For businesses, where email really, really matters, Halon offers the ideal foundation for success - combining composable email infrastructure with dedicated email expert support that acts as an extension of your team.

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