FORTINET | **Guardicore**

Fortinet and Guardicore Security Solution

Guardicore Centra Integration With Fortinet FortiAuthenticator Simplifies and Centralizes the Management and Storage of User Identity Information and Access to Centra and Other Products

Joint Solution Components

- Fortinet FortiAuthenticator
- Guardicore Centra

Joint Solution Benefits

- Integrated authentication for security administration
- Single and unified user management
- Centralized user access management
- Preserves and leverages the organization's previous investments in Active Directory and RBAC

FORTINET FABRIC-READY

Executive Summary

Fortinet FortiAuthenticator is an identity and access management solution that protects against unauthorized access to corporate resources by providing centralized authentication services, including single sign-on services (SSO), certificate management, and guest access management. Using FortiAuthenticator, IT/security practitioners can extend secure, conditional access to Guardicore Centra with an improved user experience, increased security, and platform neutrality.

Challenge

Using multiple security tools, organizations are required to maintain access rights for administrators in order to protect corporate governance as well as ensure best practices for security. As a microsegmentation solution, Centra provides application owners the ability to define policies for their environment. Thus it is required to extend access authorization to the Centra management console to a large number of individuals, each with a different role and set of permissions for actions, as well as assets that should be visible to them.

Joint Solution

Guardicore and Fortinet have partnered to deliver an industry-leading security solution. The integration of Guardicore Centra and Fortinet FortiAuthenticator, enabled through the Fabric-Ready Program in the Fortinet Open Fabric Ecosystem, delivers SSO, simplified management, and easy-to-use security, enabling Guardicore Centra users to be defined and authenticated by FortiAuthenticator.

Integration benefits:

Improved user experience

Users only need to sign in one time to access multiple applications and services. This allows for a faster authentication process and removes or reduces the expectation that the user remember multiple login credentials for every application.

Increased security

FortiAuthenticator provides a single point of authentication, which happens at a secure identity provider. It then transfers the identity information to Centra.

Reduced complexity

Due to loose coupling of directories, the integrated solution doesn't require user information to be maintained and synchronized between directories, resulting in reduced complexity.

Reduced costs

With the integrated solution, you don't have to maintain account information across multiple services. The identity provider bears this burden.

Platform neutrality

This integration abstracts the security framework away from platform-independent architectures, allowing application owners across the entire organization to participate in policy decision processes where applicable.

Joint solution components

Guardicore Centra simplifies segmentation inside the data center and improves your security posture to address a variety of use cases. It allows you to reduce your attack surface and prevent lateral movement with fast and simple segmentation that works everywhere. Fortinet FortiAuthenticator provides user identity management and strengthens enterprise security by simplifying and centralizing the management and storage of user identity information. It protects against unauthorized access to corporate resources by providing centralized authentication services, including SSO services, certificate management, and guest access management.

Solution integration

The integration works by using Security Assertion Markup Language (SAML) by passing information about users, logins, and attributes between FortiAuthenticator and Guardicore Centra.
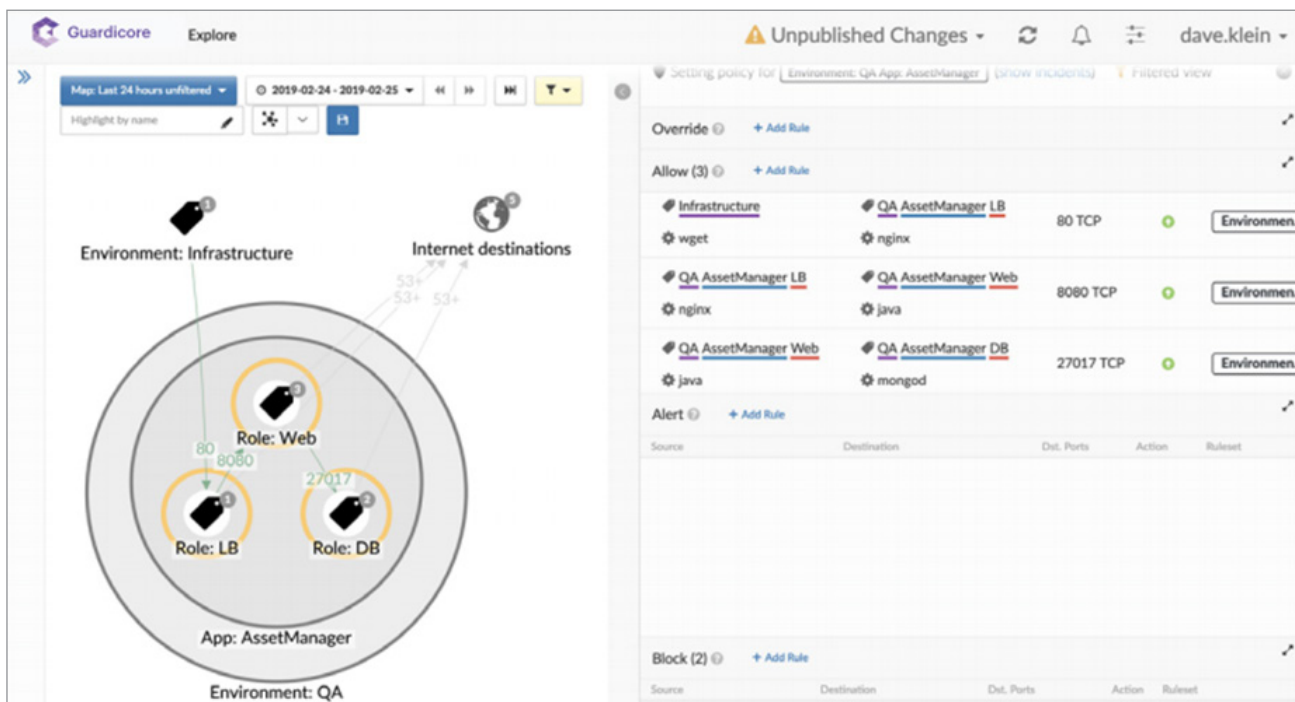

Figure 1: Guardicore Centra user interface.

Use Cases

Use case #1—Application owners self-service for protection of digital crown jewels

Centra collects detailed information about application functionality, communication flows, and dependencies, and creates an interactive map of applications and IT infrastructure. Application owners access the Centra console after being validated by FortiAuthenticator, and use this contextual view to understand how applications work and create powerful security policies.

Use case #2—Administrative separation of duties (SOD)

Security and corporate governance mandate that audit and control capabilities should be implemented for administrators. Guardicore Centra is a critical security platform that enables east-west policy enforcement inside the internal clouds. Using FortiAuthenticator for Guardicore Centra, organizations can meet those security mandates and comply with internal and external audit requirements.

About Guardicore

Guardicore is a data center and cloud security company that protects your organization's core assets using flexible, quickly deployed, and easy to understand microsegmentation controls. Our solutions provide a simpler, faster way to guarantee persistent and consistent security—for any application, in any IT environment.

Our mission goes beyond creating great technology. We continuously engage with our customers as a trusted partner, ensuring they maximize the value of their security investments beyond their original goals and expectations.

www.guardicore.com | Twitter | LinkedIn.

F⊕RTINET®

www.fortinet.com