

NETAMS : mysql, , . (1000), , .

NETAMS 4.0, - "" Windows, Linux/FreeBSD. , (. pcap). , , Java (JRE, JDK).

: <http://www.oracle.com/technetwork/java/index.html>. Oracle JRE OpenJDK 6. (1.6.0.). JRE, , .

, Windows Java JDK "C:\Program Files\Java\jdk1.6.0_18", Linux - "/usr/local/jre1.6.0_27". "bin/java" . , :

```
C:\Program Files\Java\jdk1.6.0_18\bin>java -version
java version "1.6.0_18"
Java(TM) SE Runtime Environment (build 1.6.0_18-b04)
Java HotSpot(TM) Client VM (build 14.3-b01, mixed mode, sharing)
```

(data source) PCAP, , .

, NETAMS. , .

: - ? , Tomcat Resin.

: Java, . Jetty, .

-, C:\netams4 (Windows) /usr/local/netams4 (Linux/FreeBSD). , :

```
mylinux:/usr/local/netams4/# ls -al
total 2142
drwxr-xr-x 6 root root      4096 2010-07-12 20:27 .
drwxr-xr-x 4 root root      4096 2010-07-12 19:35 ..
drwxr-xr-x 2 root root      4096 2010-07-12 19:10 doc
drwxr-xr-x 5 root root      4096 2010-07-12 19:29 jserver
drwxr-xr-x 5 root root      4096 2010-07-12 19:29 repserver
drwxr-xr-x 2 root root      4096 2010-07-12 19:10 lib
-rwxr-r- 1 root root        984 2010-07-12 19:25 netams4.properties
-rwxr-xr-x 1 root root        283 2011-07-02 12:52 startup.sh
drwxr-xr-x 5 root root      4096 2010-07-12 19:35 webadmin
```

doc - , jserver - , lib - , webadmin - , repserver - .

!, (mc). , - - . tar.

Java :

Linux:

c, JRE, :

```
ln -s /usr/local/jre1.6.0_27 java
```

Windows:

- startup.bat, jserver\jserver-startup.bat webadmin\webadmin-startup.bat.

```
set JAVA_HOME=C:\Progra~1\Java\jdk1.6.0_17
```

, JRE/JDK:

```
set JAVA_HOME=C:\Progra~1\Java\jdk1.6.0_18
```

, \jre... \jdk... , , "C:\Progra~1", .

FreeBSD:

, Linux. Java FreeBSD, .

-, JPCapLocalDataSource FreeBSD . jnetpcap (), . , RemoteAgentDataSource .

-, , libsigar - FreeBSD 8. , :

```
[root@fbsd /home]# uname -a
FreeBSD fbsd.fnm.msu.ru 8.2-RELEASE FreeBSD 8.2-RELEASE #0: Fri Feb 18 02:24:46 UTC 2011      root@almeida.cse.
buffalo.edu:/usr/obj/usr/src/sys/GENERIC i386
[root@fbsd /home/]# ldd /usr/home/netams4/jserver/lib/so-dll/freebsd-i386/libsigar-x86-freebsd-8.so
/usr/home/netams4/jserver/lib/so-dll/freebsd-i386/libsigar-x86-freebsd-8.so:
    libkvm.so.3 => not found (0x0)
```

:

```
[root@fbsd /home]# ls -la /lib/libkvm* /usr/lib/libkvm*
-r--r--r-- 1 root wheel 32780 Feb 18 04:50 /lib/libkvm.so.5
-r--r--r-- 1 root wheel 42652 Feb 18 04:50 /usr/lib/libkvm.a
lrwxr-xr-x 1 root wheel 16 Feb 18 04:50 /usr/lib/libkvm.so -> /lib/libkvm.so.5
-r--r--r-- 1 root wheel 43552 Feb 18 04:50 /usr/lib/libkvm_p.a
```

:

```
[root@fbsd /home]# ln -s /usr/lib/libkvm.so /lib/libkvm.so.3
[root@fbsd /home]# ldd /usr/home/netams4/jserver/lib/so-dll/freebsd-i386/libsigar-x86-freebsd-8.so
/usr/home/netams4/jserver/lib/so-dll/freebsd-i386/libsigar-x86-freebsd-8.so:
    libkvm.so.3 => /lib/libkvm.so.3 (0x281dd000)
    libc.so.7 => /lib/libc.so.7 (0x28099000)
```

. , jserver , , :

```
Exception in thread "alarms_events" java.lang.UnsatisfiedLinkError: org.hyperic.sigar.Cpu.gather(Lorg/hyperic
/sigar/Sigar;)V
at org.hyperic.sigar.Cpu.gather(Native Method)
at org.hyperic.sigar.Cpu.fetch(Cpu.java:30)
at org.hyperic.sigar.Sigar.getCpu(Sigar.java:320)
at org.hyperic.sigar.Sigar.getCpuPerc(Sigar.java:341)
at com.netams.netams4.AlarmEventManager.systemCheck(AlarmEventManager.java:108)
at com.netams.netams4.AlarmEventManager.loop(AlarmEventManager.java:99)
at com.netams.netams4.structures.EngineThread.run(EngineThread.java:41)
at java.lang.Thread.run(Thread.java:662)
```

FreeBSD 9:

FreeBSD 8, . 9 sigar:

```
[root@v-freebsd1 /usr/local/netams4/lib/so-dll/freebsd-x64]# ls -al
total 216
drwxr-xr-x 2 root wheel 512 12 ° 16:20 .
drwxr-xr-x 3 root wheel 512 12 ° 16:20 ..
-rw-r--r-- 1 root wheel 210641 12 ° 16:20 libsigar-amd64-freebsd-8.so
[root@v-freebsd1 /usr/local/netams4/lib/so-dll/freebsd-x64]# ln -s libsigar-amd64-freebsd-8.so libsigar-amd64-
freebsd-9.so
[root@v-freebsd1 /usr/local/netams4/lib/so-dll/freebsd-x64]# ls -al
total 216
drwxr-xr-x 2 root wheel 512 16 ° 15:12 .
drwxr-xr-x 3 root wheel 512 12 ° 16:20 ..
-rw-r--r-- 1 root wheel 210641 12 ° 16:20 libsigar-amd64-freebsd-8.so
lrwxr-xr-x 1 root wheel 27 16 ° 15:12 libsigar-amd64-freebsd-9.so -> libsigar-amd64-freebsd-8.so
```

, , MySQL. , . , netams4, (root) .: ! :

```
mysqladmin create netams4
```

```
: MySQL ?
: 5.1.10. Connector/J . 5. .

: ! !
: . support@netams.com.

jserver-, , mysql TCP/IP . mysql , skip-networking. , unix-. skip-networking my.cnf ,
:
FATAL [main] com.netams.netams4.structures.MYSQLEngineImpl - Exiting.
Configured MySQL engine is not running.

ttf-dejavu.
, , 500-, .
, -.

, DNS. netams4 TCP/IP, "localhost".- RMI Java , IP-, . , `hostname` , "myserver", IP- ,.. `ping myserver` . , :
```

127.0.0.1	myserver
-----------	----------

```
/etc/hosts

, , , () ., RemoteAgentDataSource, . , , netams4.properties.
```