

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Related issues | Security Fix |
|-----|------------|---------|-------------|-----------|--|--------------|----------------|--------------|
| 119 | CipherShed | Bug | Resolved | Immediate | DLL side loading attack vulnerability | Jason Pyeron | | |
| 107 | CipherShed | Bug | New | Immediate | Open Crypto Audit Project TrueCrypt CS-TC-1 - CryptAcquireContext may silently fail in unusual scenarios | | | |
| 108 | CipherShed | Bug | New | Urgent | Open Crypto Audit Project TrueCrypt CS-TC-2 - AES implementation susceptible to cache-timing attacks | | | |
| 27 | CipherShed | Bug | Resolved | High | Audit of 04af5c7 - Buffer Overflow: sprintf | | | |
| 49 | CipherShed | Bug | Resolved | High | use a unit testing framework | | Blocks #38 | |
| 77 | CipherShed | Bug | Resolved | High | boot loader is too big, regression on ff4d0578aff9269fdb654a213c850ce576fafd0a | | | |
| 117 | CipherShed | Bug | Resolved | High | Failure to function when compiled with GCC 5 | | | |
| 115 | CipherShed | Bug | Resolved | High | fails to build on stretch due to overloaded constructors | | | |
| 35 | CipherShed | Feature | Resolved | High | use Doxygen | | | |
| 22 | CipherShed | Bug | In Progress | High | Change name of software for "1.0" release. | Jason Pyeron | | |
| 21 | CipherShed | Bug | New | High | Method of mounting may be exploited | | | |
| 37 | CipherShed | Bug | New | High | Open Crypto Audit Project issues | | | |
| 38 | CipherShed | Bug | New | High | Weak Volume Header key derivation algorithm | | Blocked by #49 | |
| 39 | CipherShed | Bug | New | High | Sensitive information might be paged out from kernel stacks | | | |
| 40 | CipherShed | Bug | New | High | Multiple issues in the bootloader decompressor | | | |
| 41 | CipherShed | Bug | New | High | Windows kernel driver uses memset() to clear sensitive data | | | |
| 42 | CipherShed | Bug | New | High | TC_IOCTL_GET_SYSTEM_DRIVE_DUMP_CONFIG kernel pointer disclosure | | | |
| 43 | CipherShed | Bug | New | High | IOCTL_DISK_VERIFY integer overflow | | | |
| 44 | CipherShed | Bug | New | High | TC_IOCTL_OPEN_TEST multiple issues | | | |
| 45 | CipherShed | Bug | New | High | MainThreadProc() integer overflow | | | |
| 46 | CipherShed | Bug | New | High | MountVolume() device check bypass | | | |
| 47 | CipherShed | Bug | New | High | GetWipePassCount() / WipeBuffer() can cause BSOD | | | |
| 48 | CipherShed | Bug | New | High | EncryptDataUnits() lacks error handling | | | |
| 71 | CipherShed | Bug | New | High | passwords using non-ascii | | | |
| 94 | CipherShed | Bug | New | High | CipherShed Volume Creation Wizard: Encryption of Host Protected Area": "Encryption of Host Protected Area" class #32770 not initialized? | | | |
| 109 | CipherShed | Bug | New | High | Open Crypto Audit Project TrueCrypt CS-TC-3 - Keyfile mixing is not cryptographically sound | | | |
| 110 | CipherShed | Bug | New | High | Open Crypto Audit Project TrueCrypt CS-TC-4 - Unauthenticated ciphertext in volume headers | | | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Related issues | Security Fix |
|-----|------------|---------|-------------|----------|---|--------------|----------------|--------------|
| 16 | CipherShed | Task | New | High | Create list of all installed files / registry keys (Windows). | Rocki H | Related to #2 | |
| 30 | CipherShed | Bug | Resolved | Normal | Allowed character description is wrong | | Related to #31 | |
| 28 | CipherShed | Bug | Resolved | Normal | Audit of 04af5c7 - Buffer Overflow: strcat | | | |
| 29 | CipherShed | Bug | Resolved | Normal | Audit of 04af5c7 - Buffer Overflow: strcpy | Jason Pyeron | | |
| 86 | CipherShed | Bug | Resolved | Normal | Make ciphershed window titlebars different | | | |
| 101 | CipherShed | Bug | Resolved | Normal | boot loader password prompt takes 100% cpu in VM | | | |
| 112 | CipherShed | Bug | Resolved | Normal | uninstall on windows does not list version info | | | |
| 113 | CipherShed | Bug | Resolved | Normal | remove the donate screen from the installer | | | |
| 125 | CipherShed | Bug | Resolved | Normal | Makefile for bootloader fails on case sensitive filesystem | | | |
| 126 | CipherShed | Bug | Resolved | Normal | VS launcher breaks if using multiple VS and the default is not the one for CS | | | |
| 127 | CipherShed | Bug | Resolved | Normal | remove #if 0 code | Jason Pyeron | | |
| 51 | CipherShed | Bug | In Progress | Normal | GUID Partition Table (GPT) | Jason Pyeron | Related to #55 | |
| 55 | CipherShed | Bug | In Progress | Normal | Unified Extensible Firmware Interface (UEFI) | Jason Pyeron | Related to #51 | |
| 12 | CipherShed | Task | In Progress | Normal | Write Documentation | Eugene Wang | Related to #15 | |
| 14 | CipherShed | Bug | New | Normal | Fixes urls in ui (/aplink? links) | | Related to #25 | |
| 26 | CipherShed | Bug | New | Normal | Large External Drive Support on Mac (>512byte sector size) | | | |
| 23 | CipherShed | Bug | New | Normal | Windows 8 / 8.1 Fast Startup | Rocki H | | |
| 31 | CipherShed | Bug | New | Normal | there is duplicate code for password character checking | Jason Pyeron | Related to #30 | |
| 63 | CipherShed | Bug | New | Normal | 64 bit gui on 64 bit systems | | Related to #65 | |
| 72 | CipherShed | Bug | New | Normal | The installation fails, but a message (from windows?) says it succeeds and asks if you want to reboot | | | |
| 73 | CipherShed | Bug | New | Normal | Truecrypt icon showing in taskbar | | | |
| 74 | CipherShed | Bug | New | Normal | Hardcoded Build date in Help->About window | | | |
| 76 | CipherShed | Bug | New | Normal | MakeSelfExtractingPackage used in CI cannot have dialog boxes | | | |
| 78 | CipherShed | Bug | New | Normal | update the ciphershed.org website, automatically | | | |
| 83 | CipherShed | Bug | New | Normal | deduplicate file names | | | |
| 84 | CipherShed | Bug | New | Normal | wcsncpy is subject to buffer overflow | | | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Related issues | Security Fix |
|-----|------------|---------|--------|----------|--|---------------|----------------|--------------|
| 85 | CipherShed | Bug | New | Normal | Dlgcode.c is 9917 lines long, split it up | | | |
| 88 | CipherShed | Bug | New | Normal | smart card support for containers | | | |
| 95 | CipherShed | Bug | New | Normal | Platform/SystemException.h and Common/Exception.h define the same class/struct | | | |
| 111 | CipherShed | Bug | New | Normal | ui does not show free drives below c: e.g. A: or B: | Niklas Lemcke | | |
| 116 | CipherShed | Bug | New | Normal | create an option for private/global volume mounting | | | |
| 118 | CipherShed | Bug | New | Normal | upgrading truecrypt fails if truecrypt is pinned to the taskbar | | | |
| 123 | CipherShed | Bug | New | Normal | losetup anomaly with OpenSUSE 13.1 | | | |
| 32 | CipherShed | Feature | New | Normal | truecrypt.ch ideas thread | | | |
| 33 | CipherShed | Feature | New | Normal | windows comamnd line volume creation | | | |
| 34 | CipherShed | Feature | New | Normal | windows mount point support | | Related to #60 | |
| 36 | CipherShed | Feature | New | Normal | support multiple actors to open an encrypted volume | | | |
| 50 | CipherShed | Feature | New | Normal | Linux FDE | | Related to #5 | |
| 57 | CipherShed | Feature | New | Normal | Skein support | | | |
| 60 | CipherShed | Feature | New | Normal | Enhanced UX - shell extension for container management | | Related to #34 | |
| 61 | CipherShed | Feature | New | Normal | optionally support TPM | | | |
| 62 | CipherShed | Feature | New | Normal | Administrative Configuration for Enterprise IT | | | |
| 65 | CipherShed | Feature | New | Normal | pure 64 bit version for windows | | Related to #63 | |
| 66 | CipherShed | Feature | New | Normal | provide robust API for usermode interaction with kernel driver | | | |
| 67 | CipherShed | Feature | New | Normal | print a backup | | | |
| 70 | CipherShed | Feature | New | Normal | track git info in build | | | |
| 81 | CipherShed | Feature | New | Normal | Decrypt System drive via commandline | | | |
| 82 | CipherShed | Feature | New | Normal | add sparse file detection to non-windows versions | | | |
| 89 | CipherShed | Feature | New | Normal | Support the Common Criteria Collaborative Protection Profile for Full Disk Encryption | | | |
| 90 | CipherShed | Feature | New | Normal | cipher setting preference file | | | |
| 91 | CipherShed | Feature | New | Normal | use linked libraries in kernel driver to isolate logical units and later support plugins | | | |
| 92 | CipherShed | Feature | New | Normal | allow change of cipher/key on encrypted container without decrypting | | | |
| 93 | CipherShed | Feature | New | Normal | support "quick" encrypt for new media (especially flash/SSD) | | | |
| 96 | CipherShed | Feature | New | Normal | installer to incorporate a post-installation quick-start wizard | | | |
| 97 | CipherShed | Feature | New | Normal | Suggestion 1 — Do not use unknown terminology | Niklas Lemcke | | |
| 98 | CipherShed | Feature | New | Normal | Suggestion 2 — Do not misuse native UI controls | Niklas Lemcke | | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Related issues | Security Fix |
|-----|------------|---------|--------|----------|--|--------------------------|---|--------------|
| 102 | CipherShed | Feature | New | Normal | support for serial console in bootloader | | | |
| 99 | CipherShed | Feature | New | Normal | Suggestion 3—Separate required and optional input parameters | | | |
| 100 | CipherShed | Feature | New | Normal | Suggestion 4—Display the consequences of an action immediately (Immediacy of consequences) | | | |
| 121 | CipherShed | Feature | New | Normal | Support "not" burning CD on encrypting disk operation | | Related to #68 | |
| 122 | CipherShed | Feature | New | Normal | support key escrow | | Related to #68 | |
| 124 | CipherShed | Feature | New | Normal | investigate switch to FUDforum from phpBB | | | |
| 1 | CipherShed | Task | New | Normal | Detailed review of Windows constant strings | Paweł Zegartowski | Related to #2 | |
| 2 | CipherShed | Task | New | Normal | Upgrade installer to uninstall TrueCrypt | | Related to #1, Related to #13, Related to #16 | |
| 3 | CipherShed | Task | New | Normal | Finish initial bitmaps and icons | | | |
| 4 | CipherShed | Task | New | Normal | Get Windows executable signing key | Bill Cox | | |
| 5 | CipherShed | Task | New | Normal | Linux build, installer, VM | Kyle Marek | Related to #50 | |
| 6 | CipherShed | Task | New | Normal | Windows build, installer, VM | Bill Cox | | |
| 7 | CipherShed | Task | New | Normal | Mac build, installer, VM | Jason Pyeron | | |
| 8 | CipherShed | Task | New | Normal | Get graphics artist to work on artwork, icons | | | |
| 9 | CipherShed | Task | New | Normal | Create check-list of features to be tested | Pier-Luc Caron St-Pierre | | |
| 13 | CipherShed | Task | New | Normal | List of all version numbers | Rocki H | Related to #2 | |
| 15 | CipherShed | Task | New | Normal | Create Gnu Info page | Eugene Wang | Related to #12 | |
| 17 | CipherShed | Task | New | Normal | Create debian packaging | | | |
| 18 | CipherShed | Task | New | Normal | Create rpm packaging | | | |
| 19 | CipherShed | Task | New | Normal | Create pkgbuild for arch | | | |
| 20 | CipherShed | Task | New | Normal | Create dmg for os x | | | |
| 24 | CipherShed | Task | New | Normal | Add Windows 8 / Server 2012 | Rocki H | | |
| 25 | CipherShed | Task | New | Normal | Broken applinks | | Related to #14 | |
| 64 | CipherShed | Task | New | Normal | Rewrite or remove LongReverse in Common/Dlgcode.c | | | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Related issues | Security Fix |
|-----|------------|---------|----------|----------|--|------------|----------------|--------------|
| 114 | CipherShed | Task | New | Normal | Real, unified makefiles | Kyle Marek | | |
| 105 | CipherShed | Bug | Resolved | Low | Debian Jessie Complication Error: wx3.0 | | | |
| 104 | CipherShed | Bug | Resolved | Low | wxgtk 2.9, CommandLineInterface, ambiguous overloaded function calls | | | |
| 56 | CipherShed | Bug | New | Low | FreeBSD support | | | |
| 59 | CipherShed | Bug | New | Low | optimized rescue disk | | Related to #52 | |
| 80 | CipherShed | Bug | New | Low | TEST CASE: ubuntu 14 GUI install | | | |
| 10 | CipherShed | Feature | New | Low | Two-factor Pre-boot-authentication with USB stick and Password | | | |
| 11 | CipherShed | Feature | New | Low | Cipher set enablement | | | |
| 52 | CipherShed | Feature | New | Low | recovery utility & tools | | Related to #59 | |
| 53 | CipherShed | Feature | New | Low | Portable / non-admin volume browser | | | |
| 54 | CipherShed | Feature | New | Low | Self Destruct Password | | | |
| 58 | CipherShed | Feature | New | Low | Tablet / Touch screen / non-keyboard boot support | | | |
| 69 | CipherShed | Feature | New | Low | integration test: mounting and sharing volumes | | | |
| 75 | CipherShed | Feature | New | Low | code coverage - ConvertUTF.c | | | |
| 79 | CipherShed | Feature | New | Low | document a list of file systems compatible with Hidden Volume usage | | | |
| 87 | CipherShed | Feature | New | Low | support multiple hidden volumes | | | |
| 103 | CipherShed | Task | New | Low | Const Correctness | | | |
| 106 | CipherShed | Task | New | Low | Disable GitHub issue tracker | | | |