Powell, Joshua

ITE 449

Assignment 6

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**Measurement type & Frequency**

* Check localhost connection every 45 mins.
* Obtain a log list of unauthorized IP addresses in a table and refresh the table every other day.
* Check web server every 10 mins.

**Tool**

* A shell script that pings web server.
* A shell script that pings the company’s router.
* A shell script that logs the performance data of all systems
* A kernel that manages memory in units
* Shell script that logs memory usage
* A shell script that logs users behaviors and response procedures
* Implement a system verification

**Trigger**

* Three failed pings to servers and router, equals 0% success.
* Users locked out of accounts because of failed attempts to login
* Notification of firewall breach and/or web produce 404.

**Action**

Email to server admin & IT supervisor

**Escalation**

Pager and email to CIO and after two additional failed attempts from server admin and/or IT supervisor fails to get web page online.