v1.18_

- SNMPD
  -
  - /
  -
- tftp-hpa
  -
  -
- NTPD
  -
  - /
  -
    - /etc/ntp.conf
    - /etc/timezone
- rsyslog
  -
  - /
  -
    - /etc/rsyslog.d/mysql.conf
    - /etc/rsyslog.conf

SoftWLC open-source . .

SNMPD

snmpd EMS . .

/

snmpd .

	service snmpd status	Active: active (running) Active: inactive (dead)
	service snmpd stop	Active: inactive (dead)
	service snmpd start	Active: active (running)

	service snmpd restart	Active: active (running)

snmpd **/etc/snmp/snmpd.conf.**

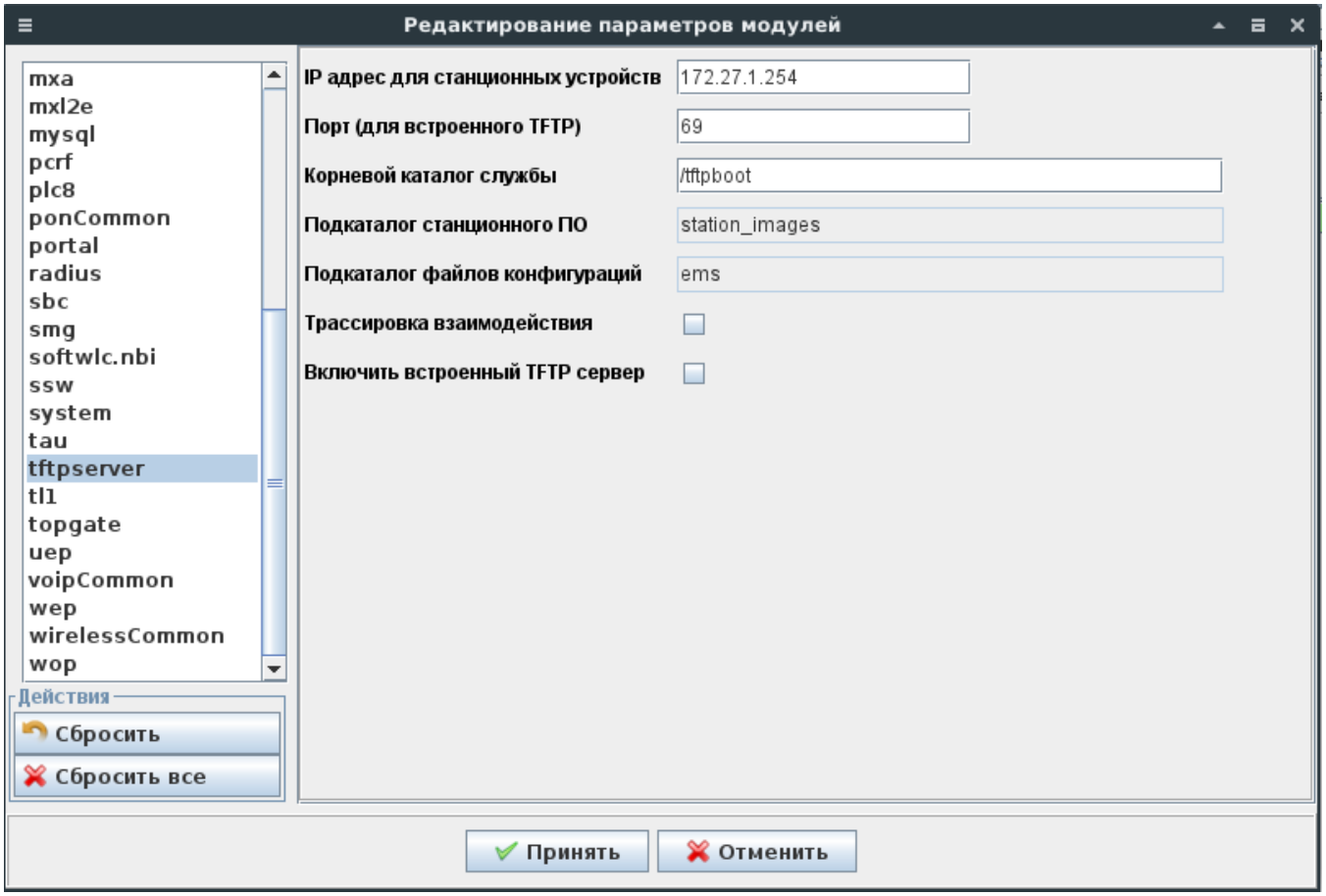
/etc/snmp/snmpd.conf

```
#       sec.name  source          community
#com2sec paranoid  default         public
com2sec readonly  default         public
com2sec readwrite default         private
# readwrite ON for Keepalived SNMP SET support

####
# Second, map the security names into group names:

#                     sec.model  sec.name
group MyROSystem v1         paranoid
group MyROSystem v2c        paranoid
group MyROSystem usm        paranoid
group MyROGroup v1          readonly
group MyROGroup v2c         readonly
group MyROGroup usm         readonly
group MyRWGroup v1          readwrite
group MyRWGroup v2c         readwrite
group MyRWGroup usm         readwrite

####
# Third, create a view for us to let the groups have rights to:

#           incl/excl subtree                          mask
view all    included  .1                               80
view system included  .1.3.6.1.2.1.1
#view system included  .iso.org.dod.internet.mgmt.mib-2.system

####
# Finally, grant the 2 groups access to the 1 view with different
# write permissions:

#               context sec.model sec.level match  read   write  notif
access MyROSystem ""      any       noauth    exact  system none   none
access MyROGroup ""       any       noauth    exact  all    none   none
access MyRWGroup ""       any       noauth    exact  all    all    none

# -----------------------------------------------------------------------------


syslocation Unknown (configure /etc/snmp/snmpd.conf)
syscontact Root <root@localhost> (configure /etc/snmp/snmpd.conf)

# For Keepalived SNMP support
master agentx
```

tftp-hpa

TFTP packet-capture .

EMS. . tftpserver .



NTPD

NTP – , .

/

	service ntp status	Active: active (running) Active: inactive (dead)

	service ntp stop	Active: inactive (dead)
	service ntp start	Active: active (running)
	service ntp restart	Active: active (running)

ntpd :

```
ntpdate <your ntp server>
```

:

```
hwclock --systohc
```

/etc/ntp.conf

. NTP-.
:

Eltex.EMS Server is running with pid 1200

```
# Use servers from the NTP Pool Project. Approved by Ubuntu Technical Board
# on 2011-02-08 (LP: #104525). See http://www.pool.ntp.org/join.html for
# more information.
server 172.17.209.9
server 0.pool.ntp.org
server 1.pool.ntp.org
server 2.pool.ntp.org
server 3.pool.ntp.org
```

/etc/timezone

,:

```
Asia/Novosibirsk
```

:

```
dpkg-reconfigure tzdata
```

, .

rsyslog

syslog MySQL.

/

	service rsyslog status	Active: active (running) Active: inactive (dead)
	service rsyslog stop	Active: inactive (dead)
	service rsyslog start	Active: active (running)
	service rsyslog restart	Active: active (running)

/etc/rsyslog.d/mysql.conf

syslog :

```
### Configuration file for rsyslog-mysql
### Changes are preserved
$template StdSQLFormat,"insert into SystemEvents (Message, Facility,FromHost, FromHostIp, Priority,
DeviceReportedTime, ReceivedAt, InfoUnitID, SysLogTag) values ('%msg%', %syslogfacility%, '%HOSTNAME%', '%
fromhost-ip%', %syslogpriority%, '%timereported:::date-mysql%', '%timegenerated:::date-mysql%', %iut%, '%
syslogtag%')",SQL
$ModLoadommysql
### . :ommysql:localhost,,,
###   :
:fromhost-ip, !isequal, "127.0.0.1" :ommysql:172.17.209.6,Syslog,rsyslog,root; StdSQLFormat
```

- **StdSQLFormat** – syslog, ,
- **172.17.209.6** – IP- .

/etc/rsyslog.conf

, :

```
provides UDP syslog reception
$ModLoadimudp
$UDPServerRun 514
provides TCP syslog reception
$ModLoadimtcp
$InputTCPServerRun 514
```