

### ตัวอย่างการดึงข้อมูลมาแสดงหน้า Dashboard

```
<?php
$host =array("10.77.4.1","10.77.1.2","10.77.6.2","10.77.3.2","10.77.4.2","10.77.5.2","10.77.8.2");
    foreach ($host as $key => $ip) {
        $traffics[$ip] = array(
            'inbound'=>snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.10'),
            'outbound' => snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.16')
        );
    }
    foreach ($traffics as $keyIP => $ip) {
        foreach ($ip as $keyInOut => $interface) {
            foreach ($interface as $key => $InOut) {
                $str = substr($InOut,10);
                $sum += $str;
                if($keyInOut == 'inbound'){
                    $traffics[$keyIP][$keyInOut] = number_format($sum /1073741824,2);
                }
                else if($keyInOut == 'outbound'){
                    $traffics[$keyIP][$keyInOut] = number_format($sum /1073741824,2);
                }
            }
            $sum = 0;
        }
    }
    foreach ($traffics as $keyIP => $ip) {
        $traffics[$keyIP]['inbound']+$traffics[$keyIP]['outbound'];
        $traffics[$keyIP] = $traffics[$keyIP]['inbound']+$traffics[$keyIP]['outbound'];
    }

    //print_r($traffics);
    $encode = json_encode($traffics);
    return $encode;
?>
```

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```
<?php
$host =array("10.77.4.1","10.77.1.2","10.77.6.2","10.77.3.2","10.77.4.2","10.77.5.2","10.77.8.2");
    foreach ($host as $key => $ip) {
        $traffics[$ip] = array(
            'inbound'=>snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.10'),
            'outbound' => snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.16')
        );
    }
    foreach ($traffics as $keyIP => $ip) {
        foreach ($ip as $keyInOut => $interface) {
            foreach ($interface as $key => $InOut) {
                $str = substr($InOut,10);
                $sum += $str;
                if($keyInOut == 'inbound'){
                    $traffics[$keyIP][$keyInOut] = number_format($sum /1073741824,2);
                }
                else if($keyInOut == 'outbound'){
                    $traffics[$keyIP][$keyInOut] = number_format($sum /1073741824,2);
                }
            }
            $sum = 0;
        }
    }
    foreach ($traffics as $keyIP => $ip) {
        $traffics[$keyIP]['inbound']+$traffics[$keyIP]['outbound'];
        $traffics[$keyIP] = $traffics[$keyIP]['inbound']+$traffics[$keyIP]['outbound'];
    }
    $encode = json_encode($traffics);
    return $encode;
?>
```

### ตัวอย่างการดึงข้อมูลมาแสดงหน้า Device

```

<?php
$host =array("10.77.4.1","10.77.1.2","10.77.6.2","10.77.3.2","10.77.4.2","10.77.5.2","10.77.8.2");
$detail = array();
$list  = array();
foreach ($host as $key => $ip) {

    $get_sysName = snmpget($ip,"public", ".1.3.6.1.2.1.1.0");

    $get_uptime  = snmpget($ip,"public", ".1.3.6.1.2.1.1.3.0");

    $get_cpuUsage = snmpget($ip,"public", ".1.3.6.1.4.1.9.9.109.1.1.1.5.1");

    $get_memUsage = snmpget($ip,"public", ".1.3.6.1.4.1.9.9.48.1.1.1.5.1");

    $get_temp     = snmp2_walk($ip,"public", ".1.3.6.1.4.1.9.9.13.1.3.1.3");

    $mem          = (substr($get_memUsage,9)/1048567);//MB

    $detail['ip']  = $ip;

    $detail['ios']  = $get_sysName;

    $detail['uptime'] = substr($get_uptime,22);

    $detail['cpu']  = substr($get_cpuUsage,9);

    $detail['mem']  = number_format($mem,2).' MB';

    if($ip == "10.77.4.1" ){

        $detail['temp'] = substr($get_temp[1],9);

    }else{

        $detail['temp'] = substr($get_temp[0],9);

    }

    array_push($list,$detail);

}

$encode = json_encode($list);
return $encode;
?>

```

### ตัวอย่างการดึงข้อมูลมาแสดงหน้า Device

```
<?php
$host =array("10.77.4.1","10.77.1.2","10.77.6.2","10.77.3.2","10.77.4.2","10.77.5.2","10.77.8.2");
    foreach ($host as $key => $ip) {
        $traffics[$ip] = array(
            'inbound'=>snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.10'),
            'outbound' => snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.16')
        );
    }
    foreach ($traffics as $keyIP => $ip) {
        foreach ($ip as $keyInOut => $interface) {
            foreach ($interface as $key => $InOut) {
                $str = substr($InOut,10);
                $sum += $str;
                if($keyInOut == 'inbound'){
                    $traffics[$keyIP][$keyInOut] = $sum /1073741824;//Gbps
                }
                else if($keyInOut == 'outbound'){
                    $traffics[$keyIP][$keyInOut] = $sum /1073741824;
                }
            }
            $sum = 0;
        }
    }
    $encode = json_encode($traffics);
    return $encode;
?>
```

### ตัวอย่างการดึงข้อมูลมาแสดงหน้า Interface

```
<?php
$host =array("10.77.4.1","10.77.1.2","10.77.6.2","10.77.3.2","10.77.4.2","10.77.5.2","10.77.8.2");
    foreach ($host as $key => $ip) {
        $traffics[$ip] = array(
            'inbound'=>snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.10'),
            'outbound' => snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.16')
        );
    }
    foreach ($traffics as $keyIP => $ip) {
        foreach ($ip as $keyInOut => $interface) {
            foreach ($interface as $key => $InOut) {
                $str = substr($InOut,10);
                $sum += $str;
                if($keyInOut == 'inbound'){
                    $traffics[$keyIP][$keyInOut] = $sum /1073741824;
                }
                else if($keyInOut == 'outbound'){
                    $traffics[$keyIP][$keyInOut] = $sum /1073741824;
                }
            }
            $sum = 0;
        }
    }
    $encode = json_encode($traffics);
    return $encode;
?>
```

### ตัวอย่างการดึงข้อมูลมาแสดงหน้า Interface

```
<?php
$host =array("10.77.4.1","10.77.1.2","10.77.6.2","10.77.3.2","10.77.4.2","10.77.5.2","10.77.8.2");
    $interfaces = array();
    $status     = array();
    $main       = array();
    foreach ($host as $key => $value) {
        $interface = snmpwalk($value, 'public', '.1.3.6.1.2.1.2.2.1.2');
        $stat      = snmpwalk($value, 'public', '.1.3.6.1.2.1.2.2.1.8');
        $interfaces[$value] = $interface;
        $status[$value] = $stat;
        $main[$value] = "";
    }
    foreach ($interfaces as $keys => $values) {
        $key_interface = array();
        foreach ($values as $key => $value) {
            $key_interface[$value] = "";
        }
        if($main[$keys] == ""){
            $main[$keys] = $key_interface;
        }
    }
    foreach ($status as $keys => $values) {
        $index = 0;
        foreach ($main[$keys] as $key => $val) {
            if($index < count($main[$keys]) ){
                if($values[$index] == 1){
                    $main[$keys][$key] = 'Up';
                }else{
                    $main[$keys][$key] = 'Down';
                }
            } $index+=1;
        }
    }
    $encode = json_encode($main);
```

### ตัวอย่างการดึงข้อมูลมาแสดงหน้า Top 10 Ranking

```
<?php
$host =array("10.77.4.1","10.77.1.2","10.77.6.2","10.77.3.2","10.77.4.2","10.77.5.2","10.77.8.2");
    $interfaces = array();
    $main      = array();
    foreach ($host as $key => $value) {
        $interface = snmpwalk($value, 'public', '.1.3.6.1.2.1.2.2.1.2');
        $start     = snmpwalk($value, 'public', '.1.3.6.1.2.1.2.2.1.8');
        $interfaces[$value] = $interface;
        $main[$value] = ' ';
    }
    foreach ($interfaces as $keys => $values) {
        $key_interface = array();
        foreach ($values as $key => $value) {
            $key_interface[$value] = "";
        }
        If($main[$keys] == ""){
            $main[$keys] = $key_interface;
        }
    }
    foreach ($status as $keys => $values) {
        $index = 0;
        foreach ($main[$keys] as $key => $val) {
            if($index < count($main[$keys]) ){
                if($values[$index] == 1){
                    $main[$keys][$key] = 'Up';
                }else{
                    $main[$keys][$key] = 'Down';
                }
            }
            $index+=1;
        }
    }
    $encode = json_encode($main);
    return $encode;
?>
```