



TAG Insights IP Reputation Data Sheet



Overview

- Every packet on the internet has a source and a destination IP address.
- Preventing communication from malicious IP addresses is an effective way to protect networks, but it can be difficult without accurate and up-to-date threat intelligence.
- **TAG Insights IP Reputation Service** provides this capability, enabling customers to better protect their networks and end users.

Bad Actors and IP addresses

Today, cyber criminals have a wide range of exploits and attack vectors at their disposal. They use a variety of techniques to hide their identities and activities including encrypted communications, URL redirection, DNS cache poisoning and hyperlink obfuscation.

One of the most effective ways to keep networks safe and secure is to prevent inbound communications from IP addresses that are known to be bad actors. These IP addresses are often associated with other malicious online objects, such as spam sources, Windows exploits, and botnets.



TAG Insights IP Reputation Service

TAG Insights IP Reputation Service provides up-to-date intelligence on IP addresses, enabling customers to identify and block malicious traffic before it reaches their networks.

The service is powered by the TAG Insights ML Platform, which uses a machine learning architecture to provide the most comprehensive and accurate threat intelligence available on the market today. This intelligence is updated continuously, so customers can be confident that they are always using the latest information to protect their network and end users.

Benefits of the TAG Insights IP Reputation Service

The TAG Insights IP Reputation Service offers a number of benefits for customers, including:

- **Increased security:** The service can help customers block malicious traffic before it reaches their networks, reducing the risk of data breaches, malware infections, and other attacks.
- **Enhanced efficiency:** The service can help customers to automate their security processes, freeing up time and cycles to focus on other tasks.
- **Reduced costs:** The service can help customers reduce the cost of security by reducing the need for expensive hardware and software based on reduced network traffic.



Summary

TAG Insights IP Reputation Service is a valuable tool for customers who want to improve the security of their networks. The service provides up-to-date intelligence on IP addresses, enabling customers to identify and block malicious traffic before it reaches their network. This can help to reduce the risk of data breaches, malware infections, and other attacks.

The TAG-Insights ML Platform analyzes and correlates data to create a risk profile for every IP address. Higher risk profiles indicate IP addresses that are more likely to be or become malicious, and are monitored at a greater frequency than trustworthy IPs.

The reputation profile enable enterprises to finely tune their security settings based on their risk tolerance and business requirements. This enables customers to proactively prevent attacks by limiting the exposure of their networks to dangerous or risky IPs.

Customer Benefits

- **Minimize false positives:** Harness the world's most powerful cloud-based security analysis engine.
- **Easy to integrate, easy to use:** Simple integration into your solution via RESTful API
- **No impact on your network:** Protects through your network devices and increases user capacity by eliminating unwanted traffic.

By using the TAG Insights IP Reputation Service, customers can minimize false positives, and easily integrate the service into their solutions. The service also has no impact on customer networks, and can even increase user capacity by eliminating unwanted traffic.

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TAG Insights IP Reputation in Action

TAG Insights IP Reputation is a service that helps organizations protect their networks from malicious IP addresses. The service uses a variety of methods to identify and track suspicious IP addresses, including:

- **Automated algorithm:** TAG Insights uses an automated algorithm to identify IP addresses that have been associated with malicious activity.
- **Correlates by IP:** TAG Insights analyzes IP addresses to see if they have been associated with other malicious IP addresses or if they have been used to launch attacks in the past.
- **Applies built-in rules:** TAG Insights applies built-in rules to IP addresses to determine if they should be restricted.
- **Determines if and how long to restrict the IP:** TAG Insights determines if an IP address should be restricted and for how long.
- **Releases the restrictions on the IP but keeps it under watch:** TAG Insights releases the restrictions on an IP address but continues to monitor it for suspicious activity.

TAG Insights IP Reputation can be used to block traffic from malicious IP addresses, protect sensitive data, and track known proxies. The service can also be used to respond to man-in-the-middle attacks and phishing attacks.



Integration

TAG Insights IP Reputation is easy to integrate with existing security solutions. The service provides a RESTful API that makes it easy to integrate with a variety of security products, and includes 6 custom categories per user-account, so you don't need to manage IP's for internal or external environments and for various use-cases. TAG Insights IP Reputation also provides a full database that can be downloaded to the endpoint at configurable intervals.

Centralized Management

TAG Insights IP Reputation service includes the TAG CM platform which provides a comprehensive view of all subscriptions deployed and key information such as current status, expiration date, appliance serial number and time remaining on the subscription down to the individual device. This frees customers from the cumbersome management and manual tracking that most solutions require.

Customer Success

TAG Insights IP Reputation has been successfully integrated with a variety of security solutions from firewalls to network load balancers. TAG Insights customers have had great success using the service to protect their customers from malicious IP addresses.

If you are looking for a way to protect your organization from malicious IP addresses, TAG Insights IP Reputation is a great option. The service is easy to use, easy to integrate, and effective at protecting against malicious activity.

