

EfficientIP DDI Extension for **tufin** SecureTrack

Automate network topology updates for accurate security compliance

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SOLUTION

Managing security of IT is challenging; moves to cloud and zero trust increase complexity by adding new devices and configuration processes through automation. Users are more mobile, application deployment more frequent, hybrid cloud present in most enterprises and threats even stronger.

Tufin proposes a complete solution to manage security policies embedded in various equipment. Each security policy needs to be converted into technical configuration on security devices with strict accuracy. In order to handle this complexity and improve quality on the control side, analysis and compliance tools must remain aware of their environment - including IP information. In this context the IPAM (IP Address Management) is key, since it contains the "IP golden records" - data which is always up to date, always accurate and should therefore be considered as the single source of truth.

The EfficientIP SOLIDserver DDI has been designed as an event driven solution which is able to inform the IP ecosystem in real time of any changes. The extension for Tufin SecureTrack is thus able to notify the security solution about any changes on subnet zone association for accurate compliance analysis.

The key benefits of combining the two solutions are numerous, helping to:

- guarantee compliance to unified security policies
- reduce management complexity
- eliminate risk of misconfiguration of subnet addresses within zones
- bring tremendous time saving for administrators

Tufin and EfficientIP: Complementary Solutions for Ensuring Compliance

The integration of these two complementary technologies is fast and simple, and creates a **leading solution for security automation and compliance auditing activities**. It immediately brings the following enhancements:

1. Improved security for entire company network

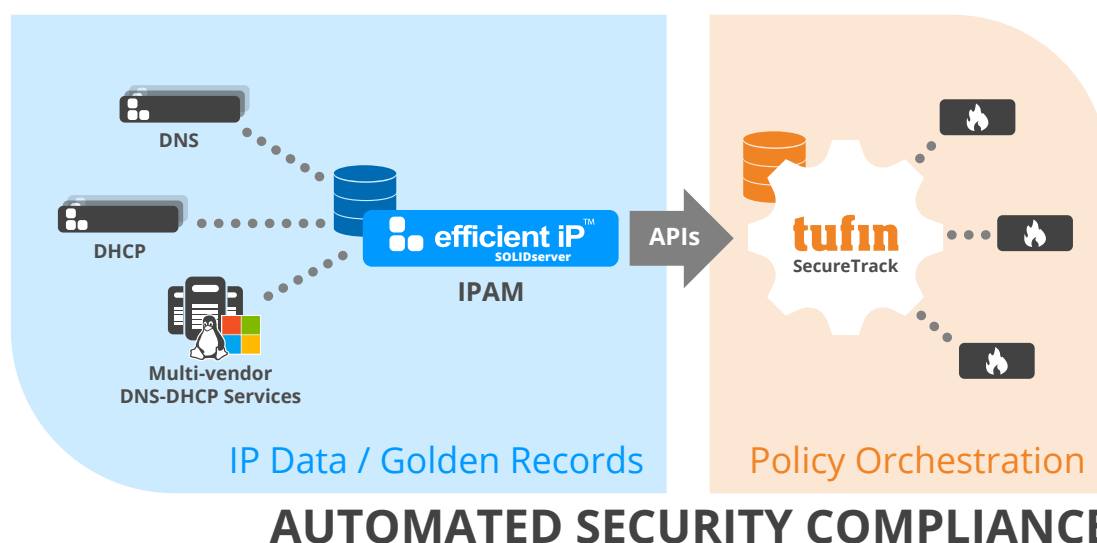
The combination of Tufin and EfficientIP creates a best of breed solution for seamlessly controlling and deploying firewall rules throughout a company's infrastructure.

2. Ensured policy enforcement

Together, the solutions ensure that security policies defined by each organization are adhered to. EfficientIP's IPAM solution contains all the IP "golden records" (networks and subnets data) for use by the Tufin solution to guarantee compliance to unified security policies.

3. Fast, error-free updates

EfficientIP IPAM ensures Tufin SecureTrack subnets associated with each zone are in sync, through rich API set calls which make sure updates are made in real-time and are error-free.



One obvious use of the extension is in cases where new subnets are required to be created by the network administrator. At creation time, the EfficientIP SOLIDserver will send a notification “event” to Tufin through APIs, so that Tufin SecureTrack can rapidly update the compliance information (e.g. security zone) associated with the subnet. The list of Tufin network zones is also synchronized between both systems for easy configuration of subnets in the IPAM.

In fact, any operation performed either through the IPAM web interface or through EfficientIP’s rich APIs can trigger a notification “event” to Tufin, bringing enhanced efficiency, and guaranteeing accurate, up-to-date configurations which conform to company specification and regulation.

Key Features of the Extension

- Plug & play solution thanks to native integration
- Scheduled process for Tufin security zone synchronization in the IPAM
- Local storage of Tufin zones in the IPAM
- Tufin metadata consolidation in the IPAM repository accessible via APIs
- Visibility in the IPAM web interface of Tufin’s security zones associated with subnets
- Filtering capabilities on Tufin security zones in all views
- Event trigger on any subnet action for immediate Tufin notification

Availability

SOLIDserver from Release 6 onwards, Tufin SecureTrack version 18



REV: C-190328

As one of the world’s fastest growing DDI vendors, EfficientIP helps organizations drive business efficiency through agile, secure and reliable network infrastructures. Our unified management framework for DNS-DHCP-IPAM (DDI) and network configurations ensures end-to-end visibility, consistency control and advanced automation. Additionally, our unique 360° DNS security solution protects data confidentiality and application access from anywhere at any time. Companies rely on us to help control the risks and reduce the complexity of challenges they face with modern key IT initiatives such as cloud applications, virtualization, and mobility. Institutions across a variety of industries and government sectors worldwide rely on our offerings to assure business continuity, reduce operating costs and increase the management efficiency of their network and security teams.

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