

, NETAMS 4.  
, 3.4 . ( pcap, ). , NETAMS 4 Java

: ? , . ! .  
: . Java - , /++ ( , ), ( STL). . - java runtime , . 5-7 , . , JRE Oracle - , .

NETAMS 4 :

- ( , , )
- (), jetty. .
- (), -
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- ( , )
- RADIUS-
- ( libpcap) (FreeBSD (pf, ipfw), Linux (ipset))

: ?  
: Java, Windows, Linux, FreeBSD, \*BSD, Solaris MacOS ( ). Java Runtime (JRE) native java (sigar, jnetpcap).

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java , "" NETAMS4. - .

. , (ipq/ipfw/netflow/radius/pam/libpcap), , Java. Linux/FreeBSD (**RemoteAgent**), - Cisco Netflow, PCAP, SNMP .  
**Netflow** , . Cisco, Windows/Linux/FreeBSD (ipfw2netflow NeTAMS 3.4).  
**Pcap** "" ( ) Ethernet . , , NETAMS, , , **SPAN**-.

**SNMP** . , - , Ethernet- .

( , ) , . XML ( XStream), "" - MySQL ( JDBC Mysql Connector/J). MySQL 5 . ( [support@netams.com](mailto:support@netams.com)).

- (RPC, CAJO)

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(id), . , .

(contract) - . , .

(contract group) ( ) -, .

(account) .

(currency) , , . . - [support@netams.com](mailto:support@netams.com).

(acctunit) unit NeTAMS 3.4 , (). - IP () ( , ), . , -IP ( , , , ).

(tariff), . . , , ( ), , - (classname) . , ( , , , ).

: ( Java - ), , . , , , .

"FlatRate2", ( ), "PolicyBasedEngine", ( ), "PeriodicFeeIncludedVolume", , , .

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- NETAMS
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(service), . . , :

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- ( (IP-) ) -

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java , web/application Jetty. web- (), . , , . "" Jetty 8080 ( netams.properties). "" -, .

⋮ , . (-) , , .

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- <http://localhost:8080/webadmin/webadmin.html>  
Google Web Toolkit, AJAX/JavaScript .  
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- ( netflow-, pcap)
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- "" , ..
- (Quick Reporting)
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(, ) " ". <http://localhost:8080/> ( , ). HTML-, ( , , ). ( , , ) , .. - 0.

java-, -, , , "", SQL- . , .

**RADIUS-**

java-, [RADIUS](#). , . VPN- (NAS).

⋮ , , !  
⋮ !

, NETAMS 4.0, ., !, , . , , . , , .