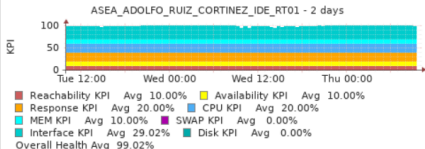
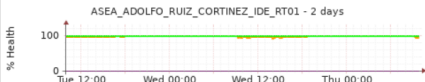
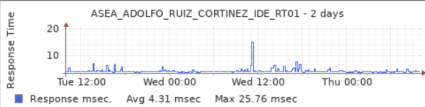


Agregar más propiedades a un nodo

Este apartado es para describir el procedimiento para incorporar mas campos a las propiedades de un nodo

Por default se encuentran los siguientes campos en las propiedades de un nodo

NMIS 8.7.1G		Node ASEA_ADOLFO_RUIZ_CORTINEZ_IDE_RT01		status	interfaces	active intf	ports	System Health	events	outage	Diagnostic	contact	location
Node Details - ASEA_ADOLFO_RUIZ_CORTINEZ_IDE_RT01 - Edit Node - Node Configuration													
Node Status	reachable			KPI Scores									
System Name	RI01-ASEA-PRINCIPAL			Reachability 10/10		Availability 10/10		Response 20/20		CPU 20/20			
IP Address	189.240.70.153 (ASEA_ADOLFO_RUIZ_CORTINEZ_IDE_RT01)			MEM 10/10		Interface 29 68/30							
Key Performance Indicators													
<div>ASEA_ADOLFO_RUIZ_CORTINEZ_IDE_RT01 - 2 days</div> <div></div> <div>Reachability KPI Avg 10.00% Availability KPI Avg 10.00% Response KPI Avg 20.00% CPU KPI Avg 20.00% MEM KPI Avg 10.00% SWAP KPI Avg 0.00% Interface KPI Avg 29.02% Disk KPI Avg 0.00% Overall Health Avg 99.02%</div>													
Overall Reachability, Availability and Health													
<div>ASEA_ADOLFO_RUIZ_CORTINEZ_IDE_RT01 - 2 days</div> <div></div> <div>Health Avg 98.998% Reachability Avg 100.000% Availability Avg 100.000% Ping_loss Avg 0.000% Planned Outage Avg 0.000%</div>													
Response Time in milliseconds													
<div>ASEA_ADOLFO_RUIZ_CORTINEZ_IDE_RT01 - 2 days</div> <div></div> <div>Response msec Avg 4.31 msec Max 25.76 msec</div>													
il. <div>ASEA_ADOLFO_RUIZ_CORTINEZ_IDE_RT01 2 days</div>													

Para personaliza y agregar unos campos se han integrado el siguiente ejemplo:

La personalización que se desea integrar es el campo contry y property, para ello es necesario incorporar las siguientes lineas en el archivo

```
/usr/local/nmis8/conf/Table-Nodes.nmis
```

```
{ country => { mandatory => 'true', header => 'Country',display => 'popup', value => ["Mexico","Nicaragua","Honduras","El Salvador","Costa Rica","Panama"]}},
{ property => { mandatory => 'true', header => 'Property',display => 'popup', value => ["Customer"]}},
```

```
%hash = (
  Nodes =>
  [
    { name => { mandatory => 'true', header => 'Name',display => 'key,header,text',value => [""]},
      validate => { 'regex' => $C->{node_name_rule} || qr/^[a-zA-Z0-9_ -]+$/ } }},
    { new_name => { header => 'New Name', display => 'text,editonly', value => [""]},
      validate => { 'regex-or-empty' => $C->{node_name_rule} || qr/^[a-zA-Z0-9_ -]+$/ } }},

    { uuid => { header => 'UUID',display => 'header,readonly',value => ["$uuid"] } }},

    { host => { mandatory => 'true', header => 'Host Name/IP Address',display => 'header,text',value => [""],
      # nmis doesn't support ipv6 yet
      validate => { "resolvable" => [ 4 ] } }

  ],
  { host_backup => { header => 'Fallback Host Name/IP Address',display => 'header,text',value => [""],
    # nmis doesn't support ipv6 yet
    validate => { "resolvable-or-empty" => [ 4 ] } }

  },
  { country => { mandatory => 'true', header => 'Country',display => 'popup', value => ["Mexico","Nicaragua","Honduras","El Salvador","Costa Rica","Panama"]}},
  { property => { mandatory => 'true', header => 'Property',display => 'popup', value => ["Customer"]}},

  { group => { mandatory => 'true', header => 'Group',display => 'header,popup',value => [ @groups],
    validate => { "onefromlist" => undef } } }},
  { community => { mandatory => 'true', header => 'SNMP Community',display => 'text',value => ["$C->{default_communityR0"} ]}},

  { 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 %{\loadGenericTable('Customers')} ] }},
  { businessService => { header => 'Business Service',display => 'header,scrolling',value => [ sort keys %{\loadGenericTable('BusinessServices')} ] } },
  { serviceStatus => { header => 'Service Status',display => 'popup',value => [ sort keys %{\loadGenericTable('ServiceStatus')} ] } },

  { extra_options => { special => 'separator', header => 'Name and URL for additional node information'}},
  { node_context_name => { header => 'Node Context Name',display => 'text',value => ["Node Context"] }},
  { node_context_url => { header => 'Node Context URL',display => 'text',value => ["https://somelink.com/map/thing/"] }},

  { extra_options => { special => 'separator', header => 'Name and URL for remote management connection'}},
  { remote_connection_name => { header => 'Remote Connection Name',display => 'text',value => ["SSH to Node"] }},
  .. INSERT ..

```

Después de agregar las nuevas propiedades se guardan lo cambios aplicado en **Table-Nodes.nmis**

Ahora ya se pueden agregar/editar equipos visualizando las nuevas propiedades.

Table Nodes	
Name *	ADIP_GCDMX_INST_DE_LA_JUVENTUD_IDE_RT01
New Name	<input type="text"/>
UUID	8cf0e588-dd09-11ea-b65a-82b3411172a6
Host Name/IP Address *	ADIP_GCDMX_INST_DE_LA_JUVENTUD_IDE_RT01
Fallback Host Name/IP Address	<input type="text"/>
Country	Mexico
Property	Customer
Group	Branches
SNMP Community	<input type="text"/>
WMI Options	
WMI Username	<input type="text"/>
WMI Password	<input type="password"/>
Service Management Options	
Customer	Oprmantek
Business Service	Core Network Web Page eCommerce eMail
Service Status	Development
Name and URL for additional node information	
Node Context Name	Node Context
Node Context URL	https://somelink.com/map/thing/
Name and URL for remote management connection	
Remote Connection Name	SSH to Node
Remote Connection URL	ssh://\$host

Si se desea integrar estos parámetros al realizar una carga masiva se debe modificar el archivo CSV para importar los nodos de la siguiente manera, puedes descargar la plantilla aquí [import_nodes_sample.csv](#)

E16								
	A	B	C	D	E	F	G	H
1	name	host	group	role	community	country	property	
2	R3	172.22.1.14	ServiceDesk	core	SNMPTRAP	Mexico	Customer	
3	R4	172.22.1.15	ServiceDesk	core	SNMPTRAP	Panama	Customer	
4	R5	172.22.1.16	ServiceDesk	core	SNMPTRAP	Honduras	Customer	
5	R6	172.22.1.18	ServiceDesk	core	SNMPTRAP	Mexico	Customer	
6	R7	172.22.1.20	ServiceDesk	core	SNMPTRAP	Honduras	Customer	
7	R8	172.22.1.22	ServiceDesk	core	SNMPTRAP	Mexico	Customer	
8								
9								
10								
11								

Posteriormente se necesita realizar ajustes agregando los campos **country** y **property** en el script de importación de nodos ubicado en

```
/usr/local/nmis8/admin/import_nodes.pl
```

```
$LNT->{$nodekey}{country} = $newNodes{$node}{country} || "Mexico";
$LNT->{$nodekey}{property} = $newNodes{$node}{property} || "Customer";
```

```

127
128 my $netType = $newNodes{$node}{net} || "lan";
129 $netType = $newNodes{$node}{netType} if $newNodes{$node}{netType}; ### AQUI SE AGREGAN CAMPOS
130
131 $LNT->{$nodekey}{name} = $newNodes{$node}{name};
132 $LNT->{$nodekey}{host} = $newNodes{$node}{host} || $newNodes{$node}{name};
133 $LNT->{$nodekey}{group} = $newNodes{$node}{group} || "NMIS8";
134 $LNT->{$nodekey}{roleType} = $newNodes{$node}{role} || "access";
135 $LNT->{$nodekey}{community} = $newNodes{$node}{community} || "public";
136 $LNT->{$nodekey}{country} = $newNodes{$node}{country} || "Mexico";
137 $LNT->{$nodekey}{property} = $newNodes{$node}{property} || "Customer";
138
139 $LNT->{$nodekey}{businessService} = $newNodes{$node}{businessService} || "";
140 $LNT->{$nodekey}{serviceStatus} = $newNodes{$node}{serviceStatus} || "Production";
141 $LNT->{$nodekey}{location} = $newNodes{$node}{location} || "default";
142
143 $LNT->{$nodekey}{active} = $newNodes{$node}{active} || "true";
144 $LNT->{$nodekey}{collect} = $newNodes{$node}{collect} || "true";
145 $LNT->{$nodekey}{netType} = $newNodes{$node}{net} || "lan";
146 $LNT->{$nodekey}{depend} = $newNodes{$node}{depend} || "N/A";
147 $LNT->{$nodekey}{threshold} = $newNodes{$node}{threshold} || 'true';
148 $LNT->{$nodekey}{ping} = $newNodes{$node}{ping} || 'true';
149 $LNT->{$nodekey}{port} = $newNodes{$node}{port} || '161';
150 $LNT->{$nodekey}{cbqos} = $newNodes{$node}{cbqos} || 'none';
151 $LNT->{$nodekey}{calls} = $newNodes{$node}{calls} || 'false';
152 $LNT->{$nodekey}{rancid} = $newNodes{$node}{rancid} || 'false';
153 $LNT->{$nodekey}{services} = $newNodes{$node}{services} || undef;
154 $LNT->{$nodekey}{webserver} = $newNodes{$node}{webserver} || 'false';
155 $LNT->{$nodekey}{model} = $newNodes{$node}{model} || 'automatic';
156 $LNT->{$nodekey}{version} = $newNodes{$node}{version} || 'snmpv2c';
157 $LNT->{$nodekey}{timezone} = $newNodes{$node}{timezone} || 0;
158
159 }
```

Nota: En este ejemplo **Mexico** y **Customer** es un valor por defecto que va a asignar si el campo declarado en el CSV es vacío.

Posterior a los cambios efectuados en los archivos involucrados se puede realizar la importación de nodos de manera normal y el cambio será respetado, es necesario validar en la GUI de NMIS.

Referencia del procedimiento para la importación de nodos [Agregar nodos vía consola](#)