

## IMS Division Newsletter:

### Security & API Management Edition

January, 2024

#### HIGHLIGHTS IN THIS ISSUE

- Events and Webinars
- Blogs & Assets

[Sign Up for Newsletter](#)[Visit The IMS Software Academy](#)

#### EVENTS & WEBINARS

##### Panel Discussion: Security & the API Economy: How API Management and API Security Must Coexist

Catch the replay of our panel discussion about API Security on December 8 with Shari Laya & Christopher Rodriguez of IDC, Layer7 CTO Francois Lascelles, customers Paco Rebollo of Telefonica & Carlos Pimentel of William Hill, & partner Jon Schendt of Vista Ascent Solutions.

[Click here to watch the replay](#)

##### Layer7 Office Hours: Creating and Maintaining a Token Service

Creating and Maintaining a Token Service that caters to forward-leaning and traditional clients simultaneously can be an undertaking with many hurdles. Jon Schendt, a key partner with the Layer7 team, discusses how handling multiple issuers, tracking expiration, authorization and authentication, and most importantly, preventing data spills, requires a customized and holistic approach while still utilizing standards and best practices. By incorporating several key tools from Layer7, this task becomes easier, but still requires some navigation through various issues that can arise. As always, we'll end with a general Q&A.

**January 25 – 8am PT / 11am ET**

[Register Here](#)

##### Symantec PAM Office Hours: Proven PAM capabilities

The Broadcom product management and engineering teams would like to invite you to the upcoming PAM Office Hours. During this session, Joe Burke, Distinguished Engineer, and Josh Dilocker, Client Services Consultant, would like to highlight a few PAM capabilities that customers may not be aware of, including: Timeline based system health dashboards and Fine-grained, kernel level control of servers. For example: block a user or process from elevating privileges (sudo) and preventing root from viewing a file. The team is requesting feedback on upcoming capabilities: RDP Sessions without a PAM Client - PAM Gateway for RDP and Live upgrades - upgrading without turning off the cluster.

**January 23 – 8am PT / 11am ET**

[Register Here](#)

#### Product Announcements

##### Layer7 API Gateway 10.1 CR4

The Layer7 product group of Broadcom's IMS division is pleased to announce that the Layer7 API Gateway 10.1 CR4 is now available. This cumulative release provides defect and CVE fixes as well as key enhancements based on customer feedback and user experience improvements.

Highlights of this release include:

- Red Hat Universal Base Image for Container Gateway. This base image is provided by [Iron Bank](#) and hardened against their stringent security criteria.
- Enhanced Swagger/Open API Specification Support – this assertion has been enhanced to support:
  - Swagger 2.0 together with OpenAPI 3.0
  - Ability to specify a URL header to load and monitor documents for changes
  - Query parameter validation
  - New context variables for more capable error reporting
  - Polymorphism
  - Radius and Radius with LDAP Authentication support for SSH connections
- Enhanced Gateway URI Resolution Performance - To improve gateway performance when a gateway has many services and many wildcard URIs (\*), the default URI resolution process has been enhanced.
- New JDBC Drivers - To provide more economical and sustainable JDBC drivers with our Gateways, the legacy Progress DataDirect drivers have been replaced with native drivers for MySQL, MS SQL Server and Oracle.
- Provision to Add Optional Response Reason Phrase - To support legacy HTTP clients that rely on a HTTP response reason phrase, you can now restore the reason phrase that was removed by HTTP engine library beginning with gateway version 10.1 CR1 by configuring an advanced property in your listener ports.
- New Poller Thread Cluster Property - To optimize Gateways for high-concurrency scenarios that might otherwise lead to connection resets
- Key management in GraphMan (preview) - To provide Graphman with greater capabilities to manage keys and certificate chains based on common key formats, Graphman was enhanced to manage both using PEM, in addition to PKCS#12; including import, export and specifying key usage for special purposes

For a complete list of enhancements and changes, please see the [release notes](#) and [product documentation](#) for more information.

##### Layer7 API Gateway 11.0 CR2

The Layer7 product group of Broadcom's IMS division is pleased to announce that the Layer7 API Gateway 11.0 CR2 is now available. This cumulative release provides defects and CVE fixes as well as key enhancements based on customer feedback and user experience improvements.

Highlights of this release include:

- Red Hat Universal Base Image for Container Gateway. This base image is provided by [Iron Bank](#) and hardened against their stringent security criteria.
- Enhanced Swagger/Open API Specification Support – this assertion has been enhanced to support:
  - Swagger 2.0 together with OpenAPI 3.0
  - Ability to specify a URL header to load and monitor documents for changes
  - Query parameter validation
  - New context variables for more capable error reporting
  - Polymorphism
  - Radius and Radius with LDAP Authentication support for SSH connections
- Key management in GraphMan (preview) - To provide Graphman with greater capabilities to manage keys and certificate chains based on common key formats, Graphman was enhanced to manage both using PEM, in addition to PKCS#12; including import, export and specifying key usage for special purposes

For a complete list of enhancements and changes, please see the [release notes](#) and [product documentation](#) for more information.

##### OAuth Toolkit (OTK) 4.6.2

The Layer7 product group of Broadcom's IMS division is pleased to announce that the Layer7 OAuth Toolkit (OTK) version 4.6.2 is now available! This milestone provides enhancements based on customer feedback.

Highlights of this release include:

- Support for DB connections for read-only replicas - provides the ability to separate read vs. write DB connections for improved scalability in cross-region cloud architectures.
- Client JWT validation routing customization improvements - provides more flexibility in customizing Client JWT validation such as allowing the ability to support the use of a proxy server in routing.
- Enhanced Token Deletion to Allow for High Priority Tokens - enhances token issuance by allowing priorities to be assigned to tokens to ensure lower priority tokens are removed first when reaching the limit on the allowed number of tokens.
- Cassandra improvements to not require case sensitive searches - overcomes the limitation of Cassandra preventing case insensitive searches
- OTK Container Installation Improvements - accelerates the process of getting OTK up and running by providing a single Helm chart that allows the OTK and associated DB schema/data to be installed in a single command
- Support for Cassandra 4 - updates Cassandra support to 4.x when using Layer7 API Gateway 11.0 and higher

For a complete list of enhancements and changes, please see the [release notes](#) and [product documentation](#) for more information.

##### VIP Authentication Hub v2.2

The product management and engineering teams held office hours on December 13th to share updates on recent development efforts and the strategic direction our Security Services Platform (SSP), including the modern authentication services being delivered by the VIP Authentication Hub and the next set of shared services (Identity Services), which are targeted for a 2024 release. To watch the replay of this event, please [register here](#).

#### Blogs

##### Reducing the Risk of Cryptographic Failures

In his latest blog, Bala takes a look at encryption and the impact of cryptographic failures on the enterprise.

[Read Article](#)

#### Assets

##### eBook: Welcome to the Jungle

This asset provides best practices to protecting your data, and is the introduction to the following brief.

[Read Article](#)

##### Brief: Safeguarding Data Throughout its Lifecycle

A closer look at the Broadcom solutions that help customer protect their data against the assumed breach.

[Read Article](#)

##### White Paper: Integrating with Electronic Identification and Trust Services (eIDAS)

A closer look at how SiteMinder can be integrated into the European eIDAS nodes and member state digital identity infrastructure

[Read Article](#)



For questions or concerns regarding products or services please visit [Symantec Enterprise Security Support Center at Broadcom](#).

When you engage with Broadcom, we take the time to understand what interests you. If we got it wrong, you can update your preferences or unsubscribe through our [Preference Center](#). If you'd like to know more about how we use your personal information, you can [read our privacy statement](#).

Broadcom 1320 Ridder Park Drive San Jose California 95131 United States of America  
Copyright © 2024 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.