

Fortinet and Palerra Integrated Cloud Security Solution

Innovating and Automating Cloud Security

Cloud security is becoming a pivotal requirement for many enterprises as they migrate their data, applications, and infrastructures to the cloud. While some enterprises have chosen wholesale adoption of cloud services, many are approaching the migration as part of a multi-year initiative. Others are adopting hybrid models for the foreseeable future, consisting of both on-premises solutions and cloud services. For many of these enterprises, a CASB (Cloud Access Security Broker) solution that integrates with and maximizes the return of their existing traditional security investments is becoming a key requirement.

Fortinet and Palerra have partnered to deliver an industry-leading security solution to address the needs of enterprises migrating to the cloud. The solution features the Palerra LORIC™ cloud security automation platform and Fortinet's FortiGate Enterprise Firewall platform, enabling organizations to gain features such as shadow IT discovery and real-time remediation.

Shadow IT Discovery

In addition to corporate-sanctioned cloud services, many employees adopt various cloud services on their own to streamline the way they work. Unfortunately, while these apps may be consumer-ready, they are far from being enterprise-ready. The lack of security and management capabilities of these apps often leave the end user and the enterprise vulnerable to hackers and attacks.

The Fortinet and Palerra partnership allows enterprises to gain visibility into the use of unsanctioned, potentially risky (shadow IT) apps. LORIC taps into FortiGate's ability to log all traffic traversing the corporate network perimeter. By ingesting the logs,

Key Benefits

- Maximize existing security solution investments to support enterprise cloud adoption
- Gain visibility into the use of unsanctioned cloud services (Shadow IT)
- Maximize user productivity without sacrificing security
- Secure employees with advanced security capabilities
- Eliminate service compatibility and performance issues of proxy-based solutions
- Delivers real-time automated remediation
- Provides comprehensive enterprise-wide security



correlating the activities, and comparing to a database of more than 50,000 cloud applications, LORIC provides detailed visibility into the unsanctioned apps being used. Analyzing various attributes of the app, LORIC also provides an actionable risk rating for each identified app.

Real-Time Remediation

To avoid the highly-publicized performance and compatibility issues of proxy-based CASBs, many enterprises are turning to CASBs based on API architecture. Its tight integration with cloud services offers comprehensive visibility into various activities and events not possible with inline proxy designs. Also, the out-of-band design enables employees to always connect directly to the cloud app, maximizing their productivity. The out-of-band design, however, does not readily allow enterprises to terminate sessions in real time, once a malicious or anomalous activity has been detected.

The Fortinet and Palerra partnership allows enterprises to leverage cloud security features such as threat analytics, user behaviors analytics, and configuration monitoring, along with the ability to terminate sessions in real time for a particular app. When LORIC identifies suspicious or malicious activity, it sends a request to FortiGate to terminate sessions for the particular cloud application. With this integration, enterprises reap the benefits of advanced cloud security via API architecture and the ability to terminate sessions to risky applications in real time.

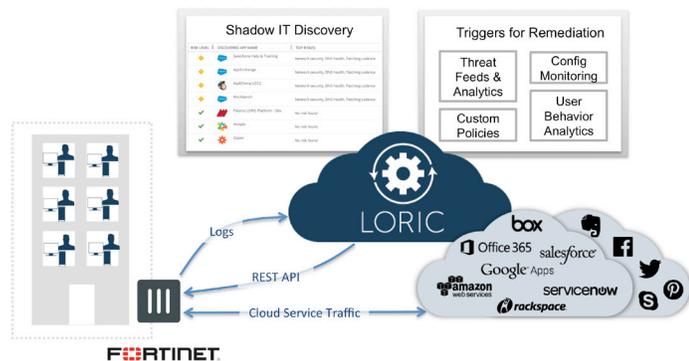


FIGURE 1: FORTINET AND PALERRA INTEGRATION FOR SHADOW IT DISCOVERY AND REAL-TIME REMEDIATION

Solution Benefits

- Maximize existing security solution investments to support enterprise cloud adoption and hybrid deployments
- Gain visibility into the use of unsanctioned cloud services (shadow IT) by employees and contractors
- Maximize user productivity without sacrificing security with direct connection between enterprise perimeter and cloud service
- Secure employees with advanced security capabilities including User Behavior Analytics, custom cloud service policies
- Eliminate cloud service compatibility and performance issues of proxy-based cloud security service
- Delivers real-time automated remediation enabling termination of sessions upon detection of risky apps
- Provides comprehensive enterprise-wide security leveraging both leading on-premise/virtual security protection and leading API-based Cloud Access Security Broker

Bringing together Palerra's LORIC™ cloud security automation platform with Fortinet's FortiGate® firewall platform enables customers to benefit from the cloud security visibility and governance capabilities provided by Palerra, while simultaneously leveraging the best-validated security protection in the industry provided by Fortinet.

About Palerra

Palerra helps organizations protect their business-critical cloud infrastructures and data with Palerra LORIC™, the industry-leading solution for cloud security automation. Palerra is the only Cloud Access Security Broker (CASB) that provides visibility and security across the entire security lifecycle from infrastructure to applications, enabling organizations to realize the full promise of the cloud. Learn more at www.palerra.com.



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