ESA-20180417-03
SmartServer and i.LON 600 Default Credentials

Overview

The SmartServer and i.LON 600 products come with a default username and password. No password change is required on initial setup. Echelon recommends that integrators always change the username and password on initial installation.

Affected Products

All SmartServer 2, SmartServer 1, i.LON 100, and i.LON 600 products.

Vulnerability Overview

The SmartServer and i.LON 600 products are shipped with a default username and password of **ilon** / **ilon**. This default is published in publically available documentation for the products, and as a result is not secure. An attacker can attempt to use the default username and password with any installed SmartServer or i.LON 600. Using the default username and password, an attacker can replace the SmartServer or i.LON 600 firmware binaries and modules with malicious versions to execute arbitrary code.

Risk Evaluation

The risk is high with the default settings, but can be mitigated by changing the username and password during the initial installation as described in the next section.

Mitigation

During initial installation, change the username and password. For the SmartServer and i.LON 100 products, the procedure is described in Appendix C, *Securing the SmartServer*, of the *SmartServer User's Guide*. For the i.LON 600 products, the procedure is described in Appendix E, *i.LON 600 Web Server Parameters Application*, of the *i.LON 600 User's Guide*.

Acknowledgement

Echelon thanks Daniel Crowley and IBM's X-Force Red team for reporting the vulnerabilities.

History

V1.0 (2018-04-17): Initial publication

PGP Signature

To send an encrypted communication to Echelon concerning any security vulnerability questions, reports, or issues, use the following PGP key:

-----BEGIN PGP PUBLIC KEY BLOCK-----

mQENBFrCu+QBCADim1Dv1Xj+wYUMpniZM0J5Cv9VtBK95NrW3U956p6s6w/WAbBj
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UzV1yg==
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-----END PGP PUBLIC KEY BLOCK-----