



FortiOS 6.4

Effective Zero-Trust Network Access

In the reality of today's market, digital innovation is a necessity. But the growth of unsecure or unknown devices attaching to the network, along with a host of breaches due to stolen credentials, has stretched trust beyond the breaking point.

Network administrators must adopt a zero-trust approach to network access. Fortinet Network Access solutions offer the necessary device security to see and control all devices and users across the entire network. With proactive protection, organizations can ensure their networks are secure from the latest threats.

Behind Fortinet's network solutions is FortiOS, a security-hardened, purpose-built network operating system that is the software foundation of the entire Fortinet Security Fabric. Designed to deliver tightly integrated and intuitive security and networking capabilities across your entire network, FortiOS delivers everything from core network functionality to best-in-class security that protects organizations end to end, including the ability to extend the Fortinet Security Fabric to third-party solutions using application programming interfaces (APIs) and Security Fabric connectors.

Seamless automation and orchestration built into FortiOS allows organizations to overcome resource and skills gaps, and achieve desired digital innovation outcomes without compromise.

Fortinet continues to enhance the Fortinet Security Fabric with FortiOS 6.4, the latest version of its operating system, including over 300 new features and capabilities.

For Zero-trust Network Access customers, FortiOS 6.4 delivers greater visibility and easier management of users and devices.

A circular icon with a grid pattern inside, and the number '6.4' below it, all in a light purple color.

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A core element of Zero-trust Network Access is the ability to know who and what is on the network, and be able to control access of those users and devices. Full visibility into and control over users and devices is more critical than ever. Trends such as Internet of Things (IoT) have created a surge in the overall growth of network-connected devices—all of which have to be seen, secured, and managed. As a result, for many organizations, infrastructure complexity feels inevitable.

To help customers simplify their IoT environments, FortiOS 6.4 brings integrated network access control (NAC) logic to the Fortinet Security Fabric and FortiSwitch. Combined with Fortinet's new FortiGuard IoT service, the Security Fabric can automatically identify, segment, and enforce policies for IoT devices as they appear on the network. This greatly shrinks the attack surface created by the large number of IoT devices in any organization.

Along with greater visibility and control over IoT devices, FortiOS 6.4 also broadens visibility into Linux devices.

For greater management ease, customers can also now view FortiNAC within the Fabric Topology Map.

Services and Subscriptions

In addition to the new FortiGuard IoT service, FortiOS 6.4 delivers several new and enhanced services and subscriptions for the Fortinet Security Fabric to help customers better operate and secure their networks, including enhancements to the Fortinet Security Rating Service.

The Fortinet Security Rating subscription service helps organizations achieve compliance and fix deficiencies and risks by providing visibility and checks against compliance and best-practice standards. This service also allows for benchmarking against other industry-peer organizations. FortiOS 6.4 enhances the Security Rating capability with an operations-centric view to help networking staff to better prioritize and manage their environments.

Additionally, for Zero-Trust Network Access, Security Rating can help customers harden their Security Fabric by performing checks such as ensuring appropriate access controls and authentication are in place to ensure devices are only accessed by authorized personnel, and third-party device monitoring to help ensure that there is a minimum level of information collected for these devices to determine their purpose and legitimacy.

The new and enhanced services are available as part of FortiGuard Enterprise and 360 Protection bundles, and as a la carte subscriptions that customers can use to customize their services.

Digital innovation requires a broad, integrated, and automated cybersecurity platform that only the Fortinet Security Fabric can provide. FortiOS 6.4 advances the Fortinet Security Fabric with greater security while delivering even more simplicity and automation to help customers better deploy, operate, and maintain network operations and security, and manage users and devices throughout their organization.



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