

Procedimiento para agregar campos a un nodo en los módulos de NMIS9

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1.- Introducción

En el siguiente apartado describe el procedimiento para agregar campos personalizados a los nodo administrado por la Maquina virtual y se podran ver reflejados en NMIS9, opCharts 4 y opReports4 dependinetdo las necesidadesd el administrado.

Como fines prácticos para esta pagina consideraremos como ejemplo que el administrador desea agregar los siguiente campos "Client_Entry" y "Comments_Entry". A continuación, se muestran los archivos que se modifican con sus respectivos directorios y parámetros.

Nota: Antes de realizar cualquier cambio en los archivos se debe hacer un respaldo para restablecerlos si es necesario.

2.- Procedimiento para agregar los campos en NMIS9

1.- En el archivo **Table-Nodes.nmis** se agregan los campos "Client_Entry" y "Comments_Entry"

Directorio:

```
#El archivo Table-Nodes.nmis se encuentra en la carpeta /conf-default y de sebera transferir a la carpeta /conf
para que los cambios sean operativos.
cp /usr/local/nmis9/conf-default/Table-Nodes.nmis /usr/local/nmis9/conf/Table-Nodes.nmis

#Se abre el archivo para editar
vi /usr/local/nmis9/conf/Table-Nodes.nmis
```

Código de ejemplo.

```
{ community => { mandatory => 'true', header => 'SNMP Community',display => 'text',value => ["$C->
{default_communityRO}"] }},
#Campos Customizados
{ country => { mandatory => 'true', header => 'Country',display => 'popup', value => ["Panama"]}},
{ latitude => {header => 'Latitude',display => 'header,text',value => [""],}},
{ longitude => {header => 'Longitude',display => 'header,text',value => [""],}},
{ address => {header => 'Address',display => 'header,text',value => [""], }},
{ bandwidth => {header => 'Bandwidth_Mbps',display => 'header,text',value => [""], }},
{ circuit => {header => 'Circuit_ID',display => 'header,text',value => [""], }},
{ city => {header => 'City',display => 'header,text',value => [""], }},
{ client => {header => 'Client',display => 'header,text',value => [""], }},
{ comments => {header => 'Comments',display => 'header,text',value => [""], }},
{ customer => {header => 'customer',display => 'header,text',value => [""], }},
{ media=> {header => 'Media',display => 'header,text',value => [""], }},
{ anillo=> {header => 'Anillo',display => 'header,text',value => [""], }},
{ wmi => { special=>'separator', header => "WMI Options", } },
{ wmiusername => { header => "WMI Username", display => 'text', value => [''] }},
```

```

    },
    { ip_protocol => { header => 'IP Protocol',display => 'popup',value => ["IPv4", "IPv6"],
                      validate => { "onefromlist" => undef } } },
    { group => { mandatory => 'true', header => 'Group',display => 'header,popup,pluscustom',value => [ @groups],
                validate => { "onefromlist" => undef } } },
    { community => { mandatory => 'true', header => 'SNMP Community',display => 'text',value => ["${C->{default_community
RO}"}] } },
    { country => { mandatory => 'true', header => 'Country',display => 'popup', value => ["Panama"]}},
    { latitude => {header => 'Latitude',display => 'header,text',value => [""]}},
    { longitude => {header => 'Latitude',display => 'header,text',value => [""]}},
    { address => {header => 'Address',display => 'header,text',value => [""], }},
    { bandwidthMbps => {header => 'Bandwith_Mbps',display => 'header,text',value => [""], }},
    { cid => {header => 'Circuit_ID',display => 'header,text',value => [""], }},
    { city => {header => 'City',display => 'header,text',value => [""], }},
    { Client_Entry => {header => 'Client_Entry',display => 'header,text',value => [""], }},
    { Comments_Entry => {header => 'Comments_Entry',display => 'header,text',value => [""], }},
    { customername => {header => 'Customer_Name',display => 'header,text',value => [""], }},
    { medio=> {header => 'Medio',display => 'header,text',value => [""], }},

    { wmi => { special=>'separator', header => "WMI Options", } },
    { wmiusername => { header => "WMI Username", display => 'text', value => [''] }},
    { wmipassword => { header => "WMI Password", display => 'password', value => [''] }},

    { service_management => { special => 'separator', header => 'Service Management Options',display => 'readonly',value
=> [""] }},
    { customer => { header => 'Customer',display => 'header,popup',value => [ sort keys %{Compat::NMIS::loadGenericTable
('Customers')}} ] }},
    { businessService => { header => 'Business Service',display => 'header,scrolling',value => [ sort keys %{Compat::NMI
S::loadGenericTable('BusinessServices')} ] }},
    { serviceStatus => { header => 'Service Status',display => 'popup',value => [ sort keys %{Compat::NMIS::loadGenericT
able('ServiceStatus')} ] }},

    { extra_options => { special => 'separator', header => 'Name and URL for additional node information'}},

```

2.- En el archivo **Config.nmis** se agregan los campos nuevos que deseamos visualizar.

Directorio:

```

cd /usr/local/nmis9/conf
vi Config.nmis

```

Parámetro

Buscar el siguiente parámetro, si utiliza el editor "vi" puede utilizar la expresión Esc + / para encontrarlo de manera más ágil, enseguida agrega los campos como se muestra en el ejemplo.

```
'node_summary_field_list'
```

Código de ejemplo

```
'node_summary_field_list' => 'host,uuid,customer,businessService,serviceStatus,snmpdown,wmidown,country,
latitude,longitude,address,bandwith,circuit,city,client,comments,customern,media,anillo',
```

```

'max_child_runtime' => undef,
'model_health_sections' => 'cpu_cpm,entityMib,diskIOTable,ds3Errors,SONETErrors',
'nettype_list' => 'default,lan,man,mpls,san,voice,vpn,vsat,wan',
'network_health_view' => 'Group',
'network_summary_maxgroups' => 30,
'network_viewNode_field_list' => 'nodestatus,outage,sysName,host_addr,host_addr_backup,group,customer,location,businessService,serviceStatus,notes,nodeType,nodeModel,polling_policy,sysUpTime,sysLocation,sysContact,sysDescr,ifNumber,last_ping,last_collect,last_update,nodeVendor,sysObjectName,roleType,netType',
'nmis_executable' => '/(bin|admin|installer_hooks|conf-default/scripts|conf/scripts)/[a-zA-Z0-9_\\.-]+|\\.pl|\\.sh|/installer$',
'nmis_group' => 'nmis',
'nmis_host' => 'localhost',
'nmis_host_protocol' => 'http',
'nmis_user' => 'nmis',
'nmsd_fping_worker' => 'true',
'nmsd_max_workers' => 10,
'nmsd_scheduler_cycle' => 10,
'nmsd_worker_cycle' => 100,
'nmsd_worker_max_cycles' => '100',
'node_button_in_logs' => 'true',
'node_configuration_events' => 'Node Configuration Change, Node Reset',
'node_status_uses_status_summary' => 'true',
'node_summary_field_list' => 'host,uuid,customer,businessService,serviceStatus,snmpdown,wmidown,Client_Entry,Comments_Entry',
'nodetype_list' => 'generic,switch,router,firewall,server',
'non_stateful_events' => 'Node Configuration Change, Node Configuration Change Detected, Node Reset, NMIS runtime exceeded',
'os_cmd_file_decompress' => 'gzip -d -c',
'os_cmd_read_file_reverse' => 'tac',
'os_execperm' => '0770',
'os_fileperm' => '0660',
'os_kernelname' => '',
'os_posix' => 'false',
'overall_node_status_coarse' => 'false',
'overall_node_status_level' => 'Critical',
'page_bg_color_full' => 'true',
'page_refresh_time' => '300',
'ping_count' => '3',
'ping_packet' => '56',
'ping_retries' => '3',
'ping_timeout' => '5000',
'plugins_enabled' => 'true',
'polling_interval_factor' => '0.95',
'postpone_clashing_schedule' => 30,
'report_files_max' => '60',
'response_time_threshold' => '500',
-- INSERT --

```

393,128

85%

Buscar el siguiente parámetro, enseguida agregar los campos como se muestra en el ejemplo.

```
'network_viewNode_field_list'
```

Código de ejemplo

```

'network_viewNode_field_list' => 'nodestatus,outage,sysName,host_addr,host_addr_backup,group,latitude,longitude,
address,bandwith,circuit,city,client,comments,country,customer,media,location,businessService,serviceStatus,
notes,nodeType,nodeModel,polling_policy,sysUpTime,sysLocation,sysContact,sysDescr,ifNumber,last_ping,
last_collect,last_update,nodeVendor,sysObjectName,roleType,netType',

```

```
'file_size_warning' => '100000000',
'hide_groups' => [],
'http_req_timeout' => '60',
'interface_availability_value_when_down' => 'U',
'interface_max_number' => '5000',
'interface_util_label' => 'Util. 6hrs',
'interface_util_period' => '-6 hours',
'json_node_fields' => 'uuid,supportGroup,cmdbType',
'keep_event_history' => 'false',
'keeprrds_on_delete_node' => 'false',
'loc_from_DNSloc' => 'false',
'loc_from_sysloc' => 'false',
'loc_sysloc_format' => '^-?\d{1,3}(\.\d+)?,-?\d{1,3}(\.\d+)?,-?\d+\.+$',
'log_max_table_lines' => 25000,
'log_node_configuration_events' => 'true',
'max_child_runtime' => undef,
'model_health_sections' => 'cpu_cpm,entityMib,diskIOTable,ds3Errors,SONETErrors',
'nettype_list' => 'default,lan,man,mpls,san,voice,vpn,vsat,wan',
'network_health_view' => 'Group',
'network_summary_maxgroups' => 30,
'network_viewNode_field_list' => 'nodestatus,outage,sysName,host_addr,host_addr_backup,group,customer,location,businessService,status,notes',
,nodeType,nodeModel,polling_policy,sysUpTime,sysLocation,sysContact,sysDescr,ifNumber,last_ping,last_collect,last_update,nodeVendor,sysObjectName,role
Type,netType,Client_Entry,Comments_Entry',
'nmis_executable' => '(/(bin|admin|installer_hooks|conf-default/scripts|conf/scripts)/[a-zA-Z0-9_\.]+[\.pl|\.sh|/installer])$',
'nmis_group' => 'nmis',
'nmis_host' => 'localhost',
'nmis_host_protocol' => 'http',
'nmis_user' => 'nmis',
'nmisd_fpinger_worker' => 'true',
'nmisd_max_workers' => 10,
'nmisd_scheduler_cycle' => 10,
'nmisd_worker_cycle' => 100,
'nmisd_worker_max_cycles' => '100',
'node_button_in_logs' => 'true',
'node_configuration_events' => 'Node Configuration Change, Node Reset',
'node_status_uses_status_summary' => 'true',
'node_summary_field_list' => 'host,uuid,customer,businessService,status,snmpdown,wmidown,Client_Entry,Comments_Entry',
'nodetype_list' => 'generic,switch,router,firewall,server',
'non_stateful_events' => 'Node Configuration Change, Node Configuration Change Detected, Node Reset, NMIS runtime exceeded',
'os_cmd_file_decompress' => 'gzip -d -c',
'os_cmd_read_file_reverse' => 'tac',
'os_execperm' => '0770',
'os_fileperm' => '0660',
:
```

3.- Procedimiento para agregar los campos en opCharts

3.- En el archivo **opCommon.json** se agregan los campos nuevos que deseamos visualizar, para que se pueda ver reflejado en el modulo de opCharts.

Directorio:

```
cd /usr/local/omk/conf
vi opCommon.json
```

Buscar el siguiente parámetro, si utiliza el "vi" puede utilizar la expresión **/opcharts_node_list_exporttocs** para encontrarlo de manera más ágil.

```
"opcharts_node_list_exporttocs"
```

Código de ejemplo

```

"opcharts_node_list_exporttocsv" : [
    "catchall.data.name",
    "catchall.node_uuid",
    "catchall.data.active",
    "catchall.data.cbqos",
    "catchall.data.collect",
    "catchall.data.customer",
    "catchall.data.group",
    "catchall.data.host",
    "catchall.data.intfCollect",
    "catchall.data.ifNumber",
    "catchall.data.location",
    "catchall.data.model",
    "catchall.data.nodeModel",
    "catchall.data.nodeType",
    "catchall.data.nodestatus",
    "catchall.data.nodeVendor",
    "catchall.data.customern",
    "catchall.data.media",
    "catchall.data.anillo"
],
"opcharts_node_selector_show_more_at" : 6,

```

```

"opchartsd_update_rate" : 1,
"opCharts_connection_delay" : 5,
"opcharts_node_list_exporttocsv" : [
    "catchall.data.name",
    "catchall.node_uuid",
    "catchall.data.active",
    "catchall.data.cbqos",
    "catchall.data.collect",
    "catchall.data.customer",
    "catchall.data.group",
    "catchall.data.host",
    "catchall.data.intfCollect",
    "catchall.data.ifNumber",
    "catchall.data.location",
    "catchall.data.model",
    "catchall.data.nodeModel",
    "catchall.data.nodeType",
    "catchall.data.nodestatus",
    "catchall.data.nodeVendor",
    "catchall.data.notes",
    "catchall.data.ping",
    "catchall.data.roleType",
    "catchall.data.rttMonApplResponder",
    "catchall.data.serialNum",
    "catchall.data.server",
    "catchall.data.softwareImage",
    "catchall.data.softwareVersion",
    "catchall.data.sysContact",
    "catchall.data.sysLocation",
    "catchall.data.sysObjectName",
    "catchall.data.sysName",
    "catchall.data.sysUpTime",
    "catchall.data.Client_Entry",
    "catchall.data.Comments_Entry",
],
"opcharts_map_link_color_up" : "#00FF00",
"opcharts_custom_map_icons" : {
    "custom_1" : "/omk/icons/cloud.svg",
    "custom_0" : ""
},
"opcharts_gui_full_size_y" : 4,
"opcharts_hostname" : "",
"opcharts_gui_max_num_vertical_graphs" : 5,

```

En el mismo archivo **opCommon.json** se busca el Parámetro:

```
"opcharts_metric_summarise_by"
```

Código de ejemplo

```
"opcharts_metric_summarise_by" : [  
  {  
    "key" : "group",  
    "name" : "Group"  
  },  
  {  
    "name" : "Locations",  
    "key" : "location"  
  },  
  {  
    "name" : "Node Role",  
    "key" : "roleType"  
  },  
  {  
    "key" : "country",  
    "name" : "Country"  
  },  
  {  
    "key" : "latitude",  
    "name" : "Latitude"  
  },  
  {  
    "key" : "longitude",  
    "name" : "Longitude"  
  },  
  {  
    "name" : "Address",  
    "key" : "address"  
  },  
  {  
    "name" : "Bandwith_Mbps",  
    "key" : "bandwith"  
  },  
  {  
    "key" : "circuit",  
    "name" : "circuit"  
  },  
  {  
    "name" : "City",  
    "key" : "city"  
  },  
  {  
    "name" : "Client_Entry",  
    "key" : "client"  
  },  
  {  
    "name" : "Comments_Entry",  
    "key" : "comments"  
  },  
  {  
    "name" : "Customer_name",  
    "key" : "customern"  
  },  
  {  
    "name" : "Media",  
    "key" : "media"  
  },  
  {  
    "name" : "Anillo",  
    "key" : "anillo"  
  }  
],  
"opcharts_gui_business_service_show_pagesize" : 0,
```

```

"opcharts_nodeType_icon_map" : null,
"opcharts_gui_period_values" : [
  "8h",
  "12h",
  "1d",
  "2d",
  "5d",
  "7d",
  "14d",
  "30d",
  "60d",
  "90d",
  "180d"
],
"opcharts_metric_summarise_by" : [
  {
    "key" : "group",
    "name" : "Group"
  },
  {
    "name" : "Locations",
    "key" : "location"
  },
  {
    "name" : "Node Role",
    "key" : "roleType"
  },
  {
    "name" : "Client_Entry",
    "key" : "Client_Entry"
  },
  {
    "name" : "Comments_Entry",
    "key" : "Comments_Entry"
  }
],
"opcharts_map_link_color_error" : "#d9534f",
"opcharts_gui_node_list_view_type" : "table",
"opcharts_max_dataset_width" : 1008,
"opcharts_maps_geographical_clustering" : 1,
"opcharts_gui_default_decimals" : 2,
"opcharts_subnet_cache_update_time" : 3600,
"opcharts_gui_graph_max_entries_in_tooltip" : 5,
-- INSERT --

```

4.- En el archivo **opCharts_node-summary-table.json** se agregan los campos **"Client_Entry"** y **"Comments_Entry"**

Acceder al directorio **/table_schemas** y editar el siguiente archivo:

```

cd /usr/local/omk/lib/json/opCharts/table_schemas/
vi opCharts_node-summary-table.json

```

Código de ejemplo

```

[
  "group",
  "host",
  "host_addr",
  "location",
  "nodeVendor",
  "nodeModel",
  "country",
  "latitude",
  "longitude",
  "address",
  "bandwidth",
  "circuit",
  "city",
  "client",
  "comments",
  "customern",
  "media",
  "anillo",
  { "name" : "sysDescr", "label": "sysDescr", "cell": "Tooltip", "formatter": "ShortenedString", "maxLength" :
48},

```

```
// VERSION=1.149.0
[
  "group",
  "host",
  "host_addr",
  "location",
  "nodeVendor",
  "nodeModel",
  "Client_Entry",
  "Comments_Entry",
  { "name": "sysDescr", "label": "sysDescr", "cell": "Tooltip", "formatter": "ShortenedString", "maxLength": 48},
  { "name": "lastUpdateSec", "label": "Last Updated", "cell": "String", "formatter": "UnixTime"},
  { "name": "sysUpTimeSec", "label": "Uptime", "cell": "String", "formatter": "UpTime"},
  { "name": "remote", "label": "Managed by"}
]
```

5.- En el archivo **opCharts_node-list.json** se agregan los campos “Client_Entry” y “Comments_Entry”

Acceder al directorio **/table_schemas** y editar el siguiente archivo:

```
cd /usr/local/omk/lib/json/opCharts/table_schemas
vi opCharts_node-list.json
```

```
"sort": false,
"button_group_class": "btn-group btn-group-xs"
},
{ "name": "catchall.data.nodestatus",
  "label": "Node Status",
  "cell": "NodeStatusCell"
},
{ "name": "nodes.configuration.group",
  "label": "Group",
  "cell": "String",
  "search": "regex"
},
{ "name": "catchall.data.nodeType",
  "label": "Node Type",
  "cell": "String"
},
{ "name": "nodes.configuration.roleType",
  "label": "Role",
  "cell": "String"
},
{ "name": "catchall.data.nodeVendor",
  "label": "Vendor",
  "cell": "String"
},
{ "name": "nodes.configuration.location",
  "label": "Location",
  "cell": "String",
  "search": "regex"
},
{ "name": "nodes.configuration.Client_Entry",
  "label": "Client_Entry",
  "cell": "String",
  "search": "regex"
},
{ "name": "nodes.configuration.Comments_Entry",
  "label": "Comments_Entry",
  "cell": "String",
  "search": "regex"
},
{ "name": "latest_data.subconcepts.health.derived_data.08_health",
  "label": "Health",
  "cell": "ColouredByLevelCell",
  "levels": [ "green", 100, "yellow", 99, "orange", 80, "red", 0 ]
}
```

6.- En el archivo **opCharts_business-services-nodes.json** se agregan los campos nuevos para que aparezcan en la sección de Servicio de Negocios.

Acceder al directorio **/table_schemas** y editar el siguiente archivo:

```
cd /usr/local/omk/lib/json/opCharts/table_schemas/
vi opCharts_business-services-nodes.json
```

Se los nuevos campos requeridos por el cliente.

```
{ "name": "catchall.data.nodestatus",
  "label": "Node Status",
  "cell": "NodeStatus",
  "editable" : false
},
{ "name": "nodes.configuration.country",
  "label": "Country",
  "cell": "String",
  "search" : "regex",
  "editable" : false
},
{ "name": "nodes.configuration.latitude",
  "label": "Latitude",
  "cell": "String",
  "search" : false,
  "editable" : false
},
{ "name": "nodes.configuration.longitude",
  "label": "Longitude",
  "cell": "String",
  "search" : false,
  "editable" : false
},
{ "name": "nodes.configuration.address",
  "label": "Address",
  "cell": "String",
  "search" : "regex",
  "editable" : false
},
{ "name": "nodes.configuration.bandwidth",
  "label": "Bandwidth_Mbps",
  "cell": "String",
  "search" : "regex",
  "editable" : false
},
{ "name": "nodes.configuration.circuit",
  "label": "Circuit_ID",
  "cell": "String",
  "search" : "regex",
  "editable" : false
},
},
```

7.- En el archivo **opCharts_node_selector_sections.json** se agregan los campos nuevos para que aparezcan en la sección de Node Filter.

Acceder al directorio **/table_schemas** y editar el siguiente archivo:

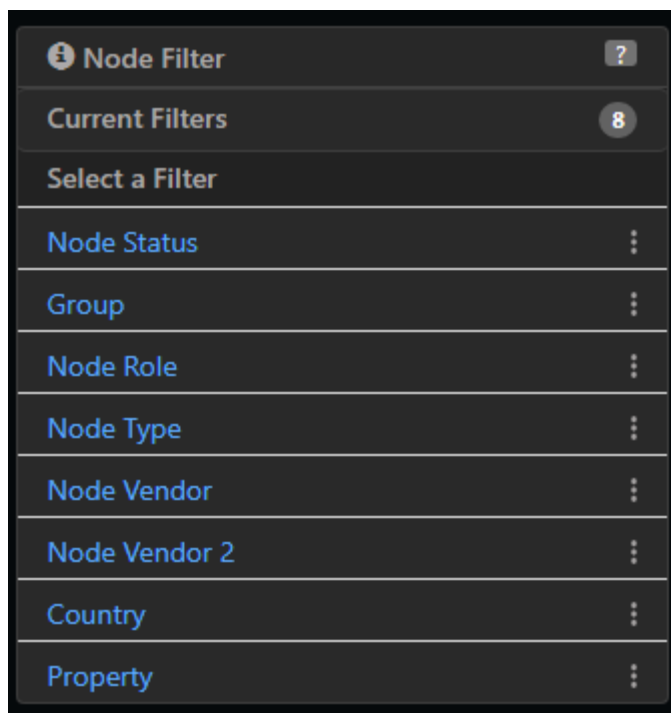
```
cd /usr/local/omk/lib/json/opCharts/table_schemas/
vi opCharts_node_selector_sections.json
```

```

...
{
  "name" : "catchall.data.nodeVendor",
  "label" : "Node Vendor 2"
},
{
  "name" : "catchall.data.country",
  "label" : "Country"
},
{
  "name" : "configuration.property",
  "label" : "Property"
}
...

```

Se mostrarán los nuevos campos requeridos por el cliente en el área de filtrado.



4.-Procedimiento para agregar los campos en opReports4

6.- En el archivo **report_node.html.ep** se agregan los campos nuevos que deseamos visualizar, para que se pueda ver reflejado en el módulo de opReports

Acceder al directorio **/reports** y editar el siguiente archivo:

```

cd /usr/local/omk/templates/reports/reports
vi report_node.html.ep

```

Código de ejemplo

```

% for my $item
('name','nodestatus','sysName','host_addr','nodeType','nodeModel','sysUpTime','ifNumber','sysLocation',
'sysContact','sysDescr','last_update','nodeVendor','sysObjectName','group','roleType','netType',
Country,'Latitude','Longitude','Address','Bandwith_Mbps','Circuit_ID','City','Client_Entry','Comments_Entry','Cu
stomer_Name','Media','Anillo') {
    <tr>
    <td class="report_primhead">

```

```

%# VERSION=2.153.0
%# template for report type node
% my (%args) = @_; my $report = $args{report};
% my $onedev = $report->{device}; my $row;

<tr>
    <!-- configuration section -->
    <td colspan='$col' class="report_primcell report_top">
        <table class="report_primtable report_notwide">
            <tr>
                <td colspan="2" class="report_primhead2">Node Details for <%= $report->{displaynames}->{$oned
ev->{name}} %></td>
            </tr>
            % for my $item ('name','nodestatus','sysName','host_addr','nodeType','nodeModel','sysUpTime','ifNumbe
r','sysLocation','sysContact','sysDescr','last_update','nodeVendor','sysObjectName','group','roleType','netType','Client_Ent
ry','Comments_Entry') {
                <tr>
                <td class="report_primhead">
                    %## OMK-6385: $nmisx_node->node_view_info(), $nmisx_node->node_summary() or $nmisx_node->configuration() now cont
ains the data at $V->{system}
                    <%= $onedev->{node_view_info}{$item}{title} || $item %>
                </td>
                <td class="report_primcell">
                    %## OMK-6385: $nmisx_node->node_view_info(), $nmisx_node->node_summary() or $nmisx_node->configuration() now cont
ains the data at $V->{system}
                    <%= $onedev->{node_view_info}{$item}{value} // $onedev->{node_summary}{$item}
                    %>
                </td>
            </tr>
            % }
        </table>
    </td>
</tr>

"report_node.html.ep" 257L, 9233C

```

Resultados

Visualización en NMIS9

Edit Node

Table Nodes	
Name *	TSA_TRAFICO_HUB_JUPITER
New Name	
UUID	f84051aa-33b7-4d2b-88b8-fa180adb2104
Host Name/IP Address *	
Fallback Host Name/IP Address	
IP Protocol	IPv6
Group *	PANAMA
SNMP Community *	jupnocro
Country *	Panama
Latitude	
Longitude	
Address	
Bandwidth_Mbps	
Circuit_ID	
City	
Client_Entry	test_Client_Entry
Comments_Entry	test_Comments_Entry
Customer_Name	
Medio	
WMI Options	
WMI Username	
WMI Password	

NMIS 9.1.2a	Node TSA_TRAFICO_HUB_JUPITER	interface
Node Details - TSA_TRAFICO_HUB_JUPITER - Edit Node - Node Configuration		
nodestatus	reachable	
System Name	GW101TSA11F1W	
IP Address		
Backup IP Address		
Group	PANAMA	
Customer	Opmantek	
Location	Cloud	
Business Service		
Service Status	Development	
Notes		
Type	generic	
Model	Default	
Polling Policy	default	
Uptime	291 days, 13:07:18	
SNMP Location	Germantown, Maryland	
Contact	ftalabi@hns.com	
Description	Timing Synchronization Application	
Interfaces	6	
Last Ping	23-Feb-2021 17:41:59	
last_collect		
Last Update	22-Feb-2021 23:27:44	
Vendor	Hughes Electronics Corp.	
Object Name	enterprises.303.3.3.45.8	
Role	core	
Net	mpls	
Client_Entry	test1	
Comments_Entry	test2	

Visualización en opCharts4

opCharts 4.2 Vistas Reportes Eventos Config
Sistema Módulos Ayuda ES Usuario: rnmis

Nodes

Buscar Equipo

Search Nodes

Período:

Nodes												
Panel View												
											Nombre	Query x
Nombre	Nodo	Links	Estatus del equipo	Grupo	Tipo de Equipo	Rol	Fabricante	Ubicacion	Client_Entry	Comments_Entry	Salud	Last Poll
TSA_TRAFICO_HUB_JURTER	-	-	Afected	PANAMA	generic	core	Hughes Electronics Corp.	Cloud	test1	test2	OK 174	2021-02-23T23:56:37
ISCOM2948GF_AC_CALLER2x03	-	-	Afected	COLOMBIA	generic	default	Beijing Raitecom Scientific & Technology Development Co., Ltd.	Cloud			OK 835	2021-02-23T23:56:08
COVCCALATTPREATT_SITE02	-	-	Afected	COLOMBIA	router	default	Cisco Systems	Cloud			Good 100	2021-02-23T23:56:19
COCD08GC7ZRTCUFN02	-	-	Degraded	COLOMBIA	default	default		Cloud			Warning 120	2021-02-23T23:56:19
ISCOM2924GF_AC_IFX_BARRANQUILLA	-	-	Afected	COLOMBIA	generic	default	Beijing Raitecom Scientific & Technology Development Co., Ltd.	Cloud			OK 120	2021-02-23T23:56:16

 opCharts 4.2 Vistas ▾ Reportes ▾ Eventos ▾ Config ▾

[Inicio](#) / [Nodos](#) / TSA_TRAFICO_HUB_JUPITER
TSA_TRAFICO_HUB_JUPITER



 Info de Equipo 

Estado	Alcanzable
SNMP	Arriba
Grupo	PANAMA
Equipo	
host_addr	
Ubicación	Cloud
Marca	Hughes Electronics Corp.
Modelo	Default
Client_Entry	test1
Comments_Entry	test2
sysDescr	Timing Synchronization Application
Ultima Actualizacion	
Uptime	291 days, 13:12:14
Managed by	local

Visualización en opReports 4

Node Report for TSA_TRAFICO_HUB_JUPITER

Coverage: 7 day(s), from 2021-02-16T05:46:07 to 2021-02-23T05:46:07 AEST

Generated: 2021-02-23T05:46:07 AEST

Node Details for TSA_TRAFICO_HUB_JUPITER

Name	TSA_TRAFICO_HUB_JUPITER
Node Status	reachable
System Name	GW101TSA11F1W
IP Address	10.10.10.10
Type	generic
Model	Default
Uptime	290 days, 18:52:59
Interfaces	6
SNMP Location	Germantown, Maryland
Contact	ftalabi@hns.com
Description	Timing Synchronization Application
Last Collect	22-Feb-2021 23:27:44
Vendor	Hughes Electronics Corp.
Object Name	enterprises.303.3.3.45.8
Group	PANAMA
Role	core
Net	mpls
Client_Entry	test1
Comments_Entry	test2

Interface Table

ifDescr	Description	ifIndex	ifSpeed	ifType	ifAdminStatus	ifOperStatus	collect
lo		1	10 Mbps	softwareLoopback	up	up	true
nic2		2	1 Gbps	ethernetCsmacd	up	up	true

NOTA: Antes de realizar una actualización a cualquier módulo de OMK, recomendamos mover todos los archivos de **table_schemas** modificados a la carpeta **/usr/local/omk/conf/form_schemas**, esto para evitar que sean reemplazados con las nuevas versiones y se puedan mantener todos los campos personalizados agregados.