**Lab 6**

**Use the network management systems (OPNNMS) to monitor networks, devices and or applications**

[**http://demo.opennms.org/opennms/login.jsp**](http://demo.opennms.org/opennms/login.jsp)

**Using OpenNMS to manage the Network , then answer the following:**

**1- The address of the** [**Nodes with Current Outages**](http://demo.opennms.org/opennms/outage/list.htm) **for more than 1 week………………….**

**2- Name of the node with the minimum peding problem……………………………**

**2- How much the availability of Web Servers ...........................%**

**3- How many nodes are there in the network ......................**

**4- What are the interfaces of barbrady.internal.opennms.com node**

**5- ID of the first “Major” event………………………….**

6- **Number of “Warninng” alarms in the system=............................**

7- **Complete the information of the last “Warninng”Alarm**

| **Node** | **Count** | **Last** | **ID** |
| --- | --- | --- | --- |
|  | **...** | **...** |  |

**9- Number of acknowledged notifications =………………………**

**8- The Node Jeffg.org have ……..number of interfaces.**

**10- From Dashboard, check resource graph of node Node:mrmakay.internal.opennms.com, response time for node172.20.1.1 for the SSH service then get the following:**

**Average response time=……………………………………**

**Minimum response time=……………………………………**

**Maximum response time=……………………………………**