SecureApp

Application Connectivity Management

Security Policy Orchestration:

The Tufin Orchestration Suite™ extends the benefits of IT automation to network security. Around the world, over 1,200 organizations are using Tufin's award-winning products to accelerate service delivery, increase IT agility, and reduce the time spent on security changes and audits by up to 80%.

A complete solution for designing, implementing, and auditing network security changes, the Orchestration Suite includes:

SecureTrack:
Firewall Management

SecureChange:
Network Change Automation

**SecureApp:
Application Connectivity
Management**

Tufin SecureApp™ is an automated solution that enables organizations to easily define, update, monitor and remove applications and services from the network. Today's network security professionals spend more than 80% of their time making application-related changes and diagnosing network connectivity problems. By providing detailed insight into an application's connectivity needs and status, SecureApp helps to accelerate service deployment, assure business continuity and simplify network operations. An integral part of the Tufin Orchestration Suite, SecureApp delivers the benefits of network change automation for the application deployment lifecycle.

Streamline Application Deployment

SecureApp enables application owners and network engineers to define application components - such as web servers and databases - and the relationships between them. Once connections are defined, you can submit change tickets that automatically translated the required application changes into network access requests. Customized workflows guide the design, approval, and implementation of the required network policy changes.

SecureApp serves as a central console for all network-related application changes, ensuring that the network is always aligned with changing application requirements.
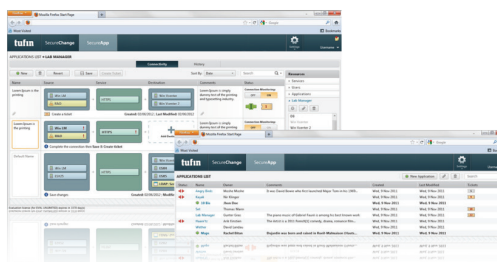
Improve Team Collaboration

With an intuitive user interface, SecureApp finally makes it possible for application teams and network teams to communicate effectively, eliminating the miscommunication that leads to errors and wasted time. Application teams use a simple interface to define and update their application's resources and dependencies, while network engineers handle automatically generated change tickets.

Through an intuitive self-service portal, different stakeholders can request access to applications - without having to understand anything about the application architecture, the underlying network topology and device configurations.

Automate Application Discovery

With SecureApp, it's simple to document the network connectivity of all your applications using Application Discovery, which analyzes network traffic to reveal the communication paths associated with servers. You can also import application definitions from external sources such as CMDBs, firewall rule bases and other repositories.

T-Series Appliances

Monitor and Diagnose Application Connectivity

SecureApp provides a complete, accurate view of end-to-end application connectivity. Once an application is defined and connections are configured, SecureApp uses Topology Intelligence to simulate network access paths, and continuously displays the connectivity status across firewalls, routers and load balancers. It monitors network device configurations and alerts business owners to changes that could impact application availability. SecureApp also provides graphical diagnostic tools that help you to understand and troubleshoot connectivity issues.

Automate Application-related Network Changes

Making application changes – such as deploying or decommissioning a server – is easy with SecureApp. You simply change the IP address of the server in SecureApp, and generate a change ticket that automatically identifies all of the required network configuration changes. When it is time to decommission an application, SecureApp automatically identifies the policy rules that need to be changed or removed across all affected firewalls and routers, eliminating unneeded access that can lead to a security breach. SecureApp proactively creates cleaner, more reliable network configurations. SecureApp also lets you define and maintain dependencies between applications and services so you can understand how changing one application server affects other applications.

Integration with F5 Application Delivery Controllers

SecureApp goes beyond firewalls and routers to include load balancers. It automatically identifies when an application element such as a web server is load-balanced, to simplify the process of defining an application connection. Through continuous monitoring, SecureApp alerts application developers to relevant load-balancer configuration changes, for example, deployment of new servers for increased scalability.

Interoperability through RESTful APIs

SecureApp features a REST API framework for full automation of application-related network tasks such as deployment, migration and decommissioning. The API allows seamless integration with other management systems and easy extension of self-service portals. By leveraging the SecureApp application model, rather than simple network connections, your organization is one step closer to a Software Defined Data Center.

Ensure Continuous Compliance

SecureApp automatically documents every firewall rule and ACL, indicating which application uses the connectivity. With SecureApp, you can always correlate between the network configuration, change tickets, and your applications – throughout the application lifecycle.

SecureApp enables security teams to successfully pass audits and to ensure Continuous Compliance with regulatory and corporate standards. For IT security auditors, SecureApp provides the business justification for network connectivity rules, eliminating days of painstaking audit preparation. Finally, the application decommissioning process ensures that unused rules and objects are removed, another common compliance obligation.

Orchestrate Your Network

SecureApp is an integral part of the Tufin Orchestration Suite, which accelerates service delivery, improves efficiency and ensures security - while facilitating communication throughout the organization.

The Orchestration Suite intelligently analyzes the network, automates configuration changes and proactively maintains security and compliance across the entire enterprise network. By improving network security processes, organizations using the Orchestration Suite will have a positive impact on the entire business by reducing the time and cost to implement changes by 80 percent. An essential component of the Orchestration Suite, SecureApp extends the benefits of network security automation to cover the application lifecycle.

tufin

Making Security Manageable

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