cavirin

CEPHEID & CAVIRIN

Cepheid, now part of Danaher, is a US-based molecular diagnostics company that develops and manufactures systems for clinical market testing. Its systems automate complex and time-consuming manual procedures, a natural match to Cavirin that does the same for security risk and compliance. The company has been a customer of Cavirin for over a year, securing their OS infrastructure and improving their security posture.

OS HARDENING

Cepheid was looking for multi-layer security, where 'OS hardening', often referred to as 'OS security', is an integral part of the solution. They wanted to secure the OS itself as separate from and complementary to traditional vulnerability scanning, which deals with shorter-term exploits (which Cavirin also supports). One way of looking at the differences is to use an analogy that James Tu from Cepheid recently made:

"Vulnerability scanning tells you what windows and doors you have issues with, but OS hardening tells you which windows and doors you have issues with that need to be secured and how to correct them to reduce your attack surface."

This capability is fundamental to securing any server or device before placing it in production.

REMEDIATION

Cepheid is also focused on remediation, the ability to quickly bring a server back to a known security baseline if something is identified as a potential risk. The speed of remediation is based on the risk and the asset type, as well as the industry recommendations. For remediation, Cepheid takes advantage of the broad set of Center for Internet (CIS) guidelines and frameworks integrated and automatically updated on the Cavirin Platform. This advancement eliminates the requirement to subscribe to CIS and removes the burden of constantly having to monitor the depository for the latest security updates.

> *"Cavirin provides assurance that Cepheid will not only be in compliance today, but will continue to be in compliance in the future. This is a unique feature, and I've not seen any company with a similar capability."* James Tu, Cepheid

LOOKING FORWARD

Looking to the future Cepheid, given their role in medical devices, intends to extend the HIPAA use case on the Cavirin platform, and is also looking forward to increasingly sophisticated analytics which will tie together risk assessments across different parts of their infrastructure.

Cepheid®