



Action Security Alert

Communication Content

January 22, 2021

Dear Valued Actian Customer,

Information security is of utmost priority to Actian. A new vulnerability has recently been identified in the HVR 5.6 and 5.7 releases. We have given this vulnerability a security threat level of "low" as it relates to the impact on HVR. We recommend that you evaluate your installation to determine whether the available security patches should be applied as soon as possible.

Please be advised that an internal review of HVR's software by a leading software security company uncovered security vulnerabilities that may affect your implementation. We recommend that you upgrade HVR if you use HVR's network encryption (TLS/SSL), or if your HVR installation uses `hvrvalidpw` for authentication.

Note that these vulnerabilities only affect users that either use HVR's SSL/TLS communication, or `hvrvalidpw`. Installations that do not use this are not affected.

With SSL/TLS enabled HVR will in some cases communicate using a lower than expected TLS version, resulting in insecure encryption. Note HVR SSL/TLS can be enabled between hub and agent, but also between hub and GUI. If HVR runs on-premises behind a firewall then this would only provide exposure to anyone who is already behind the firewall.

With `hvrvalidpw` there is a possibility to bypass that authentication using a backdoor, although the possibility of this is extremely low. Similarly, if HVR runs on-premises behind a firewall then this vulnerability would only provide exposure to anyone who is already behind the firewall.

You can download the latest patches that address this issue for your release of HVR from [ESD](#). Use the latest patch for the HVR version you currently use (e.g. 5.6.0, 5.7.0). You can find the upgrade steps in the HVR documentation [here](#).

For more information about Actian security alerts and to register to proactively receive these alerts by email, please register at the [Actian Support Services site](#).

Thank you,

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