**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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array host

$traffics[$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** **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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array host

$traffics[$ip] = array(

'inbound'=>snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.10'), //คำสั่งดึงค่าข้อมูลตามเลข mib

'outbound' => snmpwalk($ip, 'public', '.1.3.6.1.2.1.2.2.1.16')

);

}

foreach ($traffics as $keyIP => $ip) { //วนลูปจำนวนรอบเท่ากับตัวแปร array traffics

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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array traffics

$traffics[$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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array host

$get\_sysName = snmpget($ip,"public", ".1.3.6.1.2.1.1.1.0"); //คำสั่งดึงค่าข้อมูลตามเลข mib

$get\_uptime = snmpget($ip,"public", ".1.3.6.1.2.1.1.3.0");

$get\_cpuUsage = snmpget($ip,"public", ".1.3.6.1.4.1.9.9.109.1.1.1.1.5.1");

$get\_memUsage = snmpget($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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array host

$traffics[$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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array traffics

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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array host

$traffics[$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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array traffics

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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array host

$interface = snmpwalk($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) {  //วนลูปจำนวนรอบเท่ากับตัวแปร interfaces

$key\_interface = array();

foreach ($values as $key => $value) {

$key\_interface[$value] = '';

}

if($main[$keys] == ''){

$main[$keys] = $key\_interface;

}

}

foreach ($status as $keys => $values) { //วนลูปจำนวนรอบเท่ากับตัวแปร array status

$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;

?>

**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) { //วนลูปจำนวนรอบเท่ากับตัวแปร array host

$interface = snmpwalk($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) { //วนลูปจำนวนรอบเท่ากับตัวแปร interfaces

$key\_interface = array();

foreach ($values as $key => $value) {

$key\_interface[$value] = '';

}

If($main[$keys] == ''){

$main[$keys] = $key\_interface;

}

}

foreach ($status as $keys => $values) { //วนลูปจำนวนรอบเท่ากับตัวแปร array status

$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;

?>