Which firewalls are currently available commercially?

This report provides an index of firewall tools as of May 2, 2011. It summarizes pertinent information and provides users with a brief description of available firewall tools and contact information. The written descriptions are based solely on vendors’ claims and intended only to highlight the capabilities and features of over 60 firewall products. Sources of available product evaluations are also identified. READ MORE
Case Studies on America’s Ransomware Attack Preparedness

Cybersecurity becomes increasingly challenging as criminal tactics evolve and adapt. American companies are at the forefront as they race to strengthen network security in response to cyberthreats. In 2021, the United States experienced the most ransomware threats at 421.5 million—a sharp increase from 2020.

To assist companies in preparing for and responding to cyberattacks, the U.S. Senate Committee on Homeland Security and Governmental...

FEATURED NEWS

CISA Releases Secure Cloud Business Applications (SCuBA) Guidance Documents for Public Comment

CISA has released draft versions of two guidance documents—along with a request for comment (RFC)—that are a part of the recently launched Secure Cloud Business Applications (SCuBA) project:

1. SCuBA Technical Reference Architecture (TRA)
2. Extensible Visibility Reference Framework (eVRF) Program Guidebook

The public comment period for the RFC guidance documents closes on May 19, 2022. READ MORE

Image: Cloudonomics
Evaluating the Resiliency of Artificial Intelligence (AI) Systems: An Overview of Adversarial AI

Presented: May 17, 2022 12:00 PM - 1:00 PM

Presenter: Maj. Nathaniel D. Bastian, Ph.D.
Host: CSIAC

As highlighted in the Summary of the 2018 Department of Defense (DoD) AI Strategy, the DoD is committed to leading in military ethics and AI safety. As a focal point of the strategy, the DoD seeks to ensure that developed and deployed AI systems are resilient (i.e., secure and robust). This webinar will provide an overview of adversarial AI, which are countermeasures that adversaries may deploy against our AI systems, and the evaluation steps and defenses needed to safeguard performance. Specifically, the following subtopics will be introduced: spanning adversarial AI countermeasures, adversarial AI access paradigms, adversarial AI attacks, system-level and algorithmic counter-AI defenses, counter-AI analysis, and demonstration of an open-source adversarial robustness toolbox. Overall, testing, evaluating, and assessing AI systems are resilient (i.e., secure and robust). This webinar will provide an overview of adversarial AI... LEARN MORE
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