

# , 20200327SE16 Update 5

|                          |                                     |                                |
|--------------------------|-------------------------------------|--------------------------------|
|                          |                                     |                                |
| acpi-support             | 0.143-3astra1                       | screenblank                    |
| adcli                    | 0.8.2-1                             | winbind                        |
| ald                      | 1.7.72                              |                                |
| ald-common               | 1.7.3                               |                                |
| ald-parsec               | 1.7.51                              |                                |
| ark                      | 4:19.12.0-1astra2                   |                                |
| astra-ad-sssd            | 0.3                                 | AD,                            |
| astra-freeipa            | 1.46+ci2                            | , :<br>;<br>IPv4<br>sasl2 ipv6 |
| astra-smbadc             | 0.12                                |                                |
| astra-scripts            | 0.4                                 | ,                              |
| astra-version            | 2.19.4+ci3                          |                                |
| astra-winbind            | 1.32                                | ntp                            |
| breeze-gtk               | 5.14.5-1astra1                      |                                |
| broadcom-sta             | 6.30.223.271-8                      |                                |
| bsign                    | 1.1.6                               | .<br>-f, -o, -9.<br>- .        |
| cargo                    | 0.38.0-0ubuntu1~18.04.1             | Firefox                        |
| commonmark-bkrs          | 0.5.4+ds-1                          | Chromium                       |
| compton                  | 6.2-astra6                          | ,                              |
| connman                  | 1.33-3+deb9u1+ci202002211247+astra1 | resolv.conf                    |
| csp-monitor              | 0.0.1+ci2                           | Rutoken .                      |
| cups-filters             | 1.16.4-1astra7                      | urftopdf                       |
| enigmail                 | 2:2.0.7-7astra1                     | Thunderbird                    |
| fly-admin-ad-client      | 0.2.4                               | NetBIOS                        |
| fly-admin-ad-sssd-client | 0.1.0                               | AD,                            |
| fly-admin-ald-server     | 0.1.50                              |                                |
| fly-admin-date           | 2.3.14                              | ,                              |
| fly-admin-dm             | 1.1.15                              |                                |
| fly-admin-gmc            | 0.1.51                              |                                |
| fly-admin-gmc-se         | 0.1.37+ci1                          |                                |
| fly-admin-int-check      | 1.6.10                              | "--verbose"                    |
| fly-admin-kiosk          | 1.6.0+ci19                          | .<br>.                         |

|                            |            |                                           |
|----------------------------|------------|-------------------------------------------|
| fly-admin-local-se         | 0.1.51+ci2 | PARSEC                                    |
| fly-admin-marker           | 2.1.11     |                                           |
| fly-admin-mic              | 0.2.7      |                                           |
| fly-admin-printer-mac      | 1.99.4     | API                                       |
| fly-admin-security-monitor | 0.3.2      | , SSH root                                |
| fly-admin-winprops         | 1.2.12     | NO_BORDER_EDGE fly-wm                     |
| fly-admin-wm               | 2.6.37     | " "                                       |
| fly-brightness             | 0.2.14+ci1 |                                           |
| fly-calc                   | 2.0.12     | armhf                                     |
| fly-camera                 | 1.3.8      |                                           |
| fly-csp                    | 0.2.8+ci3  |                                           |
| fly-data                   | 2.4.69     |                                           |
| fly-dm                     | 2.8.1      | fly-mac-dialog                            |
| fly-doc                    | 9.0.se18   |                                           |
| fly-fm                     | 1.7.35     | SMB                                       |
| fly-fm-audit               | 1.0.6+ci1  |                                           |
| fly-fm-bsign               | 1.0.5+ci1  |                                           |
| fly-fm-mac                 | 0.4.10+ci1 |                                           |
| fly-gallery                | 0.7.12     |                                           |
| fly-mac-dialog             | 0.12.16    |                                           |
| fly-mail                   | 2.0.14     |                                           |
| fly-music                  | 0.5.17     | m4a                                       |
| fly-notify-prevlogin       | 1.0.2+ci1  | /                                         |
| fly-orientation            | 0.1.8+ci43 |                                           |
| fly-qml-components         | 1.1.12     | fly-music                                 |
| fly-record                 | 2.0.12+ci1 |                                           |
| fly-run-sumac              | 1.1.7      | sumac                                     |
| fly-shutdown-dialog        | 1.0.29     |                                           |
| fly-start-panel            | 2.5.7      |                                           |
| fly-term                   | 1.4.13     | <pre> : : : " ", , . - -e  highdpi </pre> |

|                     |                                          |                                                                                     |
|---------------------|------------------------------------------|-------------------------------------------------------------------------------------|
| fly-update-notifier | 1.38.8                                   |                                                                                     |
| fly-vkbd            | 1.2.9                                    | GIMP<br>HiDPI<br>- Firefox                                                          |
| flyui-utils         | 2.2.19                                   | dbus fly-<br>dialog<br>fly-<br>dialog                                               |
| fly-xkbmap          | 1.1.6                                    |                                                                                     |
| fonts-liberation    | 1:1.07.4-10                              |                                                                                     |
| fonts-pt            | 1.0.3                                    |                                                                                     |
| freeipa             | 4.6.4-14astra.se47                       | ipa user-mod --password<br>default shell /bin/sh -> /bin/bash, parsec-template.ldif |
| freerdp2            | 2.0.0~git20191220.1.97d9d0aa-<br>0astra2 | TLS 1 -,                                                                            |
| gcc-mozilla         | 7.5.0-4ubuntu0.16.04.1astra1             |                                                                                     |
| gostsum             | 2.2.3+ci1                                |                                                                                     |
| grub2               | 2.02~beta3-5astra3                       | EFI-                                                                                |
| gtk+3.0             | 3.22.30-0astra3                          | , X-                                                                                |
| gui-ufw             | 17.04.1-1.1+ci201912031301               |                                                                                     |
| ia32-libs           | 20180423.2                               | libs32 .pc .cmake.                                                                  |
| imlib2              | 1.6.1-1astra2                            |                                                                                     |
| iptables-astralabel | 2.0.0+ci5                                | iptables                                                                            |
| kate                | 4:19.08.2-1astra1                        |                                                                                     |
| kcm-mouse           | 5.17.2-0astra1                           | MouseKeys                                                                           |
| kiosk2              | 1.0.5                                    |                                                                                     |
| konsole             | 4:19.08.1-2astra1                        | ,                                                                                   |
| krb5                | 1.15.2-2.astra5                          | pam                                                                                 |
| ktexteditor         | 5.46.0-0ubuntu1astra2                    |                                                                                     |
| ldm                 | 2:2.2.18-2                               | ltsp                                                                                |
| libflycore          | 2.9.9                                    |                                                                                     |
| libflydbus          | 2.3.6                                    | challenge logind yes                                                                |
| libflyfiledialog    | 2.3.0                                    | flyThumbnailsThumbnaillImage libflythumbnails 2.3.0                                 |
| libflygetexe        | 1.0.12                                   | maps<br>- /dev/shm LD_PRELOAD                                                       |
| libflythumbnails    | 2.3.2                                    | bubblewrap ,                                                                        |

|                                   |                            |                                    |
|-----------------------------------|----------------------------|------------------------------------|
| libflyui                          | 2.8.9                      | :<br>;<br>MIME- ( MIME- ).         |
| libgrypt20                        | 1.7.6-2+deb9u3astra2       | Stribog                            |
| libice                            | 2:1.0.9-2astra.se2         |                                    |
| libpam-csp                        | 0.0.7                      | Rutoken .                          |
| libpam-krb5                       | 4.7-3astra3                | fly-dm                             |
| libpwquality                      | 1.3.0-1.astra3             | libpam-pwquality<br>pam-rutokens   |
| libreoffice-astra                 | 1.0.23                     | ,                                  |
| libspectre                        | 0.2.8-1astra1              |                                    |
| linux-meta                        | 4.15.3-2astra5             | ABI 4.15.3-2                       |
| lkrp                              | 0.7-2+ci2                  |                                    |
| llvm-toolchain-9                  | 9.0.1-1astra1              |                                    |
| ltsp                              | 5.18.12-3.1astra6          | , usb                              |
| ltspfs                            | 1.4-2                      | ltsp                               |
| lxc-astra                         | 1.0.0+ci2                  | astralinux-se                      |
| network-manager-applet            | 1.8.20-1.1~bpo9+1astra1    | wi-fi                              |
| nspr                              | 2:4.24-1                   | Firefox                            |
| numlockx                          | 1.2-7                      | ltsp                               |
| osinfo-db                         | 0.20180226-1~deb9u1.astra1 | , AstraLinux ( libvirt).           |
| parsec                            | 2.5.288+ci21               | FreeIPA<br>ARM<br>,                |
| parsec-cups                       | 27.4                       | copies<br>lpattr                   |
| pigz                              | 2.4-1                      |                                    |
| postgresql-se-test-9.6            | 8                          | mac-copy-file<br>misc-role-control |
| printcontrol-web                  | 1.0.4                      |                                    |
| pulseaudio                        | 10.0-1+deb9u1.astra.se1    | pulseaudio.socket                  |
| recommonmark                      | 0.4.0+ds-2                 |                                    |
| qmmp                              | 1.3.6-1astra3              | m4a                                |
| qttranslations-<br>opensource-src | 5.11.0-0astra3             |                                    |
| realmd                            | 0.16.3-1                   | winbind                            |
| rkill                             | 0.5-1                      | tlp                                |
| rustc                             | 1.37.0+dfsg1+llvm-1astra1  | Firefox                            |
| smbnetfs                          | 0.6.1-1astra4              | noexec<br>, stat()                 |
| spice-vdagent                     | 0.18.0-1astra2             |                                    |
| sshpass                           | 1.06-1                     | , authorized_key ansible.          |

|                           |                               |                   |
|---------------------------|-------------------------------|-------------------|
| tlp                       | 1.1-2~bpo9+1                  | Linux.<br>MIG T10 |
| ufw                       | 0.35-4.astra.se5              |                   |
| usbutils                  | 1:007-4+deb9u1+ci202003251304 | usb-              |
| util-linux                | 2.29.2-1.astra2se1            |                   |
| vino                      | 3.22.0-5astra3                |                   |
| xdg-user-dirs             | 0.17-2astra1                  |                   |
| xf86-input-wacom          | 1:0.36.1-0ubuntu1astra1       |                   |
| xserver-xorg-video-amdgpu | 19.1.0-1astra1                |                   |
| xserver-xorg-video-ati    | 1:19.1.0-1                    |                   |
| xserver-xorg-video-intel  | 2:2.99.917+git20200116-1      |                   |
| zfs                       | 0.8.2-2+ci1                   | , .. linux        |