

Dear Alert Logic Customer,

In December 2017, an older vulnerability resurfaced publicly that impacted a number of websites and online services, as well as some software applications that run on web servers. The vulnerability, known as ROBOT, was first discovered in 1998 and impacts some SSL implementations by enabling an attacker to perform decryption of sensitive data and message signing.

In some cases, some vulnerability scanners have flagged the ROBOT vulnerability as being present on Alert Logic appliances. Product Management initiated internal engineering teams to analyze the vulnerability and determine if the reports are valid.

From our analysis, we have determined that our appliances are not vulnerable to ROBOT. Due to how vulnerability scanners operate, they often have issues enumerating software versions or accurately identifying the vendor type of a specific application, such as SSL. In the case of our appliances, Alert Logic utilizes secure versions of OpenSSL, which have been found to not be vulnerable to ROBOT.

In addition, scanners may note that the certificate that is in use by the appliance has a validity longer than 3 years. This is likely detected by the scan running against port 7777. When a connection is made, the certificate presented by the appliance to a connecting agent is a proprietary version that is signed by a private certificate authority. This method is secure but does often cause vulnerability scanners to trigger this as a vulnerability because it cannot verify the certificate authority.

Going forward, in an effort to eliminate these specific false positives, Alert Logic Engineering has identified some changes that will be made that will enable vulnerability scanners to accurately identify the configuration related to these vulnerabilities. This work is in planning and a release date will be confirmed imminently.

For any questions or concerns, please contact Alert Logic Support:

US: 877.484.8383 (select option 2)

UK: +44 (0) 203 011 5533 (select option 1)

support@alertlogic.com

Regards,
Alert Logic Customer Support