

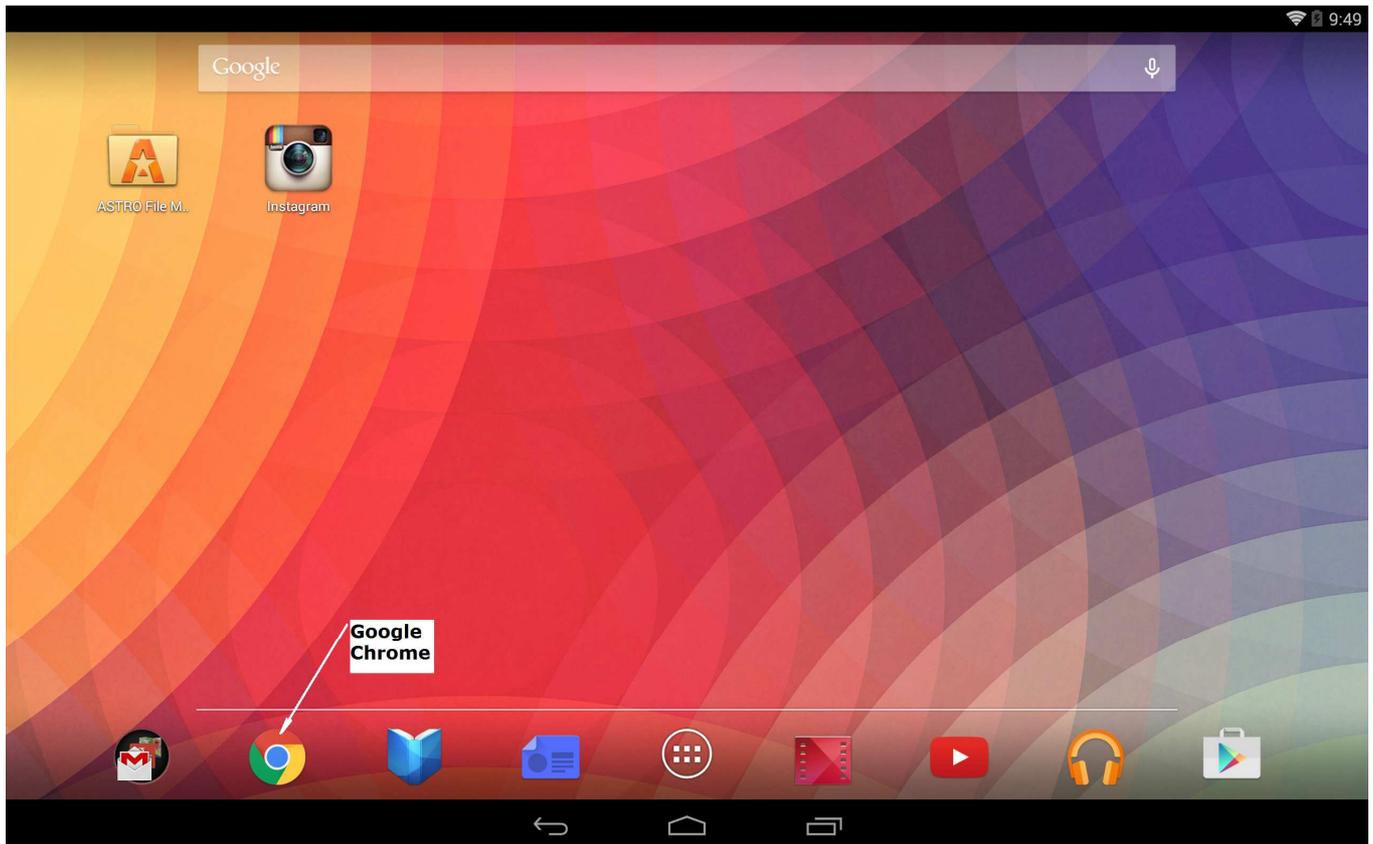


CloudView NMS. Android Tablet/Phone Web App as CloudView GUI Client. Step-by-step guide.

Date/Time	Map	Device/Service	Event
Tue Jun 25 21:36:49:	main:	MyCisco:	INFO: Interface added IP=128.1.1.12
Tue Jun 25 21:36:48:	main:	MyCisco:	NORMAL: SNMP communication is Up
Tue Jun 25 21:33:23:	main:	192.168.1.1:	NORMAL: TCP/IP Service Up [Telnet Terminal C
Tue Jun 25 21:33:22:	main:	192.168.1.14:	WARNING: TCP/IP Service Down [Ping: ICMP]
Tue Jun 25 21:32:57:	main:	192.168.1.14:	CRITICAL: TCP/IP communication is Down
Tue Jun 25 21:32:42:	main:	192.168.1.1:	NORMAL: TCP/IP Service Up [HTTP: WWW Server,
Tue Jun 25 21:32:41:	main:	192.168.1.1:	NORMAL: TCP/IP communication is Up
Tue Jun 25 21:32:32:	main:	192.168.1.1:	NORMAL: TCP/IP Service Up [Ping: ICMP]

www.cloudviewnms.com

1. Locate “Google Chrome” App icon and tap it to start Google Chrome web browser. Please remember to use exactly Google Chrome, not other web browser

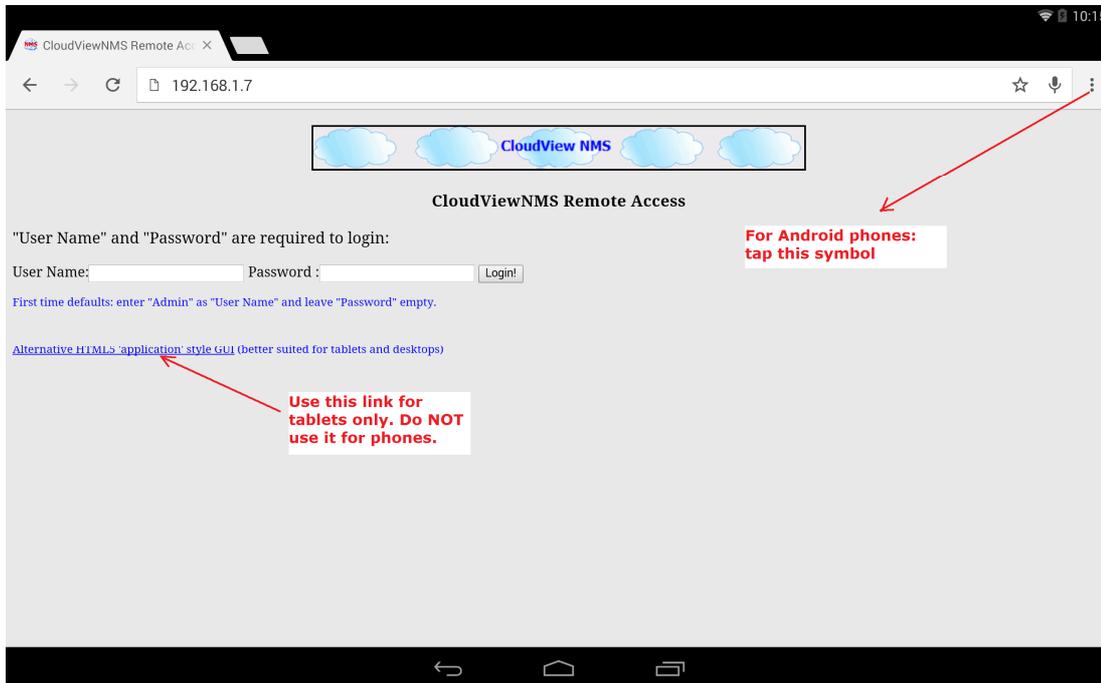


2. In the URL Address Bar, enter `http://<ipaddressofserver>` to connect to the CloudView NMS server. Depending on how you configured Web Server in the “Internet Options->Web Server Configuration” dialog from main menu on CloudView Local Server GUI, you may need to enter something like below:

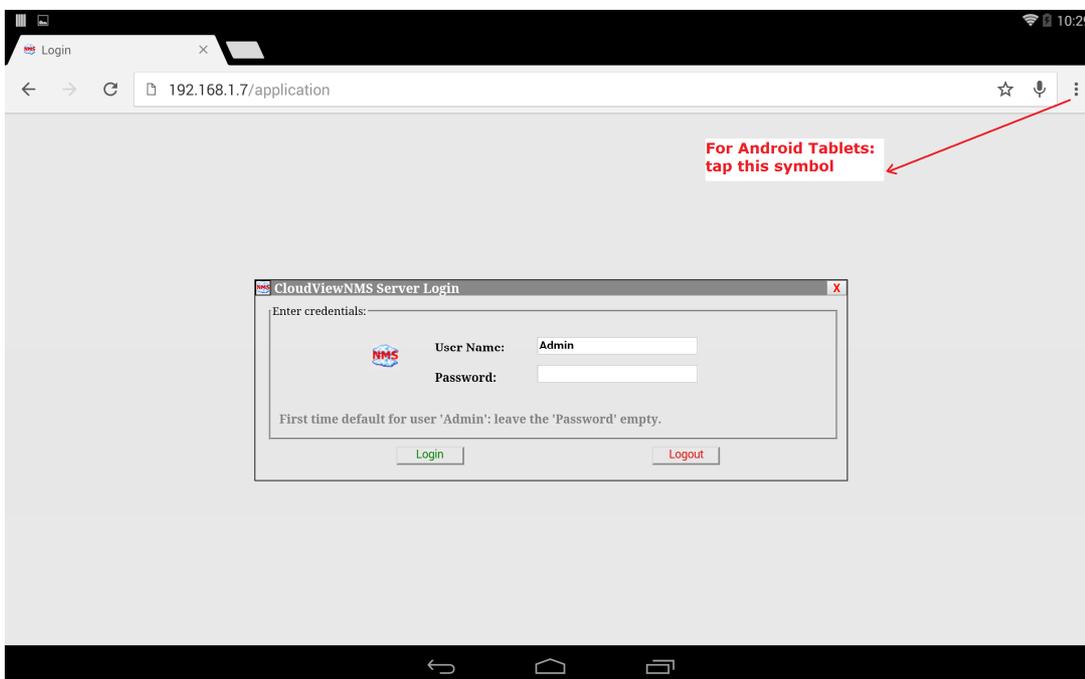
- 2.1. <http://192.168.1.7> - Web Server is running on 192.168.1 7, http, port 80, (default)
- 2.2. <http://192.168.1.7:8080> - Web Server is running on 192.168.1 7, http, port 8080,
- 2.3. <https://192.168.1.7> - Web Server is running on 192.168.1 7, https (secure), port 443,
- 2.4. <https://192.168.1.7:1234> - Web Server is running on 192.168.1 7, https (secure), port 1234

You can also use full qualified domain name like www.myserver.com instead of IP Address.

3. After you connected, you will see something like below.

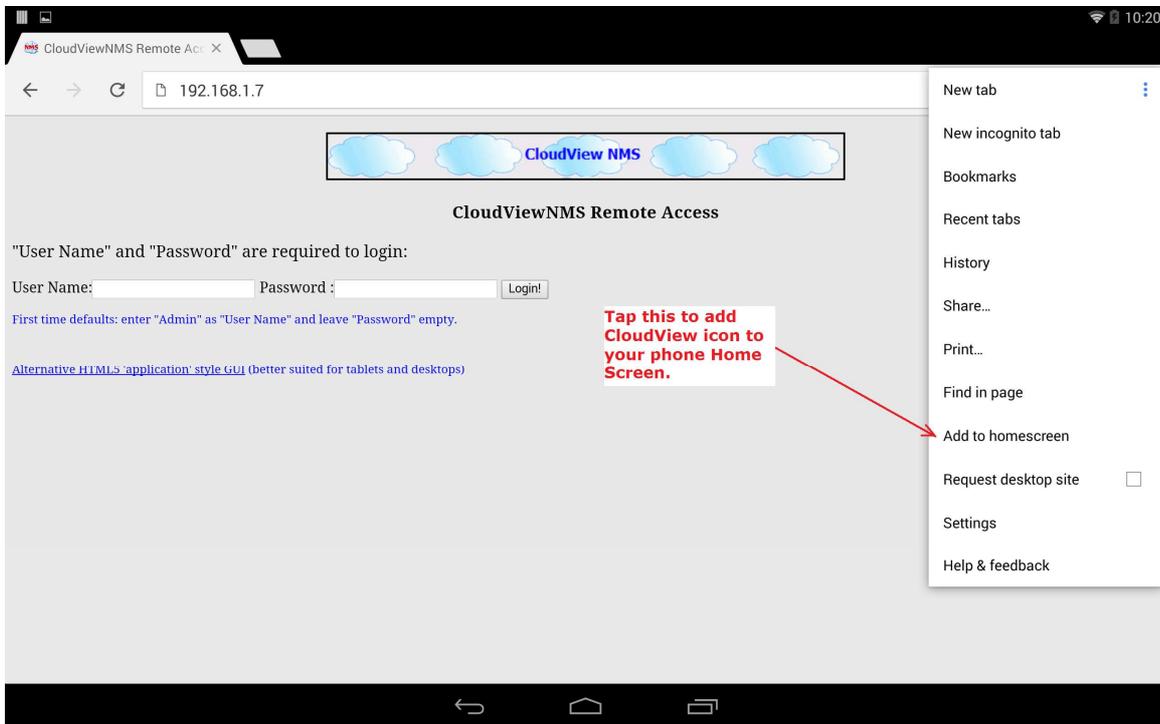


In the above screen: for **Android phones**, tap the symbol indicated in the screenshot to add CloudView Web App icon to your home screen. For **Android tablets**, tap the “Alternative HTML5 ‘application style’ GUI” hyperlink and you will see something like below.

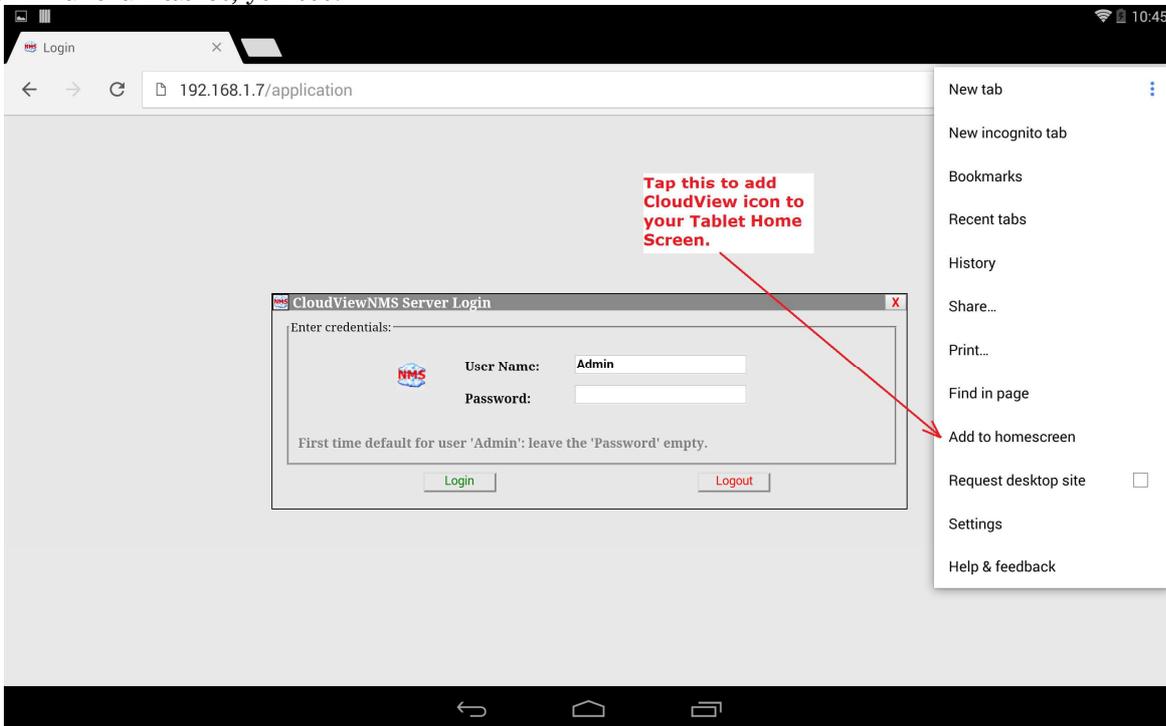


For **Android tablets**, tap the symbol indicated in the screenshot above to add CloudView Web App icon .

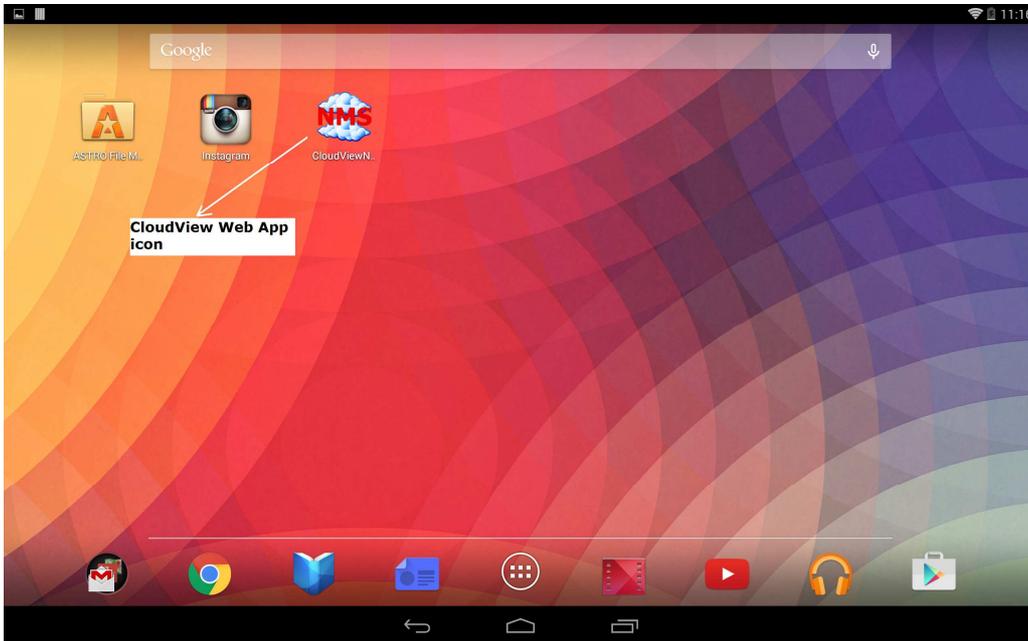
4. So, for **Android Phone**, you see:



For **Android Tablet**, you see:

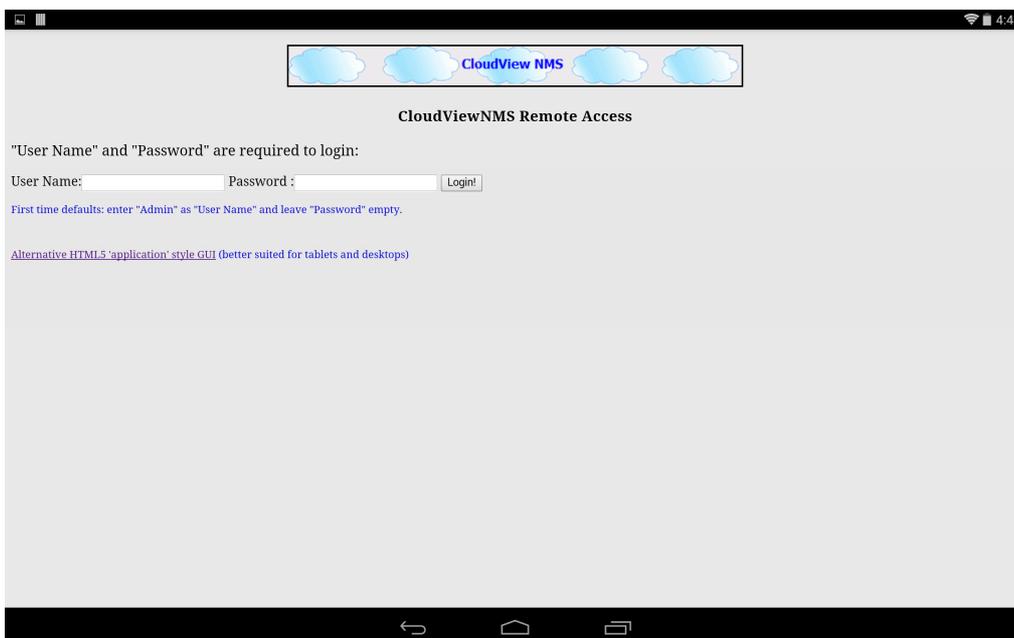


5. Tap “Add to Home Screen” symbol. You will be asked for confirmation and after confirming, CloudView NMS Web App icon is added to your tablet/phone home screen.

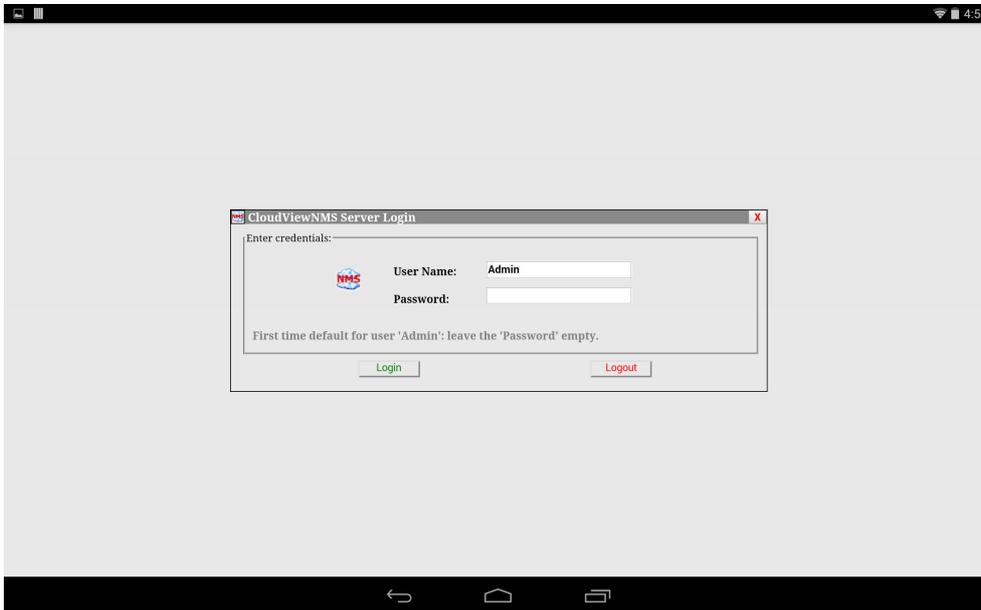


So you defined an entry point to the CloudView Client GUI and it looks like any other Android App icon.

6. To start the app tap the CloudView Web App icon.
For **Android phone**: you see, something like below: (notice there is no URL Address bar, which allows the whole screen for web app)



For Android Tablet:



7. Use your credentials to login. User account credentials are defined in local CloudView Server GUI via “Options->Add/Delete Users” main menu item. For **Android Phone**, you see:

CloudViewNMS Remote Access , User="Admin"

Refresh Logout Views... Device/Submap... Network... Config...

Devices List, Current Map="main" , Map Health/SLA=66.299204 %

Select	Device Name	Device Type	IP Address	Comm. Status	Events Status	Health/SLA %	Notepad
X	sub2	SUBMAP	N/A	N/A	Normal ▲	100.000000	*
X	myrouter	TCPIP	192.168.1.1	Good	Normal ▲	100.000000	*Generic TCPIP Device
X	BRN_B7E487	GENERIC	192.168.1.14	Good	Normal ▲	100.000000	*Brother NC-130h, Firmware Ver.0.09 ,MID 8CA-A17-001
X	aphone	AGENT	N/A	Bad	Critical ▲	0.000000	*aphone:192.168.1.6:45
X	corporate	SUBMAP	N/A	N/A	Critical ▲	59.944156	*
X	Kevin-PC	WINDOWS	192.168.1.6	Bad	Critical ▲	34.025057	*Hardware: x86 Family 16 Model 2 Stepping 3 AT/AT COMPATIBLE - Software: Windows Version 6.1 (Build 7601 Multiprocessor Free)
X	bigtab	AGENT	N/A	Good	Normal ▲	97.470961	*bigtab:192.168.1.2:41

Total Number of devices on this map: 7

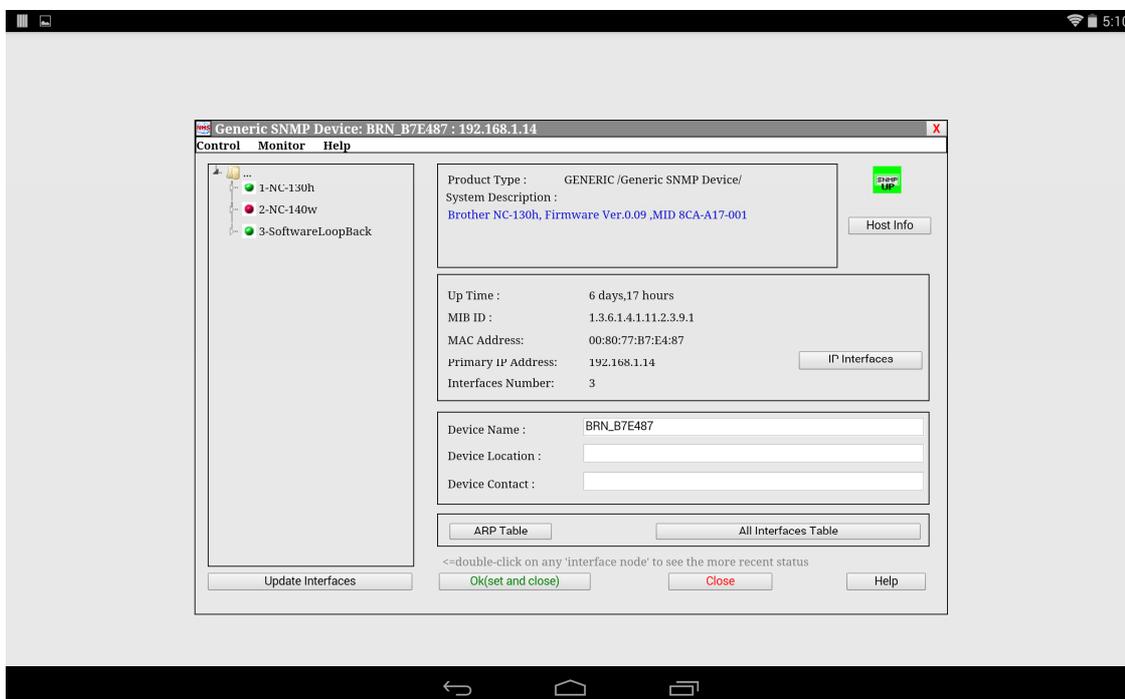
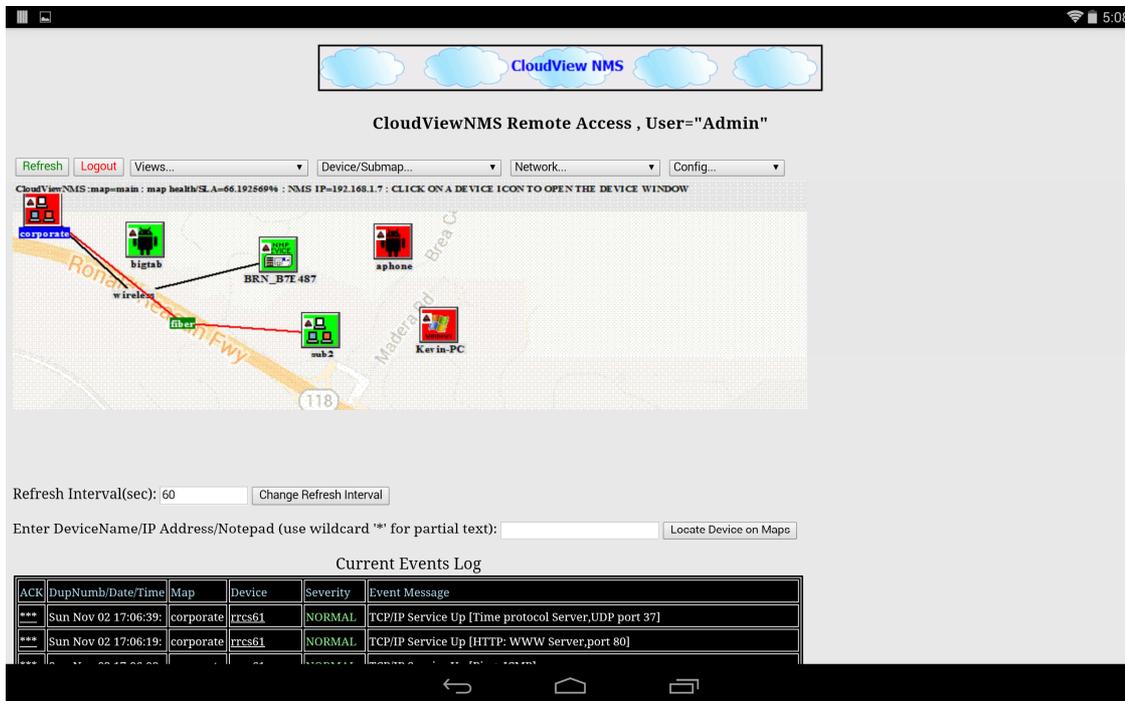
Refresh Interval(sec): 60 Change Refresh Interval

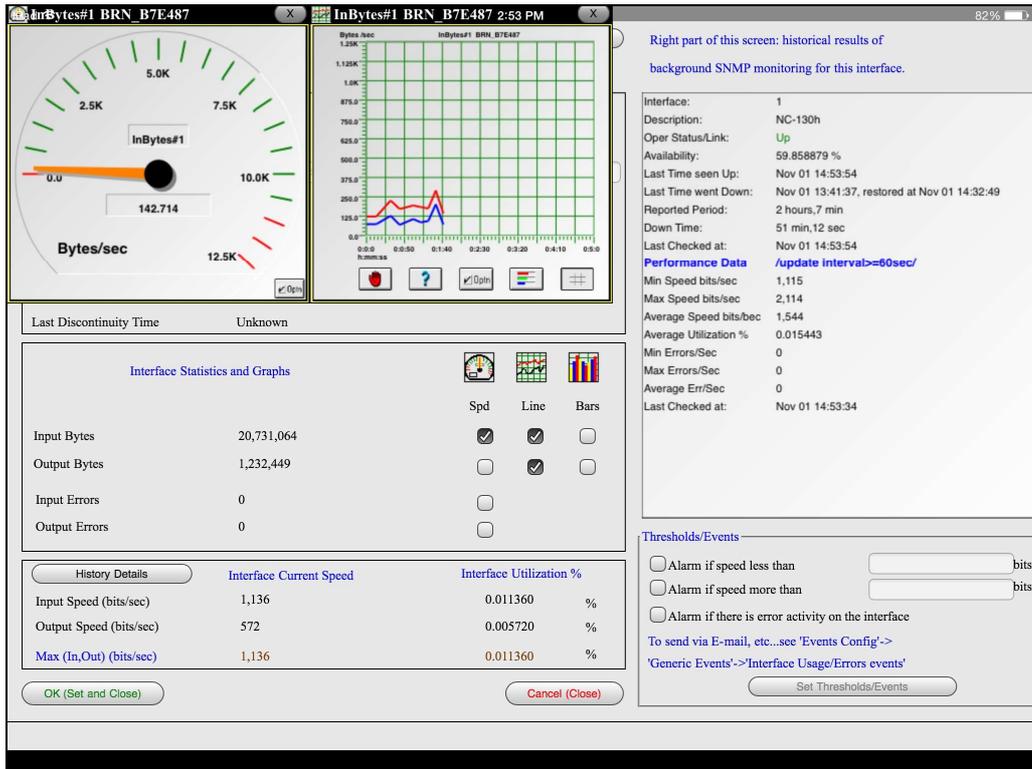
Enter DeviceName/IP Address/Notepad (use wildcard "*" for partial text): Locate Device on Maps

Current Events Log

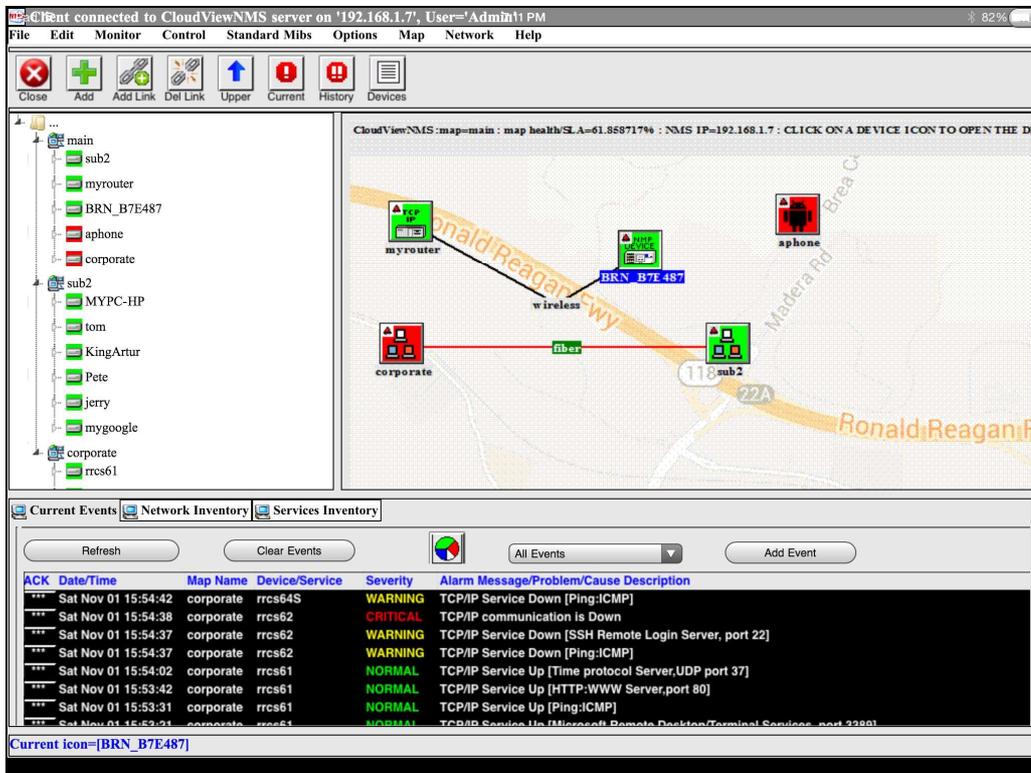
ACK	DupNumb/Date/Time	Map	Device	Severity	Event Message
***	Sun Nov 02 17:00:25	Not Apply	Server	INFO	*** Web Client session opened on 192.168.1.2 by Admin ***
***	Sun Nov 02 16:56:43	Not Apply	Server	INFO	*** Web Client session closed on 192.168.1.2 ***

Use the “menus” to navigate around. Tap a device icon to get inside the device. All the parts of the screen are highly interactive. Below some typical **Android phone** screenshots:





For Android Tablet the interface is more advanced. After you enter, you see GUI which looks more like CloudView server local GUI:



After you enter "inside" a device the screens look the same for all the GUIs, (i.e. Android phone, Android tablet and local Server GUI). For example, the screens allow you to watch real time and historical traffic for any SNMP capable device.

The screenshot displays a network monitoring interface for 'InBytes#1 BRN_B7E487'. It features a speedometer showing current traffic at 142,714 Bytes/sec, a line graph of historical traffic, and a detailed configuration panel on the right.

Interface Statistics and Graphs

Category	Value	Spd	Line	Bars
Input Bytes	20,731,064	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Output Bytes	1,232,449	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Input Errors	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Output Errors	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Interface Configuration Panel

Interface: 1
 Description: NC-130h
 Oper Status/Link: Up
 Availability: 59.858879 %
 Last Time seen Up: Nov 01 14:53:54
 Last Time went Down: Nov 01 13:41:37, restored at Nov 01 14:32:49
 Reported Period: 2 hours, 7 min
 Down Time: 51 min, 12 sec
 Last Checked at: Nov 01 14:53:54
 Performance Data: /update interval>=60sec/
 Min Speed bits/sec: 1,115
 Max Speed bits/sec: 2,114
 Average Speed bits/sec: 1,544
 Average Utilization %: 0.015443
 Min Errors/Sec: 0
 Max Errors/Sec: 0
 Average Err/Sec: 0
 Last Checked at: Nov 01 14:53:34

Thresholds/Events

Alarm if speed less than [] bits
 Alarm if speed more than [] bits
 Alarm if there is error activity on the interface

To send via E-mail, etc...see 'Events Config'->
 'Generic Events'->'Interface Usage/Errors events'

Buttons: OK (Set and Close), Cancel (Close), Set Thresholds/Events