



Secure Software Certification

This certification documents that I, the undersigned, have personally reviewed the source code, built the release described below, and deployed that release to the production server for the **https://app.xecret.io** web app. To the best of my knowledge, the site contains no malware or exploitable loopholes to compromise customer secrets. In addition, the web application is designed not to send customer secrets across the wire, but rather firstly, to encrypt them and allow the user to print them on the client side, and secondly, to allow recovering and displaying them entirely on the client side. Such a client side approach can be audited and verified by any member of the public, as it does not depend on any "black box" functionality within the server.

As long as customers follow Xecret's suggested best practices including offline use, the experience of generating and recovering Xecrets via app.xecret.io and the QR code sharing mechanism is a trustworthy experience that I would not hesitate to use myself to protect a valuable secret.

As part of establishing a trusted baseline, I have recorded the SHA-256 hashes of end user visible scripts and publicly retrievable pages for app.xecret.io.

All file contents are treated as binary data, and filenames are represented as UTF-8 for binary representation purposes. Text files are stored on disk as UTF-8 with no BOM header. The publicly visible paths are hashed as a root URL path excluding the domain name and https protocol specifier.

Certification of review and approval:

Name: Andrew Vogan
Role: Software Engineer
Email: avogan@private.me
Date: 2023-11-02

Signature:

A handwritten signature in black ink, appearing to read "Andrew Vogan", written over a horizontal line.

Git revision of internal files:

8088c813d4e8379ef343b3ebb8061cf201c94548

Summary hash of public facing files (details appended separately below):

2bd28d11b452232a4924e25b10bdca123f131fda8a4a4c2832d28ad3ceb241a0

Appendix: public facing URLs and script files with SHA-256 content hashes:

static/index.html:8fc7fblfd347c80ea40feb6833f68b96c77bce728ccc490115e65a454de7c74f|static/admin/css/autocomplete.css:d2c2d4f848eb019f96d3ac8ad5318ad1c45200abb758095ded9af6eb97f78e1e|static/admin/css/base.css:fab1361d89928ec7ad27b8395d7b4558efe82e8c0e66198b7a684acb4298e803|static/admin/css/changelists.css:19567e9688ee3fefda38d65ec74135a006024b1271b11adb204ac8e723688f73|static/admin/css/dashboard.css:bfdef3f1daa5b6edddccabe2ad880930f9d7af7df09188a8b9bf70324995e381|static/admin/css/fonts.css:0c6b66a148c4998bc09994671839174060c70df9a6270cbab31fcfa569e06f53|static/admin/css/forms.css:a9bfa42d479cffdeae0f02a60d31f2beb871e9d57d0d0012411ec42c10b20832|static/admin/css/login.css:ffe8cf67b9846a563c7bfff3cbb847be690339c18d5715b1b5dc633c1c513319e|static/admin/css/nav_sidebar.css:b826c6136e77fac26fa7f27afca15ad112ee7ecf9866672d28c3ef120b1c720e|static/admin/css/responsive.css:324474f3b07a38c16095bee0bf8ab26e420deefcbea6b4cf6d869770dba86035|static/admin/css/responsive_rtl.css:28a64caacb1e159ef91560329854fd4c278afab23f5a56c89df9f891d276dbcf|static/admin/css/rtl.css:920c7f4df9a6c9e2c4d829a464705e4e7cf41293ccb50555601d51d2d5c12f76|static/admin/css/widgets.css:e54126ca68189988f022cd4b3fba5d4a26dc4c4d13687a7e0a1fla53860a2fab|static/admin/css/vendor/select2/select2.css:cf7d54fa0a7ec414cab25e391ec3ad86beb6f857d8ac121fca34a4bfe22ea4f5|static/admin/css/vendor/select2/select2.min.css:044efea78208376302aad3808aaabdf3c2f7bdd80ba9d55c9e0e4d3baa7a3908|static/admin/js/actions.js:413b82f3809325916571d02bd50d15cabb85b0b9a906f3f40ab950b2085d0cf2|static/admin/js/autocomplete.js:6612351ad1121e1017b831cada99ad0e6724069df572c95489c3fd5ceb51eclb|static/admin/js/calendar.js:a00e365de27d14e7cb4ca62cf3c64d44d123bb7bac063edd891cbb05c901da60|static/admin/js/cancel.js:1b23a19018615ab46844cf1732f82683d09d89179e6bd2082437e27b16dc0d0a|static/admin/js/change_form.js:ac1105f02119afd6a695c38fff96af5619f457e808e131285625d9430b3365d9|static/admin/js/collapse.js:33163b2e7231185eb0f0ffe21626ef0350824713079a8a1fc2b583cf33bf089b|static/admin/js/core.js:acc14bc1815a434258f7dde85bff22dfb17b8c111a3467efeebc7e643aa28e4b|static/admin/js/inlines.js:0eedfd09016abce852c1a6e5efc9cf85c19e97f7be3c1116e2b5f7ed7c5fd5be96|static/admin/js/jquery.init.js:1b7428bb6f932a09d4554bb1ece96a2504a56c3448c399d40168668a3bafb770|static/admin/js/nav_sidebar.js:67bf53783c1fbl1a0887f0edca84052ab198f1e0c18e011b5ed1616cdc163afea|static/admin/js/popup_response.js:7b8bbd2e1cf663334390642e3285e73cc6025543460ef6ad87d7f0ae9b5611d3|static/admin/js/prepopulate.js:0e4c28ac31f50735e469cc2c1b8b2174d78b9572151b62341f827579cf7b401c|static/admin/js/prepopulate_init.js:dc1942e10ee89eb052d07cfded093efc38197bc43a50c9c72ba815e62bfb0f69|static/admin/js/SelectBox.js:ed53765d0681b0d35db31974d36db949091f8b5a725f1747ffa370c92148f137|static/admin/js/SelectFilter2.js:f0877f2173efdad672a380bfbef04c4f76074acd338c3a64f5b3bcc1c97dafcd8|static/admin/js/urlify.js:d24f8624c4579b68a006faab5086b361b866511d4181c3cb03d57d7e6d1a6dc8|static/admin/js/admin/DateTimeShortcuts.js:c879020a76ac18e8f90f097b882182ac635caaa2865832eeb5e68c91d0f70d1a|static/admin/js/admin/RelatedObjectLookups.js:f94a2cf84c5e09100fe0213dd3a6a0c29c896ad49d1b6939a77ccd55aed6252e|static/admin/js/vendor/jquery/jquery.js:37dcef803a3253294d3e8814f7b3f8965f6ab72f6a2a2503cad5e691d67a07b|static/admin/js/vendor/jquery/jquery.min.js:080e3039135627b78d5e6a4f64864d8728c0dc11206272fb59c4da245d91d4db|static/admin/js/vendor/select2/select2.full.js:a901877f4942f777f3e8a1a6cb1282f04decf75ea77b11d34f7e5fdfe4dc559|static/admin/js/vendor/select2/select2.full.min.js:5fdd298fed81e6aa9feaed11830971cc42f968aaa94e14449152c391e40d1a0|static/admin/js/vendor/select2/i18n/af.js:42c19c6ff30cad7d3e5cad45d6ffbd4bf391b234b131bdd0e7a6f04db8d13f08|static/admin/js/vendor/select2/i18n/ar.js:0ffad78c7b94075496f8de569af482a055220c4d9441bd88231e715e3f462d30|static/admin/js/vendor/select2/i18n/az.js:0862e5a1f1552d19e4f4e60716b2e8d769af26846b8ae0e824c69804796f479f|static/admin/js/vendor/select2/i18n/bg.js:25925b9d8f64d83ad9727e9719ec97d8d9175dd1e2e6fa2460c4a53083a0bf3d|static/admin/js/vendor/select2/i18n/bn.js:dfabde2274b296b557b6b8bbb9fd60e18c1d5723d46daec7c1f5c296e30719eb|static/admin/js/vendor/select2/i18n/bs.js:0a7248a34027e8f1dbe02fca7f6536b2eeefe36a223e2e4509c428492dbe2a731|static/admin/js/vendor/select2/i18n/ca.js:38c6c328704f3179f65768c71aa17a0aa5ae2e3537c342af3d49e165c00fae04|static/admin/js/vendor/select2/i18n/cs.js:f064c742d43e3c3bcf6f6ec52d62080c112f8ea3a07bc9f78211a256556d9f1c0|static/admin/js/vendor/select2/i18n/da.js:35b2ed3a4feaf2a52c53aec164f1d2cc40a3a1c9a33b0e540d08ba7b9ff761c4|static/admin/js/vendor/select2/i18n/de.js:78d2229ef59b43cf27ff321ce00f956e56eaa838787ced9979ecd145a3aa9a68|static/admin/js/vendor/select2/i18n/dsb.js:e45de5d80592a406100186b0b50b81f40845741307bfa09c66e6fc06161c5586|static/admin/js/vendor/select2/i18n/el.js:2b916cd2a05a2300373e1a63f5a5c9f68ec28c1a4cdfd6392a04ebc82e97b

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