

## Issues

| #   | Project    | Tracker | Status      | Priority | Subject  | Assignee                    | Related issues | Security Fix |
|-----|------------|---------|-------------|----------|--|-----------------------------|----------------|--------------|
| 63  | CipherShed | Bug     | New         | Normal   | 64 bit gui on 64 bit systems   |                             | Related to #65 |              |
| 82  | CipherShed | Feature | New         | Normal   | add sparse file detection to non-windows versions  |                             |                |              |
| 24  | CipherShed | Task    | New         | Normal   | Add Windows 8 / Server 2012  | Rocki H                     |                |              |
| 62  | CipherShed | Feature | New         | Normal   | Administrative Configuration for Enterprise IT   |                             |                |              |
| 92  | CipherShed | Feature | New         | Normal   | allow change of cipher/key on encrypted container without decrypting   |                             |                |              |
| 30  | CipherShed | Bug     | Resolved    | Normal   | Allowed character description is wrong   |                             | Related to #31 |              |
| 27  | CipherShed | Bug     | Resolved    | High     | Audit of 04af5c7 - Buffer Overflow: sprintf  |                             |                |              |
| 28  | CipherShed | Bug     | Resolved    | Normal   | Audit of 04af5c7 - Buffer Overflow: strcat   |                             |                |              |
| 29  | CipherShed | Bug     | Resolved    | Normal   | Audit of 04af5c7 - Buffer Overflow: strcpy   | Jason Pyeron                |                |              |
| 77  | CipherShed | Bug     | Resolved    | High     | boot loader is too big, regression on ff4d0578aff9269fdb654a213c850ce576fafd0a   |                             |                |              |
| 101 | CipherShed | Bug     | Resolved    | Normal   | boot loader password prompt takes 100% cpu in VM   |                             |                |              |
| 25  | CipherShed | Task    | New         | Normal   | Broken applinks  |                             | Related to #14 |              |
| 22  | CipherShed | Bug     | In Progress | High     | Change name of software for "1.0" release.   | Jason Pyeron                |                |              |
| 11  | CipherShed | Feature | New         | Low      | Cipher set enablement  |                             |                |              |
| 90  | CipherShed | Feature | New         | Normal   | cipher setting preference file   |                             |                |              |
| 94  | CipherShed | Bug     | New         | High     | CipherShed Volume Creation Wizard: Encryption of Host Protected Area": "Encryption of Host Protected Area" class #32770 not initialized? |                             |                |              |
| 75  | CipherShed | Feature | New         | Low      | code coverage - ConvertUTF.c   |                             |                |              |
| 103 | CipherShed | Task    | New         | Low      | Const Correctness  |                             |                |              |
| 116 | CipherShed | Bug     | New         | Normal   | create an option for private/global volume mounting  |                             |                |              |
| 9   | CipherShed | Task    | New         | Normal   | Create check-list of features to be tested   | Pier-Luc Caron<br>St-Pierre |                |              |
| 17  | CipherShed | Task    | New         | Normal   | Create debian packaging  |                             |                |              |
| 20  | CipherShed | Task    | New         | Normal   | Create dmg for os x  |                             |                |              |
| 15  | CipherShed | Task    | New         | Normal   | Create Gnu Info page   | Eugene Wang                 | Related to #12 |              |
| 16  | CipherShed | Task    | New         | High     | Create list of all installed files / registry keys (Windows).  | Rocki H                     | Related to #2  |              |
| 19  | CipherShed | Task    | New         | Normal   | Create pkgbuild for arch   |                             |                |              |
| 18  | CipherShed | Task    | New         | Normal   | Create rpm packaging   |                             |                |              |

| #   | Project    | Tracker | Status      | Priority  | Subject   | Assignee          | Related issues | Security Fix |
|-----|------------|---------|-------------|-----------|---|-------------------|----------------|--------------|
| 105 | CipherShed | Bug     | Resolved    | Low       | Debian Jessie Complication Error: wx3.0                             |                   |                |              |
| 81  | CipherShed | Feature | New         | Normal    | Decrypt System drive via commandline                                |                   |                |              |
| 83  | CipherShed | Bug     | New         | Normal    | deduplicate file names  |                   |                |              |
| 1   | CipherShed | Task    | New         | Normal    | Detailed review of Windows constant strings                         | Paweł Zegartowski | Related to #2  |              |
| 106 | CipherShed | Task    | New         | Low       | Disable GitHub issue tracker  |                   |                |              |
| 85  | CipherShed | Bug     | New         | Normal    | Dlgcode.c is 9917 lines long, split it up                           |                   |                |              |
| 119 | CipherShed | Bug     | Resolved    | Immediate | DLL side loading attack vulnerability                               | Jason Pyeron      |                |              |
| 79  | CipherShed | Feature | New         | Low       | document a list of file systems compatible with Hidden Volume usage |                   |                |              |
| 48  | CipherShed | Bug     | New         | High      | EncryptDataUnits() lacks error handling                             |                   |                |              |
| 60  | CipherShed | Feature | New         | Normal    | Enhanced UX - shell extension for container management              |                   | Related to #34 |              |
| 115 | CipherShed | Bug     | Resolved    | High      | fails to build on stretch due to overloaded constructors            |                   |                |              |
| 117 | CipherShed | Bug     | Resolved    | High      | Failure to function when compiled with GCC 5                        |                   |                |              |
| 3   | CipherShed | Task    | New         | Normal    | Finish initial bitmaps and icons                                    |                   |                |              |
| 14  | CipherShed | Bug     | New         | Normal    | Fixes urls in ui (/aplink? links)                                   |                   | Related to #25 |              |
| 56  | CipherShed | Bug     | New         | Low       | FreeBSD support   |                   |                |              |
| 8   | CipherShed | Task    | New         | Normal    | Get graphics artist to work on artwork, icons                       |                   |                |              |
| 4   | CipherShed | Task    | New         | Normal    | Get Windows executable signing key                                  | Bill Cox          |                |              |
| 47  | CipherShed | Bug     | New         | High      | GetWipePassCount() / WipeBuffer() can cause BSOD                    |                   |                |              |
| 51  | CipherShed | Bug     | In Progress | Normal    | GUID Partition Table (GPT)  | Jason Pyeron      | Related to #55 |              |
| 74  | CipherShed | Bug     | New         | Normal    | Hardcoded Build date in Help->About window                          |                   |                |              |
| 96  | CipherShed | Feature | New         | Normal    | installer to incorporate a post-installation quick-start wizard     |                   |                |              |
| 69  | CipherShed | Feature | New         | Low       | integration test: mounting and sharing volumes                      |                   |                |              |
| 124 | CipherShed | Feature | New         | Normal    | investigate switch to FUDforum from phpBB                           |                   |                |              |
| 43  | CipherShed | Bug     | New         | High      | IOCTL_DISK_VERIFY integer overflow                                  |                   |                |              |
| 26  | CipherShed | Bug     | New         | Normal    | Large External Drive Support on Mac (>512byte sector size)          |                   |                |              |
| 5   | CipherShed | Task    | New         | Normal    | Linux build, installer, VM  | Kyle Marek        | Related to #50 |              |
| 50  | CipherShed | Feature | New         | Normal    | Linux FDE   |                   | Related to #5  |              |
| 13  | CipherShed | Task    | New         | Normal    | List of all version numbers   | Rocki H           | Related to #2  |              |

| #   | Project    | Tracker | Status   | Priority  | Subject  | Assignee     | Related issues | Security Fix |
|-----|------------|---------|----------|-----------|--|--------------|----------------|--------------|
| 123 | CipherShed | Bug     | New      | Normal    | losetup anomaly with OpenSUSE 13.1   |              |                |              |
| 7   | CipherShed | Task    | New      | Normal    | Mac build, installer, VM   | Jason Pyeron |                |              |
| 45  | CipherShed | Bug     | New      | High      | MainThreadProc() integer overflow  |              |                |              |
| 86  | CipherShed | Bug     | Resolved | Normal    | Make ciphershed window titlebars different   |              |                |              |
| 125 | CipherShed | Bug     | Resolved | Normal    | Makefile for bootloader fails on case sensitive filesystem   |              |                |              |
| 76  | CipherShed | Bug     | New      | Normal    | MakeSelfExtractingPackage used in CI cannot have dialog boxes  |              |                |              |
| 21  | CipherShed | Bug     | New      | High      | Method of mounting may be exploited  |              |                |              |
| 46  | CipherShed | Bug     | New      | High      | MountVolume() device check bypass  |              |                |              |
| 40  | CipherShed | Bug     | New      | High      | Multiple issues in the bootloader decompressor   |              |                |              |
| 37  | CipherShed | Bug     | New      | High      | Open Crypto Audit Project issues   |              |                |              |
| 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     |              |                |              |
| 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               |              |                |              |
| 59  | CipherShed | Bug     | New      | Low       | optimized rescue disk  |              | Related to #52 |              |
| 61  | CipherShed | Feature | New      | Normal    | optionally support TPM   |              |                |              |
| 71  | CipherShed | Bug     | New      | High      | passwords using non-ascii  |              |                |              |
| 95  | CipherShed | Bug     | New      | Normal    | Platform/SystemException.h and Common/Exception.h define the same class/struct                           |              |                |              |
| 53  | CipherShed | Feature | New      | Low       | Portable / non-admin volume browser  |              |                |              |
| 67  | CipherShed | Feature | New      | Normal    | print a backup   |              |                |              |
| 66  | CipherShed | Feature | New      | Normal    | provide robust API for usermode interaction with kernel driver   |              |                |              |
| 65  | CipherShed | Feature | New      | Normal    | pure 64 bit version for windows  |              | Related to #63 |              |
| 114 | CipherShed | Task    | New      | Normal    | Real, unified makefiles  | Kyle Marek   |                |              |
| 52  | CipherShed | Feature | New      | Low       | recovery utility & tools   |              | Related to #59 |              |
| 127 | CipherShed | Bug     | Resolved | Normal    | remove #if 0 code  | Jason Pyeron |                |              |
| 113 | CipherShed | Bug     | Resolved | Normal    | remove the donate screen from the installer  |              |                |              |
| 64  | CipherShed | Task    | New      | Normal    | Rewrite or remove LongReverse in Common/Dlgcode.c  |              |                |              |
| 54  | CipherShed | Feature | New      | Low       | Self Destruct Password   |              |                |              |

| #   | Project    | Tracker | Status      | Priority | Subject   | Assignee      | Related issues | Security Fix |
|-----|------------|---------|-------------|----------|---|---------------|----------------|--------------|
| 39  | CipherShed | Bug     | New         | High     | Sensitive information might be paged out from kernel stacks   |               |                |              |
| 57  | CipherShed | Feature | New         | Normal   | Skein support   |               |                |              |
| 88  | CipherShed | Bug     | New         | Normal   | smart card support for containers   |               |                |              |
| 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 |                |              |
| 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 |              |
| 93  | CipherShed | Feature | New         | Normal   | support "quick" encrypt for new media (especially flash/SSD)  |               |                |              |
| 102 | CipherShed | Feature | New         | Normal   | support for serial console in bootloader  |               |                |              |
| 122 | CipherShed | Feature | New         | Normal   | support key escrow  |               | Related to #68 |              |
| 36  | CipherShed | Feature | New         | Normal   | support multiple actors to open an encrypted volume   |               |                |              |
| 87  | CipherShed | Feature | New         | Low      | support multiple hidden volumes   |               |                |              |
| 89  | CipherShed | Feature | New         | Normal   | Support the Common Criteria Collaborative Protection Profile for Full Disk Encryption                 |               |                |              |
| 58  | CipherShed | Feature | New         | Low      | Tablet / Touch screen / non-keyboard boot support   |               |                |              |
| 42  | CipherShed | Bug     | New         | High     | TC_IOCTL_GET_SYSTEM_DRIVE_DUMP_CONFIG kernel pointer disclosure                                       |               |                |              |
| 44  | CipherShed | Bug     | New         | High     | TC_IOCTL_OPEN_TEST multiple issues  |               |                |              |
| 80  | CipherShed | Bug     | New         | Low      | TEST CASE: ubuntu 14 GUI install  |               |                |              |
| 72  | CipherShed | Bug     | New         | Normal   | The installation fails, but a message (from windows?) says it succeeds and asks if you want to reboot |               |                |              |
| 31  | CipherShed | Bug     | New         | Normal   | there is duplicate code for password character checking   | Jason Pyeron  | Related to #30 |              |
| 70  | CipherShed | Feature | New         | Normal   | track git info in build   |               |                |              |
| 73  | CipherShed | Bug     | New         | Normal   | Truecrypt icon showing in taskbar   |               |                |              |
| 32  | CipherShed | Feature | New         | Normal   | truecrypt.ch ideas thread   |               |                |              |
| 10  | CipherShed | Feature | New         | Low      | Two-factor Pre-boot-authentication with USB stick and Password  |               |                |              |
| 111 | CipherShed | Bug     | New         | Normal   | ui does not show free drives below c: e.g. A: or B:   | Niklas Lemcke |                |              |
| 55  | CipherShed | Bug     | In Progress | Normal   | Unified Extensible Firmware Interface (UEFI)  | Jason Pyeron  | Related to #51 |              |
| 112 | CipherShed | Bug     | Resolved    | Normal   | uninstall on windows does not list version info   |               |                |              |
| 78  | CipherShed | Bug     | New         | Normal   | update the ciphershed.org website, automatically  |               |                |              |

| #   | Project    | Tracker | Status      | Priority | Subject  | Assignee    | Related issues                                | Security Fix |
|-----|------------|---------|-------------|----------|--|-------------|---|--------------|
| 2   | CipherShed | Task    | New         | Normal   | Upgrade installer to uninstall TrueCrypt   |             | Related to #1, Related to #13, Related to #16 |              |
| 118 | CipherShed | Bug     | New         | Normal   | upgrading truecrypt fails if truecrypt is pinned to the taskbar                          |             |   |              |
| 49  | CipherShed | Bug     | Resolved    | High     | use a unit testing framework   |             | Blocks #38                                    |              |
| 35  | CipherShed | Feature | Resolved    | High     | use Doxygen  |             |   |              |
| 91  | CipherShed | Feature | New         | Normal   | use linked libraries in kernel driver to isolate logical units and later support plugins |             |   |              |
| 126 | CipherShed | Bug     | Resolved    | Normal   | VS launcher breaks if using multiple VS and the default is not the one for CS            |             |   |              |
| 84  | CipherShed | Bug     | New         | Normal   | wcsncpy is subject to buffer overflow  |             |   |              |
| 38  | CipherShed | Bug     | New         | High     | Weak Volume Header key derivation algorithm  |             | Blocked by #49                                |              |
| 23  | CipherShed | Bug     | New         | Normal   | Windows 8 / 8.1 Fast Startup   | Rocki H     |   |              |
| 6   | CipherShed | Task    | New         | Normal   | Windows build, installer, VM   | Bill Cox    |   |              |
| 33  | CipherShed | Feature | New         | Normal   | windows comamnd line volume creation   |             |   |              |
| 41  | CipherShed | Bug     | New         | High     | Windows kernel driver uses memset() to clear sensitive data                              |             |   |              |
| 34  | CipherShed | Feature | New         | Normal   | windows mount point support  |             | Related to #60                                |              |
| 12  | CipherShed | Task    | In Progress | Normal   | Write Documentation  | Eugene Wang | Related to #15                                |              |
| 104 | CipherShed | Bug     | Resolved    | Low      | wxgtk 2.9, CommandLineInterface, ambiguous overloaded function calls                     |             |   |              |