

Globanet Balance Offers Intelligent Load Balancing for Journaling Infrastructures

Journaling in organizations, particularly large and enterprise organizations using Microsoft Exchange, suffer from two critical problems:

1. Archiving performance and backlog
2. Duplicate indexes, where a message hits multiple journal mailboxes

Organizations have to invest in significant journaling resources and infrastructure to keep on top of a continual stream of compliance messages, which is increasing day by day.

A typical organization's journaling infrastructure might look similar to this:

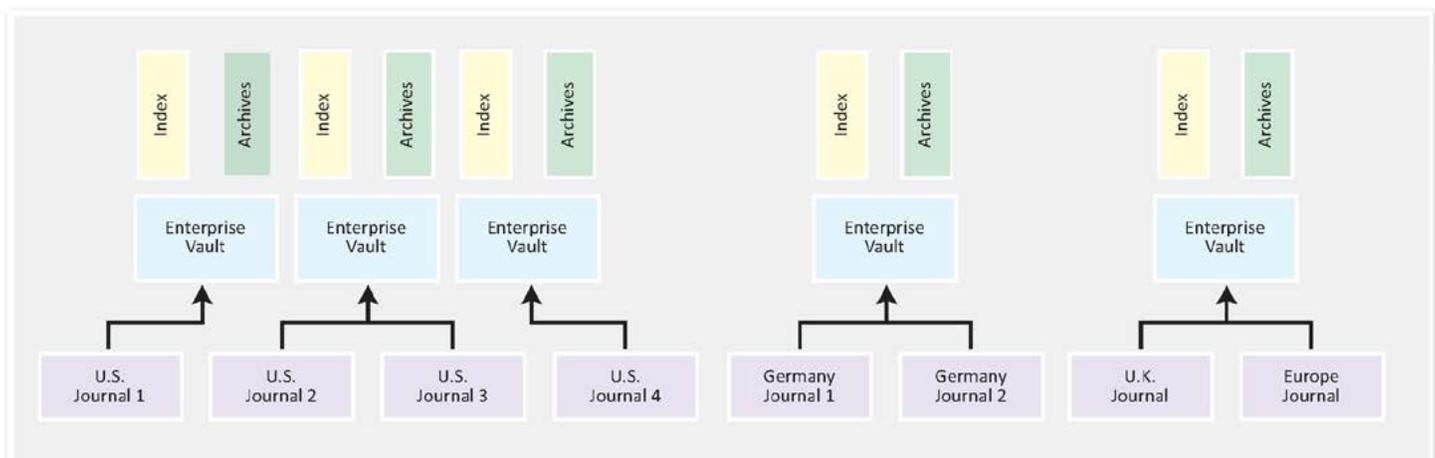


Figure 1: Typical Journal Infrastructure

As illustrated above, a user sending a message from the U.K. to a German distribution list and a U.S. distribution list will end up with at least three to five copies of the email in different journal mailboxes, depending on how users are mapped

to each journal mailbox or task. This immediately leads to index duplication. The organization now has five references to that email for ediscovery and compliance purposes, and the index is five times larger for that message.

One of the driving factors for multiple journal mailboxes is the sheer load placed on the archiving system while a journal task is running. Each storage service can only maintain a specific number of messages archived per hour. Once that threshold is reached, it is time to split to a new journal mailbox, which results in duplication and load increases.

Globanet Balance was designed to solve the two problems noted above with the following solutions:

1. Load balancing between multiple centralized journal mailboxes, thereby reducing the number of journal mailboxes an organization needs
2. Eliminating index duplication, so messages do not end up in multiple journal mailboxes

How It Works

Globanet Balance allows organizations to reduce their journaling to just a single set of centralized or regional journal mailboxes without multiple journal mailboxes and archiving tasks in each location. The solution redistributes journal mail in a round-robin fashion, allowing messages for all users to be evenly distributed into a centralized mailbox set, as shown below.

Globanet Balance is a simple Windows Service that offers extensive logging and reporting with a fast and easy installation to get load balancing started. In Figure 2, a stream of mail is being sent to a single “pseudo journal mailbox” in the organization. This mailbox automatically forwards, using Active Directory settings, to one of the designated centralized journal mailboxes that Globanet Balance rotates on a timed or load-based schedule.

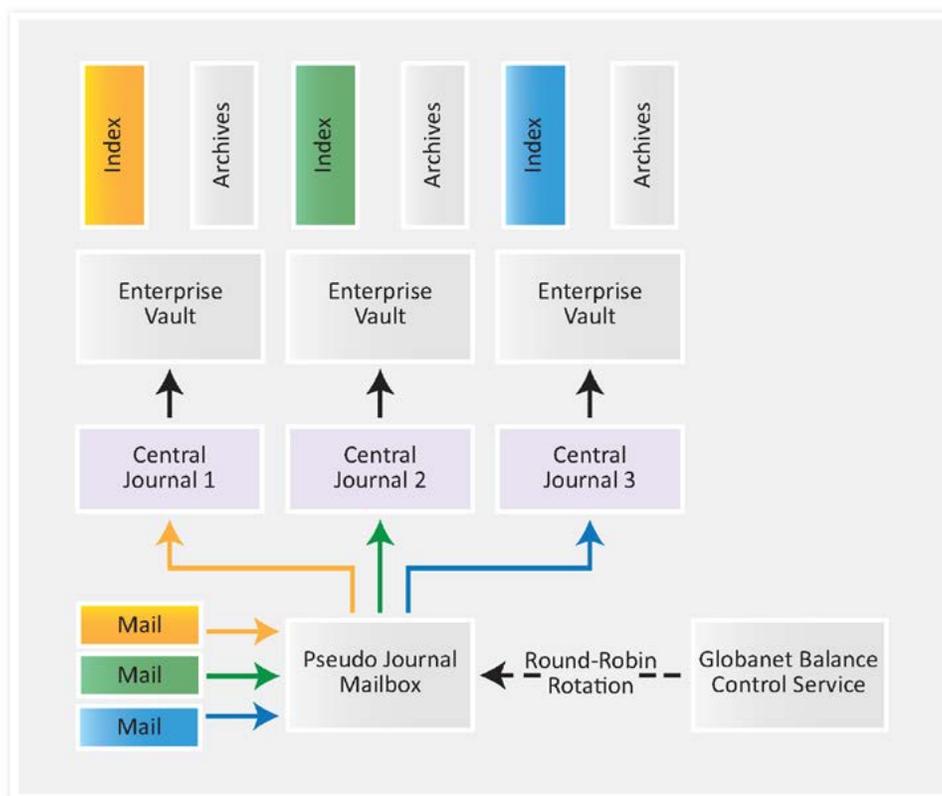


Figure 2: Globanet Balance Journal Infrastructure

Since typically only one message sent to a wide range of recipients is now being journaled, the message ends up in just a single journal mailbox. This box is selected based on which round-robin mailbox was active at the time the message was sent.

As illustrated, only one Enterprise Vault server archives a copy of the message because only one copy of the message ended up in one of the load balancing targets. Rotation might typically happen every 15 minutes in order to allow each Enterprise Vault server to substantially catch up on archiving to reduce the archiving and index load without a significant backlog. eDiscovery becomes simpler, too – now the organization needs fewer journal archives, not the much larger amount it had before.

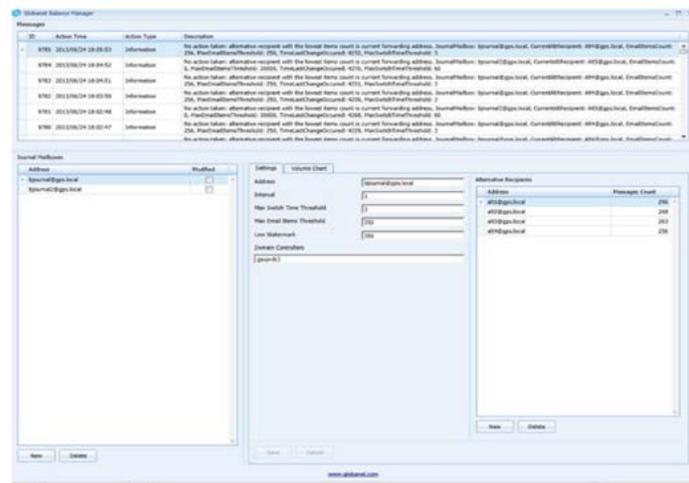


Figure 3: New User Interface allows Globanet Balance users to manage an entire journaling stream from a central interface, including tracking mailbox volumes and Balance events.

Key Features

Globanet Balance allows organizations to immediately:

- **Reduce the number of duplicates** across journal archives in Enterprise Vault on a go-forward basis without significant changes
- **Consolidate journal activity across multiple shared servers to fewer shared journals**, removing indexing and storage service archiving loads
- **Eliminate the processing of duplicate messages in Enterprise Vault journal archiving**, where one message is sent to multiple recipients and distributed across the journal infrastructure in a multi-instance fashion
- **Significantly reduce storage requirements in indexes and on SQL servers** by removing multiple references to the same message from different journal archives less hits mean less time spent culling and searching data
- **Improve ediscovery and search performance**, i.e., a smaller index means less duplicate hits, and less hits mean less time spent culling and searching
- **Significantly reduce Enterprise Vault infrastructure size**, meaning potentially less SQL databases, shorter backup windows, less data classification services (DCS) and less journal archiving tasks and servers
- **Manage multiple front end journal mailboxes** from the same Balance service
- **Real-time tracking of journal mail load**, including alerts for when journal mailbox volume limits are breached

Technical Requirements

Globanet Balance has a small set of requirements:

- A single processor 1.2Ghz or above (dual processor recommended); physical or virtual machine
- Windows 2008 Server x64 (including R2) and above
- Microsoft Exchange Server 2010 Management Console
- Windows PowerShell v2.0 (or above)
- Microsoft .NET Framework v4.0 (full profile)
- An admin account with suitable access to manipulate the properties of the target mailbox in Active Directory

Pricing & Availability

Globanet Balance is available today. A trial version is available for organizations that want to evaluate the benefits of a significantly reduced journaling infrastructure. For more information or a product demonstration, contact us at 888.427.5505.



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About Globanet

Globanet is a leading developer and reseller of archiving, data migration and eDiscovery solutions worldwide. Founded in 1996, the company is a pioneer of intelligent information governance, and has developed a portfolio of software and services to help organizations manage data from creation to expiry. Globanet's proprietary solutions include the Globanet Merge1 message capture platform and Globanet Migrate data migration software. A Veritas Platinum Partner with Master Specialization in Archiving and eDiscovery, its professional services team has extensive experience with industry-leading Enterprise Vault and Clearwell. Globanet is also a proud Microsoft Silver Software Development Partner. Globanet's broad range of services include policy and solution design, installation and configuration, data migration, custom add-ons and project-based eDiscovery consulting.

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