

# Importing Nodes with Admin GUI



## Version

Required: opCharts 4.3.8 or greater



## opHA

NOTE: If using opHA this must be done in the MAIN PRIMARY server, not on your pollers or Primary. You are able to assign Nodes to pollers through Admin Gui by editing the nodes on the GUI or assigning it on import by adding the header 'cluster\_id'. For more information about this go to [Import Nodes into NMIS9 - bulk import and integration CLI](#).

1. Open your web browser of choice and navigate to <http://<server>/omk>
2. On the left-hand side click "Add Nodes", this will take you to the Admin portal or you can go to <http://<server>/omk/admin/nodes>

FirstWave Applications

Database Status: ✔  
All configured databases are ok.

**Welcome to the FirstWave Virtual Machine**  
You've joined a group of over 150,000 organizations globally who use software from FirstWave (formerly known as Opmantek) to help support their networks, so you've come to the right place!  
All FirstWave applications are flexible and adaptable. It's easy: first add devices (and access credentials) so data can be collected, then use the FirstWave applications to access the information you need to gain visibility of your IT environment.

**Add Nodes** First Step  
Application Administration Second Step  
Getting Started with FirstWave Applications Guide Documentation

**Need Support?**  
Extensive product documentation, guides and community questions are available on the Community Wiki.  
[Community Wiki](#)  
[Community Questions](#)  
[Open Support Ticket](#)

**Applications:**  
**NMIS** 9.4.8  
NMIS provides visibility of an IT environment, providing valuable information about infrastructure performance and faults.  
Your version is up to date.  
**opCharts** 4.3.9  
Delivers interactive charts, custom dashboards and network diagrams.  
**opHA** 3.3.2  
Manage large and geographically dispersed environments.  
**Open-Audit** 4.3.4  
Open-Audit intelligently scans your network for everything.

EN English (United States) Powered By Firstwave

3. on the Node Admin portal select the upload icon on the buttons above the node table.

Administration

Home / Nodes

**Nodes**

Home  
Nodes  
Change Password  
Locations  
Contacts  
Monitored Services  
Escalation Policy  
Event Configuration  
Polling Policy  
NMIS Users  
Access Policy  
Customers  
Business Services

Showing 1 to 4 of 4 entries

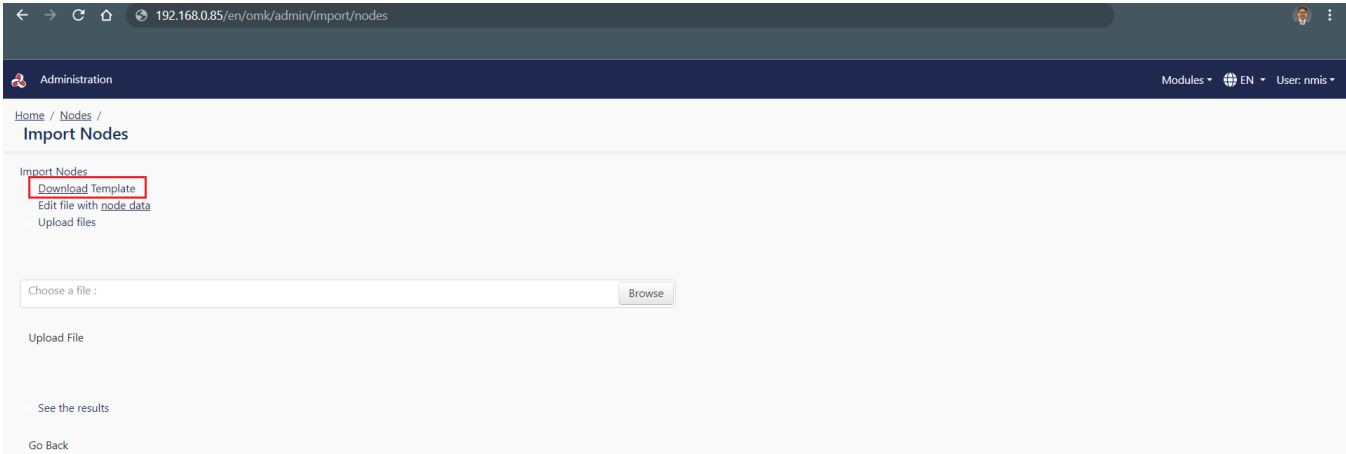
<input type="checkbox"/>	Name	Group	Location	Business Service	Host	Addresses	Activated	Cluster	Status
<input type="checkbox"/>	PCWin	Windows Servers	Cloud		192.168.0.7				
<input type="checkbox"/>	Printer	NMIS9	Cloud		192.168.0.50				
<input type="checkbox"/>	Win2012Server	Windows Servers	Cloud		192.168.0.103				
<input type="checkbox"/>	localhost	Windows Servers	Cloud		127.0.0.1	[object Object]			

Showing 1 to 4 of 4 entries

1

Show 25

4. If you do not already have the template for import nodes you can Download it now from this page by clicking "Download Template"



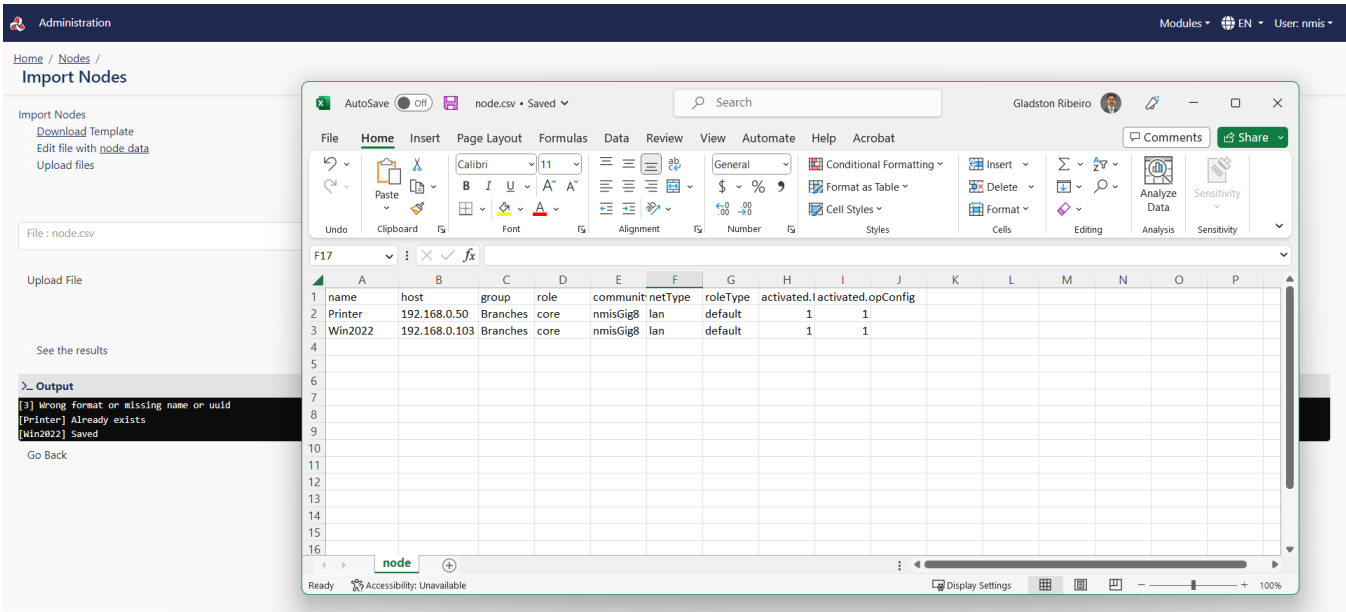
5. The template contains the minimum fields needs to create a node.



#### Note

Input for nodeType, netType and roleType must MATCH options available in your configuration. Please visit the wiki article [Opmantek System Configuration](#) for more information and how to use the API to edit!

- Once you have filled out the minimum required fields Save your import file (keep as a CSV), and go back to the import Nodes page.
- On import Nodes Page you will click Browse, find your import that you created, select it and click Open.
- You should now see your import file name in the File box, validate its there then select Upload File
- Once import finishes you should see output below either showing success (Saved) or errors showing what went wrong



192.168.0.85/en/omk/admin/nodes

Administration

Modules
EN
User: nmis

Home / Nodes
Nodes

Home
Nodes
Change Password
Locations
Contacts
Monitored Services
Escalation Policy
Event Configuration
Polling Policy
NMIS Users
Access Policy
Customers
Business Services

+

Name
Search term
Go

	Name	Group	Location	Business Service	Host	Addresses	Activated	Cluster	Status
<input type="checkbox"/>	PCWin	Windows Servers	Cloud		192.168.0.7				
<input type="checkbox"/>	Printer	NMIS9	Cloud		192.168.0.50				
<input type="checkbox"/>	Win2012Server	Windows Servers	Cloud		192.168.0.103				
<input type="checkbox"/>	Win2022	Branches							
<input type="checkbox"/>	localhost	Windows Servers	Cloud		127.0.0.1	[object Object]		Local	

Showing 1 to 5 of 5 entries

Show
25

Your import/creation of Nodes is now complete! NMIS will now go through testing connection, snmp, finding the best model to fit your device and start collecting! If assigning a Node to a different poller (opHA) this will not be pushed until the opha cron job runs, it can be called manually:

```
/usr/local/omk/bin/opha-cli act=sync-all-nodes
```



# Advance Node Import

If you want to automate your node import to have more of your metadata filled you can do this simply by adding the column headers you are wanting to use! First lets talk about getting those headers!

1. To find the available headers we will use our [node\\_admin.pl](#) tool with a sample node. To do this open a ssh session to your Opmantek Server and log in.  
More on node [Node Administration Tools](#)
2. Run cmd:

```
sudo /usr/local/nmis9/admin/node_admin.pl act=show node=YOUR_NODE_NAME
```

```
[omkadmin@omk-vm9-centos7 tmp]$
[omkadmin@omk-vm9-centos7 tmp]$
[omkadmin@omk-vm9-centos7 tmp]$ sudo /usr/local/nmis9/admin/node_admin.pl act=show node=Printer
entry.activated.NMIS=1
entry.cluster_id=7c1084fe-5f66-4b3b-8a3b-6e58cc8aff4f
entry.configuration.active=1
entry.configuration.authkey=
entry.configuration.authpassword=
entry.configuration.authprotocol=md5
entry.configuration.businessService=
entry.configuration.cbqos=none
entry.configuration.collect=1
entry.configuration.community=nmisGig8
entry.configuration.context=
entry.configuration.customer=Opmantek
entry.configuration.display_name=
entry.configuration.group=NMIS9
entry.configuration.host=192.168.0.50
entry.configuration.host_backup=
entry.configuration.ip_protocol=IPv4
entry.configuration.location=Cloud
entry.configuration.max_msg_size=1472
entry.configuration.max_repetitions=0
entry.configuration.mode1=Cisco-Gladston-auto
entry.configuration.nettype=default
entry.configuration.node_context_name=Node Context
entry.configuration.node_context_url=https://somelink.com/map/thing/
entry.configuration.notes=
entry.configuration.ping=1
entry.configuration.polling_policy=default
entry.configuration.port=161
entry.configuration.privkey=
entry.configuration.privpassword=
entry.configuration.privprotocol=des
entry.configuration.remote_connection_name=SSH to Node
entry.configuration.remote_connection_url=ssh://$host
entry.configuration.roleType=default
entry.configuration.serviceStatus=Development
entry.configuration.threshold=1
entry.configuration.timezone=0
entry.configuration.username=
entry.configuration.version=snmpv2c
entry.configuration.webserver=0
entry.configuration.wmidomain=
entry.configuration.wmipassword=
entry.configuration.wmiusername=
entry.configuration.wmiversion=Version 2
entry.name=Printer
entry.uuid=3c173905-aae1-4c84-bc1e-b4cb41a23a9d
[omkadmin@omk-vm9-centos7 tmp]$
```

1. From the output you can pick the header you want and put it in your import node CSV.

Example: If I wanted to add Status to my import I would find my output of `serviceStatus: entry.configuration.serviceStatus=Development`

Import would look like:

[illegible]