**Lab - Research Network Monitoring Software**

**Objectives**

**Part 1: Survey Your Understanding of Network Monitoring**

**Part 2: Research Network Monitoring Tools**

**Part 3: Select a Network Monitoring Tool**

**Background / Scenario**

Network monitoring is needed for any sized network. Proactively monitoring the network infrastructure can

assist network administrators with their day-to-day duties. The wide variety of networking tools available vary

in cost, depending on the features, number of network locations and number of nodes supported.

In this lab, you will conduct research on available network monitoring software. You will gather information on

software products and features of those products. You will investigate one product in greater detail and list

some of the key features available.

Required Resources

• PC with internet access

**Instructions**

**Part 1: Survey Your Understanding of Network Monitoring**

Describe network monitoring as you understand it. Give an example of how it might be used in a production

network.

Place your answers here.

El monitoreo de una red es una practica consistente en monitorear una red de computadoras en busqueda de incidentes, cambios en perfolmance u otras cosas de ese estilo.

Esta podria ser utilizada en un caso empresarial para ver cambios en un servidor en cuanto a performance del cpu y ver si con eso podemos inferir si podria haber un ataque o .

**Part 2: Research Network Monitoring Tools**

Step 1: Research and find three network monitoring tools.

List the three tools that you found.

- Wireshark : una herramienta para monitorear el trafico de una red en tiempo real.

- Nagios: una herramienta que monitorea una red y notifica a los administradores cuando hay una abnormalidad

- PTRG: una herramienta de monitoreo de red que permite monitorear cosas como enrutadores. Switches y otros dispositivos de red.