Guardicore

Agile and Flexible Protection for Hybrid Data Centers with F5 and Guardicore

Realize centralized application visibility and flexible security policy enforcement without the need for additional installations.

Today, it's common for infrastructure to evolve regularly, so your protection needs to be flexible enough to extend quickly to new or changing areas of an environment. However, it's also essential that security efforts don't dramatically slow down fast-moving DevOps processes.

Through the F5 and Guardicore integration, you can overcome this challenge. Using these solutions jointly enables you to get the application and network visibility you need to create informed segmentation policies and quickly enforce them, even in locations where Guardicore agents are not installed.

The visibility gained is context-rich. It presents traffic flows in an easy-to-read format, so the policies you create to protect your critical assets are all based on real-time and historic activity in your environment.

How the integration works

Functionality for this integration is enabled through an add-on deployment option in Guardicore Centra. Once the add-on is installed, Guardicore Centra can ingest flows passing through the F5 Big-IP Local Traffic Manager (LTM) monitored virtual servers. This data is then visualized centrally on a context-rich Guardicore Reveal map and combined with any data collected by active Guardicore agents if they are installed elsewhere.

Then, using Guardicore's intuitive policy creation tools and centralized visibility data, you can create effective and granular security controls. If no Guardicore agent is installed, you can opt to push the policy to the F5 BigIP Advanced Firewall Module (AFM), which can be used to enforce it.

Key Benefits

- **Centralize visibility and control** Visualize activity and use it to define and enforce policies from across your entire environment with a single pane of glass view.

- **Flexible security** Leverage the advanced L4-L7 security capabilities of Guardicore where agents are installed and the rich protection features of F5's Advanced Firewall Module.

- **Environment agnostic** Use the joint solution anywhere, from on-premises, to in the cloud or even at the edge. There is no need to install additional agents.

- **Availability and required components** Guardicore Centra R36 and above F5 BigIP Advanced. Firewall Module (AFM).

- **F5 BIG-IP Advanced Firewall Manager (AFM)** is a high-performance, full-proxy network security solution designed to protect networks and data centers against incoming threats that enter the network on the most widely deployed protocols.

This joint solution provides new flexibility in both how and where you can enforce segmentation policies. Since security controls created in Guardicore are independent of the underlying infrastructure, they can be used in any environment, from on-premises to the cloud.

Additionally, by using the joint solution, you can also benefit from F5's other security capabilities, including advanced WAF and DDOS protection features along with identity and access management. Paired with Guardicore's granular segmentation capabilities, these can significantly improve your organization's security posture and reduce risk.
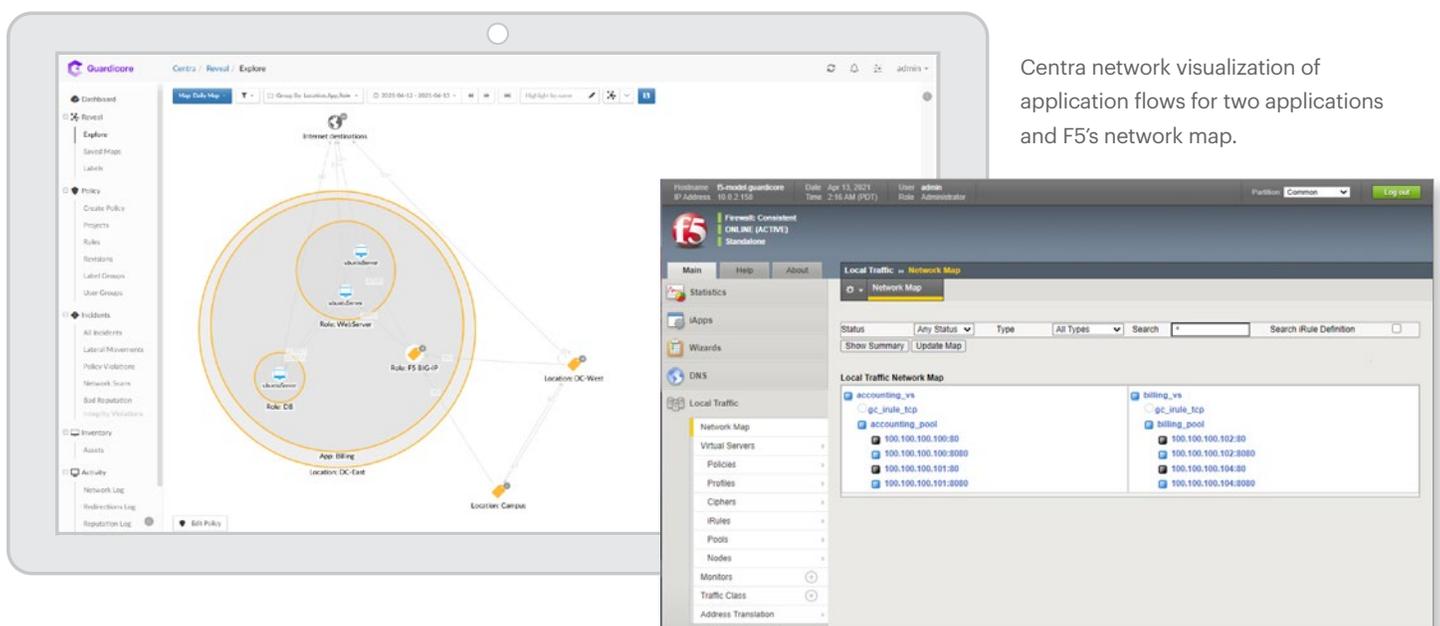
Centra network visualization of application flows for two applications and F5's network map.

Protection across any complex environment:
www.guardicore.com

About Guardicore

Guardicore is the segmentation company disrupting the legacy firewall market. Our software-only approach is decoupled from the physical network, providing a faster alternative to firewalls. Built for the agile enterprise, Guardicore offers greater security and visibility in the cloud, data-center, and endpoint. For more information, visit www.guardicore.com or follow us on Twitter or LinkedIn.

Guardicore