InfraKnit

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Product Datasheet

Network
Performance & Behavior Analysis

Network Performance & Behavior Analysis software tools are designed to add an additional level of security to other security software like intrusion prevention systems (IPS), firewalls or security information and event management (SIEM) systems.
The importance is of these tools are for any business is that wants to take a proactive approach to preventing attacks before they happen and limiting damage from attacks when they do happen. As hackers, viruses, malwares, and DDoS attacks become more and more common, Network Performance & Behavior Analysis tools become more valuable.

InfraKnit Technologies (integrated with InfraKnit NMS) provides the following features for Network Performance & Behavior Analysis with Advanced Analytics and Reporting Capabilities:

1. *Network Visibility*
2. *Threat Identification*
3. *Threat Mitigation*
4. *Network Behavior Detection*
5. *Network Troubleshooting*
6. *Network Audit*
7. *Network Analysis Reporting*
8. *Event Notifications*

Software Specifications-

Key Features-

1. Unified Dashboard
2. Intuitive Visualization
3. Infrastructure Insights
4. Anomaly Detection (Network, Server, Application, Database, User, Session)
5. Flow Analysis (NetFlow, sFlow, jFlow, IPFix)
6. Stream Analysis
7. Packet Analysis
8. Application Profiling
9. Attack Detection (Ransomware, Malware, Virus, DDoS, Worms, Misc)
10. Resource Detection
11. Geo-IP Detection & Analysis
12. Performance Analysis
13. Bandwidth Analysis
14. Network Discovery
15. Algorithms using Artificial intelligence, Machine Learning & Data Science Frameworks

a. Events Console
b. Realtime Alerts
c. Notification Manager
d. Incident Ticketing
e. Custom Scripting Support
f. RBAC Support for LDAP & AD
g. In-Built Data Archival & Maintenance
h. Interactive Charts & Graphs
i. Reports Library
j. Wide variety of Protocol Support (IP, TCP, UDP, Others)
k. Long-term Data Archival & Maintenance
l. Modular Plug-ins for Extended Monitoring
m. API SDK for Northbound Southbound Integration
n. 3rd Party System Integration Support
o. Standalone & Distributed Support
p. Professional Customization Services
q. Long-term OEM Support

Hardware or Virtual Host Specifications-

Recommended: Intel Xeon 3.0Ghz Quad Processor, 32GB RAM, 1TB Storage, 1Gbps Network Interface.

* Optional Modules for Base Product. To be Purchased Separately.