

ABSTRACT**EXTRACTING MALICIOUS INSTRUCTIONS ON A VIRTUAL MACHINE
IN A NETWORK ENVIRONMENT**

A system including a guest virtual machine with one or more virtual machine measurement points configured to collect virtual machine operating characteristics metadata and a hypervisor control point configured to receive virtual machine operating characteristics metadata from the virtual machine measurement points. The hypervisor control point is further configured to send the virtual machine operating characteristics metadata to a hypervisor associated with the guest virtual machine. The system further includes the hypervisor configured to receive the virtual machine operating characteristics metadata and to forward the virtual machine operating characteristics metadata to a hypervisor device driver in a virtual vault machine. The system further includes the virtual vault machine configured to determine a classification for the guest virtual machine based on the virtual machine operating characteristics metadata and to send the determined classification to a vault management console.

(FIG. 1)