

## Administration du réseau : utilisation de NEDI

**La gestion des commutateurs** (angl. Switch) peut se révéler difficile sans deux Informations indispensables :

- la localisation et l'adressage IP de chaque commutateur
- l'attribution des ports aux différents VLAN

Les outils **rtgi** et **nedi** permettent de trouver ces informations.

Nedi est accesible via la machine virtuelle switcher : **<http://switcher:10080>**



NeDi hasn't caused any damage yet! I won't take any responsibility, if you mess up your network with NeDi!

User admin\_local

Pass

Login

Devices Topology User Other admin\_local

### User Profile

admin\_local

Bit/s 
 Fahrenheit

english | 
 default |

Update

### Groups

Admin	Network	Helpdesk	Monitoring	Manager	Other	Time
						17.Nov 11 16:00 30.Jan 12 13:00



### Admin Messages

#### Welcome to NeDI

- Find documentation [here](#).
- Join our [community](#).
- Or just have a [chat](#).

**Change the admin password now!**

Then edit this message to fit your needs (by clicking the notepad above)

**Sur cette page, vous pouvez modifier vos paramètres d'utilisateur**

NeDi Logo | **Devices** | Topology | User | Other | admin\_local

- List
- Modules
- Interfaces
- Vlans
- Status
- Config
- Graph
- Stock

### User Profile

admin\_local

Bit/s
  Fahrenheit

### Groups

Admin	Work	Helpdesk	Monitoring	Manager	Other	Time
						★ 17.Nov 11 16:00 👁 30.Jan 12 13:00



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**Le menu « devices »  
L'option la plus utile sera :  
« List »**

Devices **Topology** User Other admin\_local

- Routes
- Multicast
- Spanningtree
- Map
- Table

### User Profile

admin\_local

Bit/s: 5  
Fahrenheit: 5  
language: english  
units: default  
notifications: 10 %  
font: Small

### Groups

Admin	Network	Helpdesk	Monitoring	Manager	Other	Time
						17.Nov 11 16:00 30.Jan 12 13:00



### Admin Messages

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**Le menu « Topology »,  
Un peu technique, peut  
permettre de découvrir des  
erreurs de configuration du  
réseau (ex spanningtree)**

Device List

Condition A: Name [v] regexp [v] [12] [input]

Combination: Condition A [v]

Condition B: Name [v] regexp [v] [12] [input]

Display: Name [v] Main IP [v] Original IP [v] Serial# [v] Show [button]

Name	Main IP	Serial#	Location	Contact	Lastseen
rca0451442ysw126	10.145.69.126	210235A04UA084000013	Hangzhou, China	Hangzhou H3C Tech. Co., Ltd.	30.Jan 12 13:00
5500-Unit1-Chateau-Blanc	10.145.69.10	9KBF7SJ3AB280	Marlborough, MA 01752 USA	3Com Corporation.	30.Jan 12 12:55
SR5-ChateauBlanc	10.145.69.116	YEDF9TM8A56C0	Marlborough, MA 01752 USA	3Com Corporation.	30.Jan 12 13:00
SR1	10.145.69.119	L6EV7RJ742640	Salle des Prof		0
SR2	10.145.69.120	L6EV7RJ741D00	SR2_		0
SR3	10.145.69.121	L6EV7RJ743340	SR3_Chateau blanc		0
SR4	10.145.69.122	L6EV7RJ740B80			30.Jan 12 13:00

**Le menu « devices » => « List »**  
**Liste toutes vos piles (stack) de**  
**switches**  
**Avec leur adresse IP**

**Le détail d'un switch :  
Notez la liste des vlans,  
l'adresse IP, la localisation du  
switch**

Device Status

Device SR1

Summary Links

 <b>SR1</b>	
<b>Main IP</b>	10.145.69.119 
<b>Original IP</b>	10.145.69.119 
<b>Services</b>	Bridge
<b>Bootimage</b>	- (other)
<b>Serial#</b>	L6EV7RJ742640
<b>Description</b>	<b>3Com SuperStack 3</b> 3Com SuperStack 3
<b>Location</b>	Salle des Prof
<b>Contact</b>	
<b>VTP</b>	Domain:- none (0)
<b>SNMP</b>	 monitor Version 1
<b>CLI</b>	 Port -
<b>Firstseen</b>	17.Nov 11 16:15

 <b>Interface</b>	 <b>Neighbour</b>	 <b>Bandwidth</b>	 <b>PoE</b>	 <b>abc</b> <b>Type</b>
<b>List Empty</b>				
0 Links, 0 W total				

 <b>Vlan</b>	 <b>Name</b>
<b>15000</b>	Default VLAN
<b>15002</b>	Serveurs
<b>15004</b>	DMZ
<b>15006</b>	Comm
<b>15008</b>	DMZ_Priv
<b>15010</b>	Exterieur

17 Vlans (SELECT \* FROM vlans WHERE device = "SR1" ORDER BY vlanid )

Interfaces

Name	Vlan	Info	Speed	Duplex	Lastseen	Inb	Out	Inb	Out	Address
RMONPort01onunit1	11	RMON Port 01 on unit 1 RMON Port 01 on unit 1	100M	-	60 D 21:59	320	43343	0	0	
RMONPort02onunit1	11	RMON Port 02 on unit 1 RMON Port 02 on unit 1	100M	-	0 D 0:19	33378	72051	0	0	
RMONPort03onunit1	11	RMON Port 03 on unit 1 RMON Port 03 on unit 1	100M	-	0 D 1:29	0	43343	0	0	
RMONPort04onunit1	11	RMON Port 04 on unit 1 RMON Port 04 on unit 1	100M	-	203 D 1:38	0	0	0	0	
RMONPort05onunit1	11	RMON Port 05 on unit 1 RMON Port 05 on unit 1	100M	-						
RMONPort06onunit1	11	RMON Port 06 on unit 1 RMON Port 06 on unit 1	10M	-						
RMONPort07onunit1	11	RMON Port 07 on unit 1 RMON Port 07 on unit 1	100M	-						
RMONPort08onunit1	11	RMON Port 08 on unit 1 RMON Port 08 on unit 1	100M	-						
RMONPort09onunit1	11	RMON Port 09 on unit 1 RMON Port 09 on unit 1	100M	-						
RMONPort10onunit1	11	RMON Port 10 on unit 1 RMON Port 10 on unit 1	100M	-						
RMONPort11onunit1	8	RMON Port 11 on unit 1 RMON Port 11 on unit 1	100M	-	203 D 1:38	0	0	0	0	
RMONPort12onunit1	11	RMON Port 12 on unit 1 RMON Port 12 on unit 1	100M	-	203 D 1:38	0	0	0	0	

**Le détail d'un swich (suite) :**  
**Notez la liste des ports ainsi que leur état (couleur), le vlan affecté à chaque port, le débit négocié, l'état duplex, le lastseen, les quantités de donnée in et out**

## NeDi Devices-Status - Mozilla Firefox

Fichier Édition Affichage Historique Marque-pages Outils Aide

NeDi Devices-Status

Webmin 1.510 sur proxy-i (U... ×

ipr0451442y.lyc-chateau-bla... ×



10.145.69.133:10080/Devices-Status.php?dev=SR1



Google



			44 on unit 1	100M	-	203 D 1:38	0	0	0	0	
	<b>RMONPort45onunit1</b>	8	RMON Port 45 on unit 1 <i>RMON Port 45 on unit 1</i>	100M	-	203 D 1:38	0	0	0	0	
	<b>RMONPort46onunit1</b>	11	RMON Port 46 on unit 1 <i>RMON Port 46 on unit 1</i>	100M	-	203 D 1:38	0	0	0	0	
	<b>RMONPort47onunit1</b>	11	RMON Port 47 on unit 1 <i>RMON Port 47 on unit 1</i>	100M	-	203 D 1:38	0	0	0	0	
	<b>RMONPort48onunit1</b>	11	RMON Port 48 on unit 1 <i>RMON Port 48 on unit 1</i>	100M	-	203 D 1:38	0	0	0	0	
	<b>RMONPort49onunit1</b>	1	RMON Port 49 on unit 1 <i>RMON Port 49 on unit 1</i>	1G	-	202 D 20:47	6078868	1065853	0	0	
	<b>Port-198</b>	0	Console Port 192.168.101.1 on unit 1	19200	-	203 D 1:38	0	0	0	0	
	<b>Port</b>	0	Management Port 10.145.69.119 on unit 1 <i>3Com SuperStack 3</i>	10M	-	203 D 1:38	162655	281313	0	0	00186e742640 10.145.69.119/25
	<b>VLAN00001</b>	0	VLAN 00001	0	-	203 D 1:38	0	0	0	0	
	<b>802.1QEncapsulationTag0001</b>	0	802.1Q Encapsulation Tag 0001								
	<b>VLAN00002</b>	0	VLAN 00002								
	<b>802.1QEncapsulationTag0002</b>	0	802.1Q Encapsulation Tag 0002								
	<b>VLAN00003</b>	0	VLAN 00003								
	<b>802.1QEncapsulationTag0003</b>	0	802.1Q Encapsulation Tag 0003								
	<b>VLAN00004</b>	0	VLAN 00004	0	-	203 D 1:38	0	0	0	0	
	<b>802.1QEncapsulationTag0004</b>	0	802.1Q Encapsulation Tag 0004	0	-	203 D 1:38	0	0	0	0	
	<b>VLAN00005</b>	0	VLAN 00005	0	-	203 D 1:38	0	0	0	0	
	<b>802.1QEncapsulationTag0005</b>	0	802.1Q Encapsulation Tag 0005	0	-	203 D 1:38	0	0	0	0	

**Le détail d'un switch (suite) :  
Notez le port 49 dans le vlan 1  
(actifs) relié au backbone.**

