Hillstone NETWORKS

Regional Government of the Amazon relies on Hillstone for Securing its Critical Assets

Customer

The Regional Government of the Amazon is a legal public entity in Peru, with administrative, political and economic autonomy. Its mission is to work for the economic development of the region through the efficient management of financial, human and material resources. They achieve this through initia-tives in the public and private sector, as well as the civil society.

The region, according to the 2017 Population Census, hosts 379,384 inhabitants, distributed in 84 district municipalities and 7 provinces municipalities, in a total area of 39,249.13 km^2.

Challenge

Cyber security is increasingly gaining more attention in the agenda of governments, due to the ever growing wave of cyber-attacks in the world, and Peru is not exempt from these attacks. Companies, institutions and government entities are the preferred target of those who engage in cybercrime. Therefore, the importance of having measures that mitigate and avoid these cybersecurity risks means having reliable and efficient solutions that guarantee security.

Organizations constantly conduct operations and procedures online, managing a massive flow of information as well as money. There is a great need to protect this flow of information and capital. Therefore, the challenge that the Regional Government of the Amazon has is to minimize the threat to the services it provides its population, as well as to guarantee the availability of the applications used by its personnel.

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Solution

Hillstone Networks recommends the server Breach Detection System (sBDS) for this case, due to the requirement to protect the internal network of the organization. The Hillstone I-Series sBDS is a platform that identifies advanced threats that lurk within an internal network, and affected from BYOD (bring your own device) of the company employees. These advanced threats take advantage of fuzzy security limits and flat internal networks, spreading rapidly once they penetrate into the network's interior.

Hillstone sBDS adopts multiple technologies for the detection of threats that include both traditional, signature-based technology, and intelligent security detection that based on big data and machine learning. These provide an ideal solution to detect attacks from unknown threats, to protect high-value critical servers and prevent them from leaking or stealing confidential data. Along with deep threat analysis capabilities, and network traffic analytics (NTA), Hillstone sBDS provides security administrators with effective means to detect IOC (Indicator of Compromise) events and abnormal traffic, restore the threat attack chain and provide broad visibility into the analysis and mitigation of threat intelligence.

Conclusion

The deployed solution monitors the activities of server, applications and data, giving real-time visibility on the activities that are carried out. In this way, it protects the data and ensures business continuity.

"The Server Breach Detection System from Hillstone helps us to be protected from threats by detecting the use of devices and access to data that appear abnormal in our network; it has allowed us to adopt measures to avoid attacks. To date, there have been no interruptions of the systems, and availability at 24/7",

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