Patent Search

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Abstract:

[024] The present invention discloses a system for providing cyber security by improved predictive potential of Machine Learning and method thereof. In the present report of network activity having a score, which is calculated based on the reported behaviour and a scoring model, with the score indicating the possibility of a secur using a machine learning interface; an analytic module for checking the score to make sure it's not a false positive by doing a probe on one or more hosts in the netw the alert generated and once it's established that the alert is legitimate, the scoring system is updated automatically, and any network activity that falls below a prede threshold is flagged as suspicious. Accompanied Drawing [FIGS. 1-2]

Complete Specification

Description:[001] The present invention relates to the field of the network security through an automated system and method for detecting, evaluating and reportir network threats. The invention more particularly relates to a system for providing cyber security by improved predictive potential of Machine Learning and method BACKGROUND OF THE INVENTION

[002] The following description provides the information that may be useful in understanding the present invention. It is not an admission that any of the informati provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[003] Further, the approaches described in this section are approaches that could be pursued, but not necessarily approaches that have been previously conceived pursued. Therefore, unless otherwise indicated, it should not be assumed that any of the approaches described in this section qualify as prior art merely by virtue c inclusion in this section.

[004] Security data, for instance, is not being presented to analysts and customers, two significant consumers of this sort or category of data. The current threat lan necessitates a more comprehensive approach than is typically provided by traditional portals that support security analysis or a customer base. This is because of tl volume of data that needs to be presented in order for decisions to be made swiftly, by the right people, and for the right reasons. When it comes to real-time threa root-cause analysis, metrics based on analysts assigned to monitor and secure company assets, and vulnerabilities associated with those assets, these "security por typically don't have this comprehensive approach reflected to the customer in an easily readable, graphics-intensive illustration.

[005] Accordingly, on the basis of aforesaid facts, there remains a need in the prior art to provide a system for providing cyber security by improved predictive poter Machine Learning and method thereof. Therefore, it would be useful and desirable to have an improved system, method, apparatus and interfaces to meet the abo

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