

Changelist

softwlc-1.29

eltex-portal-creator, eltex-portal, eltex-ted

: " "

wifi-customer-cab

SSO

,

softwlc-nbi

WEP-30L-Z fw 2.3.1

eltex-bruce

mongodb mysql

eltex-radius, eltex-radius-db

FreeRADIUS 2023

eltex-pcrf

HikariCP 2.7.9

eltex-ems

ARP

MES2324P rev.B EMS

GUI

Captive Portal/Away time

- NBI

GUI EMS MAC os

OWE SSID

: " / "

,

WEP-30L-Z fw 2.3.1

rsync-to-remote.sh

EMS SpringBoot embedded tomcat

"" Fastpath

: " SSID"

XML

remote-command.sh, restart-remote-service.sh

eltex-bob

"mapper"

run_if_needed -

- Docker

softwlc-1.28.2

wifi-customer-cab

ERR 8 " FQDN"/ "Failed to save on NBI"

eltex-ems

,

" WPA3 prio, WPA2-AES alter WEP-3ax"

" WPA3 prio, WPA-TKIP/WPA2-AES alter netconf "

softwlc-1.28.1

eltex-portal-creator, eltex-portal

500

eltex-radius, eltex-radius-db

FreeRADIUS 2023

softwlc-1.28

eltex-portal-creator, eltex-portal, eltex-ted

'resource not found'
: " "" " " PCRF"

mp4
JS
403
: " "

default_client_admin

wifi-customer-cab

(hotspot)

" "
eltex-bob Ubuntu 22
NBI

(

/usr/lib/eltex-

. ""
. .
. .

" "
" "

mac PCRF
default_client_admin

softwlc-nbi

SSID
eltex-bob Ubuntu 22
NBI
/usr/lib/eltex-

: " TLS "
WOP-30L-EX fw 2.3.0

eltex-jobs

prometheus

eltex-bruce

mongodb mysql

eltex-radius-sorm3

COPM-3

eltex-ngw

Message id

NGW SMSC

eltex-radius, eltex-radius-db

eltex-radius
cron DEB

eltex-pcrf

PCRF AcctMetrics_command_awaiting

eltex-sorm2-replicator

cron DEB

eltex-apb

last update time

eltex-ems

ping

" " (MariaDB + innoDB)
Eltex.Bruce,
SSID
EMS

Hazelcast EMS

SSID
hazelcast management ip
ELTEX_OBJ_ASSOCIATED
LTP-8N

ONT

SNMP
" TOMCAT URL"
" Wi-Fi" (fast roaming)

OID
eltex-ems, ems_server_diagnostics
OID Syslog IP Port
LTP-16N
CVID MAC MA4000, LTP-X
ONT FWUPDATING
/usr/lib/eltex-
Accounting wait IP RADIUS
EMS

, reason 76: 'Deauth due to client DHCP fail'
custom
ONT init
: " "

ONT EMS
cron DEB
VLAN ID
multicast cross-connect Traffic Model
"" WEP-3ax
" " netconf
ONT EMS
'Slot 0' - 1U

NTP FP
b/g n/ax SWLC
802.11r, "null"
WOP-30L-EX fw 2.3.0
airtune
Netconf

GUI
FastPath MQTT Navigine
Captive Portal/Away time
- NBI
GUI EMS MAC os
, SSID

eltex-wifi-sa

eltex-bob Ubuntu 22

eltex-bob
eltex-bob Ubuntu 22

eltex-papaya
, :9098/doc

Highload: grafana, prometheus & etc

prometheus - eltex-bruce
NBI

softwlc-1.27.4

eltex-portal-constructor, eltex-portal, eltex-ted

wifi-customer-cab

: " "

eltex-ems

OID LTP-16(8)N
" ONT"

eltex-radius-sorm3
COPM-3

softwlc-1.27.3

eltex-ems

ONT LTP-8(16)N
" ONT MA4000"

softwlc-1.27.2

eltex-portal-constructor, eltex-portal, eltex-ted

" JS "
" "

softwlc-nbi

SSID
: " NBI"

wifi-customer-cab

: " NBI"
: " WiFi"
: " WiFi"

eltex-jobs
prometheus

eltex-apb
" last update time"

eltex-ems

Hazelcast EMS

```
    SSID
    " SSID"
    LTP-8N
    : " CfgChan Cfgld ONT"
    : " SNMP"
```

```
-
nginx.conf location polly
```

Highload: grafana, prometheus & etc

prometheus ()

softwlc-1.27.1

eltex-portal-constructor, eltex-portal, eltex-ted

```
" "
```

wifi-customer-cab

```
: " ( hotspot)"
: " "
: " "
```

eltex-ems

```
WOP-30LS fw 2.2.0
EMS
SoftWLC .
```

```
" " " netconf"
```

Highload: grafana, prometheus & etc

softwlc-1.27

eltex-portal-constructor, eltex-portal, eltex-ted

```
"NullPointerException"
    keycloak
: " "
"resource not found"
```

eltex-doors

flyway eltex-ngw

wifi-customer-cab

```
: " "
: " "
: " "
```

```
    keycloak
: " " ""
: " "
```

```
: " Hibernate Validator"
: " SSID"
```

```
/
```

softwlc-nbi

```
EditAuthUser
/wpa personal SSID radius acct Realtek
keycloak
```

eltex-bruce

```
prometheus
```

```
eltex-bruce mongodb mysql
```

eltex-ngw

```
flyway eltex-ngw
Message id
```

eltex-radius, eltex-radius-db

```
dynamic_clients
```

eltex-bonnie, eltex-bonnie-db

eltex-pcrf

```
PCRF
```

eltex-ems

```
: " MES"
MES7048
: " "
/wpa personal SSID radius acct Realtek
CHANGE_COUNTERS ELTEX_MAIN_TREE
resolver Exit

EMS ELTEX_OBJ_ASSOCIATED
```

```
Keycloak https
Policy
```

```
" uplink"
ELTEX_OBJ_ASSOCIATED
, SSID
GUI EMS
```

```
Radius IP Address
" - " NETCONF
" - " NETCONF
eltex-bruce mongodb mysql
ELTEX_OBJ_ASSOCIATED
(VAP) NETCONF
```

```
EMS EMS
EMS_SERVICE_ID
```

```
" Eltex.Bruce, "
WMF SSID
Realtek fw 2.2.0
```

```
ubuntu 20.04 ubuntu 22.04
eltex-bruce mongodb mysql
```

Highload: grafana, prometheus & etc

```
prometheus - eltex-bruce
NBI
, NBI, grafana
```

softwlc-1.26.2

eltex-portal-constructor, eltex-portal, eltex-ted

"Resource not found"

eltex-ngw

Message id

softwlc-1.26.1

eltex-portal-constructor, eltex-portal, eltex-ted

"NullPointerException"
keycloak

wifi-customer-cab

"."
" "
" IP "
SSID
keycloak
" " ""

softwlc-nbi

EditAuthUser
/wpa personal SSID radius acct Realtek
keycloak

eltex-ngw

SMS- , HTTP API

eltex-ems

" "

Keycloak https
Policy

:

radius

softwlc-1.26

eltex-portal-constructor, eltex-portal, eltex-ted

eltex-mercury
Keycloak

wifi-customer-cab

TLS-
" " "->" SSID""

Keycloak

softwlc-nbi

Keycloak NBI
" "

ESR-1511

" NBI - "

AddTariffWithPredicateToPortal EditTariffPredicateForPortal

eltex-ngw

"Caused by: java.sql.SQLException: Field 'domain' doesn't have a default value" SMS

eltex-bonnie, eltex-bonnie-db

" "

eltex-pcrf

Cisco - Calling-Station-Id

eltex-ems

" " GRE ""

OTT-ESR

WIDS ,

MES5316A-RevB-basket.xml

(sysOid) sysOid

uptime ELTEX_OBJ_GEO

MAC

NETCONF

Keycloak EMS

" wep-3ax SSID"

EMS

SSH radius EMS

eltex-wifi-sa

-

eltex-ted

eltex-mercury

softwlc-1.25.1

eltex-ems

" wep-3ax SSID"

RADIUS SSID

" "

softwlc-nbi

EditAuthUser

wifi-customer-cab

SSO

TLS-

" " "->" SSID""


```
"      ".
"      "
"      "
"      "
```

softwlc-1.25

eltex-portal-constructor, eltex-portal, eltex-ted

promo_banner_bindings (Duplicate entry for mac)

```
(INC53604)
(IPhone)
MobileID
NBI
INFO  DEBUG
,  SoftWLC  (0666)
    Elvis API
-
```

eltex-mercury

ci Eltex-Mercury stage validate

wifi-customer-cab

```
:"  "
:"  "
:"  ' "'
-2, .
-2
SSID Wi-Fi 2.0:  SSID
```

```
:"  "
:"  "
:"  SSID "
Wi-Fi
:"  "" - "
```

Vaadin 8
""

Cisco: : " , "
Email
:" e-mail "

softwlc-nbi

ESR-3200

-2, .

SSID Wi-Fi 2.0: SSID NBI

EditOttLink "strict" OTT NBI

WPA3 SSID

OTT-ESR: ESR

NPE CreateTariff EditTariff NBI

Health checker eltex-radius-nbi

NBI

: RetrieveHotspotAccessLists

RADIUS Key. .

: " axis2 mongodb"

Email

eltex-radius, eltex-radius-db

radius radius.log

Cisco:

FreeRADIUS 2022

NBI

WPA2-enterprise

eltex-pcrf

- Calling-Station-Id

eltex-apb

APB

ci APB stage validate

eltex-ems

SSID

: " SNMPv3 AES"

snmp community/port

: " CPU SSID"

: " EMS"

Netconf, uplink-interface

ESR-3200

,

Netconf

DHCP-snooping FP

SSID extended -

"" EMS

: " " " "

uplink-interface WEP-3ax

SSID

" " EMS

: " netconf http"

MAC Wi-Fi (upper case)

snmp

" Wi-Fi" " rssi" " snr"

OTT-ESR: : " "

SSID Wi-Fi 2.0: SSID EMS

OTT-ESR: EMS

OTT-ESR: NorthboundCommander

VoIP SMG3016 Rev.B, SBC3000, SBC3000 Rev.B EMS

: " APContainer ems.eltex.loc"

ONT EMS

SNMPv3 NONE

MES5312:

MES5312: VLAN

WEP-3AX: : " ntp netconf"

MES5312:

MES5312: , cli

MES5312: version Build

MES5312:

IP ,

uptime route

: " 10G-Copper 10G-Fiber"

cli, : 'system' .'

. FXS revB (INC19108, INC48120

OTT ESR list not found!

- MES Access: 2424P rev.C1
- MES Aggregation: 5316A, 5316A-RevB, 5324A, 5324A-RevB, 5332A, 5332A-RevB, 5400-24, 5400-48, 5500-32

FP " "

" Wi-Fi . Wi-Fi " (SD INC52140)

RADIUS Key. .

```
Netconf
Domain Global RADIUS
: " fping ems"
Realtek ( 7 vap 82 dhcp)
WEP-3ax: "Mac list id"
```

```
netconf
" 'Multi-Vendor"
" " " "
/
Vring1, Vring2
" GRE "
```

```
WIDS ,
yang WOP-2ac-LR 1.12.0
```

eltex-wifi-sa

```
ESR-3200
eltex-wifi-sa
```

```
-
SoftWLC AstraLinux " /Debian-10 buster/
```

softwlc-1.24.4

eltex-ems

VoIP, MSAN: . FXS revB (INC19108, INC48120)

MES5332: No handler can be found for command 'UPDATE_MAIN_FW/ServerMES'.

softwlc-1.24.3

eltex-portal-creator, eltex-portal, eltex-ted

```
: " "
-
```

wifi-customer-cab

```
: " "
```

eltex-ems

```
ONT EMS
eltex-wifi-sa
MES
VoIP SMG3016 Rev.B, SBC3000, SBC3000 Rev.B EMS
eltex-wifi-sa
eltex-wifi-sa
```

softwlc-1.24.2

eltex-portal-creator, eltex-portal, eltex-ted

(INC53604)

MobileID

wifi-customer-cab

: " "

eltex-radius, eltex-radius-db

FreeRADIUS 2022

eltex-ems

uplink-interface WEP-3ax

SSID

" " EMS

: " netconf http"

softwlc-1.24.1

eltex-portal-creator, eltex-portal, eltex-ted

promo_banner_bindings (Duplicate entry for mac)
: "TED "

wifi-customer-cab

softwlc-nbi

eltex-bonnie, eltex-bonnie-db

eltex-ems

SSID

SNMPv3 AES

OTT. .

snmp community/port

CPU SSID

EMS

Netconf, uplink-interface

LTP-16N

softwlc-1.24

wifi-customer-cab

-SSO

id

: " "

SSID

Mobile id " "

EventBus

" ,

Jobs

Default SSID

B2B

email

softwlc-nbi
-SSO
SSID SSID

Docker eltex-radius-nbi

eltex-bruce
email

eltex-jobs
: " , hostname"

eltex-radius-sorm3
207 "Error action name getDeviceList"

eltex-ngw
: " CleanupManager "
NGW: Eltex-SC <smart@[eltex-co.ru](mailto:smart@eltex-co.ru)>
HTML
NGW docker
NGW API NGW
EmailWithAttachmentHelper

eltex-radius, eltex-radius-db
prometheus
Cisco: FreeRADIUS . Airespace

eltex-radius-exporter
prometheus

eltex-pcrf
Cisco: PCRF SSID IP

eltex-ems
DEBIAN/md5sums eltex-ems-db.deb, eltex-ems.deb.
realtek - SSID -
"User" "username" " Wi-Fi"
option 82
TLSv1.2 EMS
NullPointerException

: " realtek"
WEP-200L
Cisco: EMS vap- realtek
Cisco: Cisco, EMS

DOS
NTP WEP3AX
: " Netconf VAP MAC"
WIDS/WIPS WEP-3ax
SNMP ,

eltex-mac-checker
Eltex-ott-mac-checker - 'systemctl daemon-reload'

softwlc-1.23.4

eltex-ngw
EmailWithAttachmentHelper

eltex-ems
WEP-200L

softwlc-1.23.3

wifi-customer-cab
Mobile id " "

.
" " Hotspot"
EventBus
~
" / SSID" "" 1000 .

softwlc-nbi
" / SSID" "" 1000 .

eltex-ngw
SmS

eltex-bonnie, eltex-bonnie-db
" / SSID" "" 1000 .

eltex-ems
TLSv1.2 EMS
NullPointerException

softwlc-1.23.2

eltex-portal-constructor, eltex-portal, eltex-ted

"Cookie "

wifi-customer-cab
-SSO
ERR423
id
: " SSID "

softwlc-nbi
-SSO
ERR423
: " email ."
: " SSID "

eltex-ngw
: " sendTemplatedSms"
Eltex-SC <smart@[eltex-co.ru](mailto:smart@eltex-co.ru)>

eltex-ems
DEBIAN/md5sums eltex-ems-db.deb, eltex-ems.deb
: " EMS"

eltex-wids-service
: " mongo "

eltex-wifi-sa
: " , " SoftWLC"

eltex-papaya
eltex-papaya
: "Papaya hazelcast 5701"

softwlc-1.23.1

eltex-portal-constructor, eltex-portal, eltex-ted
: " pms-auth-form-title 404"

wifi-customer-cab
: " "

softwlc-nbi
SSID EditSsid NBI
SSID

eltex-ngw
Can't get internal id for messageId SMS

eltex-ems
EMS

MES3324 rev.B EMS
GuiListener2v

Privacy
acct-wait-ip WEP-1L/WOP-2L/WEP-2L WEP/WOP-20L EMS

eltex-papaya
hazelcast
API Hazelcast

softwlc-1.23.0

eltex-portal-constructor, eltex-portal, eltex-ted

:" , " ""

-
" "

wifi-customer-cab

: " "scope=opened" SSO"

: " -2 "

SSID

softwlc-nbi

" "
CreateDomain
ESR-3100
EditTreeObject 3 281
eltex-radius
prometheus
" SoftWLC" API AddTariffToPortal

eltex-radius-sorm3

eltex-radius

eltex-ngw

API NGW
SMPP, CALL, EMAIL

eltex-radius, eltex-radius-db

eltex-radius
eraddebug eltex-radius

eltex-auth-service-db

eltex-auth-service

eltex-pcrf

CoA log
PCRF tester - Eltex-AP-Domain
PCRF micrometer

eltex-sorm2-replicator

eltex-sorm-replicator
env nodeid eltex-sorm-replicator


```
eltex-ems
option 82 - MAC- RADIUS
descr
Netconf

sysOid
NPE SNMP trap v1
'Operation Status' Captive Portal. Global
EMS SMG Sys OID
SSID Fast BSS Transition
802.11r AirTune
" "

r/k/v
EMS
" "
: " WEP-3ax"
monitoring WEP-3ax
Max DB connections
SSH, Telnet, Web ( )
Transmit Power Min
802.11k/r

" WIFI" ( )
: " SyncPon "
: " "
ESR-3100
micrometer
OBJ_GEO
EditTreeObject 3 281

EMS
eltex-radius
Wi-Fi WEP-1L/2L
SoftGRE
Policy
```

```
eltex-wifi-sa

ESR-3100

eltex-bob
Bob , /
: " BOB WOP-2L"
```

softwlc-1.22.6
wifi-customer-cab

```
eltex-ems
MES3324 rev.B EMS
GuiListener2v
" (SystemBackup)"
```

softwlc-1.22.5
wifi-customer-cab
: " "

softwlc-1.22.4
eltex-ngw

```
eltex-pcrf
CoA log

eltex-ems
VLAN MES Marvell.
SNMP VLAN.
SSID
```

softwlc-1.22.3

wifi-customer-cab
: " "scope=opened" SSO"

softwlc-1.22.2

eltex-portal-creator, eltex-portal, eltex-ted
: " "

: ": iPhone "

wifi-customer-cab
: " "

softwlc-nbi

NBI

eltex-ngw
API NGW

eltex-radius, eltex-radius-db

eltex-ems
option 82 - MAC- RADIUS
Airtune
Netconf
" WOP-2ac-LRx"

NBI API

softwlc-1.22.1

eltex-portal-creator, eltex-portal

: ": ()"

eltex-radius, eltex-radius-db
: " mysql "

eltex-ems

: " SSID "

softwlc-1.22.0

eltex-portal-creator, eltex-portal, eltex-ted
SMS-

: " "

wifi-customer-cab
: " "

softwlc-nbi
EMS

eltex-ngw
SMS-
description messages

eltex-ems
SSID
" "
EMS
" Locked SSID"
Local Switching WEP-3ax
SSID . SSID Netconf.

softwlc-1.21.5

```
eltex-portal-constructor, eltex-portal
" "

eltex-radius, eltex-radius-db
" mysql "

eltex-ems
SSID
```

softwlc-1.21.4

```
eltex-portal-constructor, eltex-portal
: " "

""
```

wifi-customer-cab

softwlc-nbi

eltex-bonnie, eltex-bonnie-db
Hotspot - -

```
eltex-ems
MES
EMS
: " "
: " " NAS"
: " Locked SSID"
```

```
eltex-bob
: "eltex-bob GetAPList"
```

softwlc-1.21.3

wifi-customer-cab

```
eltex-ems
" "
: " / Broadcast SSID VAP "
: " SSID"
```

eltex-mac-checker
"Could not initialize class DefaultApi"

softwlc-1.21.2

```
eltex-portal-constructor, eltex-portal
ios
iPhone4
```

```
softwlc-nbi
: " "" PCRF"
```

```
eltex-ems
VAP " "
SQL
```

softwlc-1.21.1

```
wifi-customer-cab
MES24 ( messsoftwlc-nbi RetrieveRadiusUserTimeStatistics
realtek OTT
```

softwlc-1.21.0

eltex-portal-creator, eltex-portal

```
RADIUS ( auth-service),
"" ""

SMS-
PCRF "session not found" account-logon BRAS
: " "
  AP

: " "
: " Success"

GC G1GC, GC "/var/log/eltex-portal/gc.log.0.current"

: Wi-Fi v2
: " "
```

eltex-logging-service

wifi-customer-cab

```
"" ->
" unknown "
-

" "
- -
Jobs
-
" PCRF "
" "
" PCRF "
\
: Wi-Fi v2 (.)
```

softwlc-nbi

```
NBI -
IPsec remote gateway NBI CreateOttStation, EditOttStation, UpdateOttStation
SubnetsStorage deleteLocationSubnetProfile
RetrieveUserLocationHistory
" PCRF "
" "

profile_id NBI
Hotel ID
ssh eltex-auth-service
```

eltex-bruce

greylog

eltex-jobs

greylog

eltex-ngw

" "

eltex-radius, eltex-radius-db

FreeRADIUS 2021

eltex-bonnie, eltex-bonnie-db

radacct username

eltex-pcrf

APB PCRF

eltex-apb

APB

```

eltex-ems
"-superuser", "" ( )"
- "/"
SSID,
"gui.tab.mes.firmware.updatemessage" ESR
IPsec remote gateway ESR OTT ServiceProvider
EMS.GUI ' ', ,
"" IP
.
TRAP_INFO
EMS
Hotel ID
" fullName (, EMS)"
option 82 CID RID fastpath
" " FP
: Wi-Fi v2
WOP-2ac-LRx

eltex-bob
greylog
" Bob GetAPList grTB"

eltex-ted
: Wi-Fi
```

softwlc-1.20.8
eltex-portal-creator, eltex-portal
GC G1GC, GC "/var/log/eltex-portal/gc.log.0.current"
: "CaptiveException"

softwlc-1.20.7
eltex-portal-creator, eltex-portal
" - / Apple/iOS"
iPhone

softwlc-1.20.6
wifi-customer-cab

eltex-radius, eltex-radius-db
radusergroup

softwlc-1.20.5
eltex-portal-creator, eltex-portalSmart:
SPAR

softwlc-1.20.4
wifi-customer-cab
SSO
eltex-apb
"APB"

eltex-ems
EMS

softwlc-1.20.3
eltex-portal-creator, eltex-portal
Hotspot '7'
" "

wifi-customer-cab
: " "

eltex-ems
protocol, ott_mode

softwlc-1.20.1

eltex-portal-constructor, eltex-portal
: " " "
: " " "
: " " SMS""
: " captcha "

eltex-mercury
Prometheus Mercury

wifi-customer-cab
" "

softwlc-nbi
/

eltex-radius-sorm3
3

eltex-ngw
" "

eltex-ems
NPE EMS.GUI ems.eltex.loc
: " Node "

AirTune WEP-3ax (ESDK)

eltex-airtune

softwlc-1.20.0

eltex-portal-constructor, eltex-portal
captcha .
captcha .

MySQL

eltex-polly
. .

eltex-mercury
Prometheus Mercury

eltex-doors
eltex-doors-db eltex-doors.

wifi-customer-cab
Enterprise
2

RADIUS NBI

Hotspot
(SD36185)
SMS, e-mail

softwlc-nbi
MySQL

eltex-bruce

eltex-jobs
MySQL
: , ,

eltex-radius-sorm3
Eltex-radius-sorm3 FTP

eltex-ngw
websocket WebFlux

eltex-pcrf
MySQL

eltex-sorm2-replicator
API /link/list ap_domain, , (,)

eltex-ems
" "
" Found "
SSID .csv
INSERT INTO FILE , EMS, Java.
DomainObj
Syslog eltex-ems eltex-ems-db
MySQL
: " Policy, SSID"

VAP SSID
EMS
" "

EMS
Policy
MAC Auth EMS
(l

softwlc-1.19.1
softwlc-nbi

eltex-doors
eltex-doors-db eltex-doors.

softwlc-1.19

eltex-portal-creator, eltex-portal
100

wifi-customer-cab

6 . (.)
SSID

softwlc-nbi
GetHostName, ,

notification-gw
NGW
NGW

eltex-ems
WOP-2ac-LRx SYNC
ip

Logging-service

Bruce

softwlc-1.18

eltex-portal-creator, eltex-portal
URL -
NGW
-
-
eltex-portal-creator, Environmental Variables
Elvis API
Elvis API

wifi-customer-cab

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" " " "
.
.

softwlc-nbi
SSID NBI
SsoManager B2B NBI

email- (SendEmailRequest) NGW

notification-gw
NGW

pcrf
SSID+Domain

eltex-ems
EMS
"Vlan ID" "ESR Name" " Wi-Fi"
EMS
- Prometheus
GeoObjectStorage + Prometheus
" " OTT DPI
VRRP ESR
.
" SSID- SSID" : Switch Community, bridge.locaction, VLAN-ID DPI
Northbound API EMS
SoftGRE
'update_date' SSID
ssid
" NODE
EMS superuser
EMS
alert' OID . .

eltex-johnny
eltex-johnny, Environmental Variables

WIDS
wids Environmental Variables

Logging-service
eltex-logging-service

Mercury
, , docker-compose

softwlc-1.17

eltex-portal-creator, eltex-portal

Eltex-portal docker
Eltex-portal-creator docker
-

-
BRAS

wifi-customer-cab

B2B SSO 2.0

''

B2B DPI

GetTopActiveUsers radacct

: NBI

xls ''

timezone

softwlc-nbi

NBI B2B:

: NBI

client_ip + wsdl_action + code

notification-gw

NGW SMPP

pcrf

MySQL

PCRF, domain

eltex-auth-service

eltex-ems

SSID

SSID,

SSID / EMS

fitter

eltex-doors

application.conf

eltex-johnny

Johnny OSS (B2C)

Johnny OSS (B2B)

openshift

AirTune

GUI.EMS

csv

EMS DCA

802.11k AirTune