

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



# www.cloudviewnms.com

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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. <u>https://192.168.1.7</u> Web Server is running on 192.168.1 7, https (secure), port 443,
- 2.4. <u>https://192.168.1.7</u>:1234 Web Server is running on 192.168.1 7, https (secure), port 1234

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

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

				🗢 🖬 10:15
CloudViewNMS F	Remote Acc ×			~ I ·
← → G	0 192.168.1.7			¥ .
		CloudView NMS		
	Cloud	dViewNMS Remote Access	K	
"User Name" and	d "Password" are required to login:		For Android phones: tap this symbol	
User Name:	Password :	Login!		
First time defaults: ent	er "Admin" as "User Name" and leave "Password" empty.			
Alternative HTML5 'ap	plication' style GUI (better suited for tablets and desktops)			
	Use this link for tablets only. Do NOT use it for phones.			
	$\leftarrow$			

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.

		📚 🖬 10:29
👼 Login	×	
$\leftarrow  \rightarrow  G$	192.168.1.7/application	☆ ♥ :
	For Android Table tap this symbol	ts:
	CloudViewNMS Server Login X.	
	User Name: Admin Password: First time default for user 'Admin': leave the 'Password' empty.	
	Login Logout	

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

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

<b>•</b>					1	<b>₹</b> 🛛 10:20
🥶 CloudViewNMS Rem	ote Acc ×					
$\leftrightarrow$ $\rightarrow$ C C	192.168.1.7				New tab	:
		Cloudy		$\sim$	New incognito tab	
		Cloudy			Bookmarks	
	C	loudViewNMS	S Remote Access		Recent tabs	
"User Name" and "F	assword" are required to login:				History	
User Name: First time defaults: enter "/	Password : 	Login!	Tap this to add		Share	
			CloudView icon to your phone Home		Print	
Alternative HTML5 applies	i <u>tion' style GUI</u> (better suited for tablets and desktops	)	Screen.		Find in page	
					🔺 Add to homescreen	
					Request desktop site	
					Settings	
					Help & feedback	

#### For Android Tablet, you see:

 D 192.168.1.7/application	New tab	
	New incognito tab	
Tap this to add	Bookmarks	
CloudView icon to your Tablet Home	Recent tabs	
Juleen.	History	
CloudViewNMS Server Login	Share	
User Name: Admin	Print	
Password:	Find in page	
First time default for user 'Admin': leave the 'Password' empty.	Add to homescreen	
Login	Request desktop site	[
	Settings	
	Help & feedback	

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)

			<b>? i</b> 4:47
		CloudView NMS	
		CloudViewNMS Remote Access	
"User Name" and "Pas	sword" are required to login:		
User Name:	Password :	Login!	
First time defaults: enter "Adm	in" as "User Name" and leave "Password" en	pty.	
Alternative HTML5 'application	n' style GUI (better suited for tablets and des	(tops)	

### For Android Tablet:

	4:54
ClouitViewNMS Server Login  Enter credentials:  User Name: Admin Password:  First time default for user 'Admin': leave the 'Password' empty.  Login Logout	

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:

■ 5:00									
CloudViewNMS Remote Access , User="Admin"									
Refres	h Logout	Views		Device/	/Submap	• N	letwork   Config		
				Devi	ces List, Cı	urrent 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	<u>Normal</u>	100.000000	*		
X	myrouter	TCPIP	192.168.1.1	Good	<u>Normal</u>	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	<u>aphone</u>	AGENT	N/A	Bad	Critical	0.000000	*aphone:192.168.1.6:45		
X	<u>corporate</u>	SUBMAP	N/A	N/A	Critical	<u>59.944156</u>	8		
x	<u>Kevin-PC</u>	WINDOWS	192.168.1.6	Bad	Critical 🔺	<u>34.025057</u>	*Hardware: x86 Family 16 Model 2 Stepping 3 AT/AT COMPATIBLE - Software: Windows Version 6.1 (Build 7601 Multiprocessor Free)		
X	<u>bigtab</u>	AGENT	N/A	Good	Normal 🔺	<u>97.470961</u>	*bigtab:192.168.1.2:41		
Total Refres Enter I	Number of h Interval(so DeviceName	devices c ec): 60 e/IP Addres	on this ma Chai s/Notepad (	p: 7 nge Refresh Inte (use wildcar	erval	tial text):	Locate Device on Maps		
				Cur	rrent Even	ts Log			
ACK D	upNumb/Date/	'Time Map	Device	Severity	Event Messa	ge			
*** S	*** Sun Nov 02 17:00:25: Not Apply Server INFO *** Web Client session o					nt session open	ed on 192.168.1.2 by Admin ***		
*** Sun Nov 02 16:56:43: Not Apply Server INFO *** Web				INFO	*** Web Clie	o 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:

	CloudViewNMS Remote Access , User="Admin"
Logout Views	
bigtab BRN_B7E 487	aphone di superiore di superior
wireles	
sub2	Kerin-PC
(118)	
Interval(sec): 60 Change Refresh Inter	val
vicename/IP Address/Notepad (use wildcard Curr	rent Events Log
Numb/Date/Time Map Device Severity	Event Message
Nov 02 17:06:19:         corporate         rrcs61         NORMAL	TCP/IP service up [HTP: WWW Server.port 80]
Control Monitor Help	BRN_B7E487 : 192.168.1.14 X Product Type : GENERIC /Generic SNMP Device/ System Description :
Control Monitor Help	BRN_B7E487 : 192.168.1.14     X       Product Type : GENERIC /Generic SNMP Device/ System Description : Brother NC-130h, Firmware Ver.0.09 ,MID 8CA-A17-001     Image: Host Info
Control Monitor Help	BRN_B7E487 : 192.165.1.14     X       Product Type : GENERIC /Generic SNMP Device/ System Description : Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001     Image: Host Info       k     Up Time : 6 days,17 hours
Generic SNMP Device: Control Monitor Help United States of the second se	BRN_B7E487 : 192.165.1.14         X           Product Type :         GENERIC /Generic SNMP Device/ System Description :           Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001         Host info           Up Time :         6 days,17 hours MIB ID :         1.3.6.1.4.1.11.2.3.9.1 MAC Address:
Control Monitor Help	BRN_B7E487 : 192.168.1.14         X           Product Type : GENERIC /Generic SNMP Device/ System Description : Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001         Image: Content of the system
Control Monitor Help	BRN_B7E487:192.168.1.14     X       Product Type : GENERIC /Generic SNMP Device/ System Description : Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001     Image: Comparison of the system of the
Generic SNMP Device: Control Monitor Help 	BRN_B7E487 : 192.168.1.14     X       Product Type : GENERIC /Generic SNMP Device/ System Description : Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001     Image: Constant of the system of the
Control Monitor Help	BRN_B7E487 : 192.168.1.14       X         Product Type : GENERIC /Generic SNMP Device/       System Description :         Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001       Host Info         Up Time : 6 days,17 hours       Host Info         MIB ID : 1.36.1.4.1.11.2.3.9.1       MAC Address: 00:08:077:B7:E4:87         Primary IP Address: 192.168.1.14       IP Interfaces         Interfaces Number: 3       3         Device Name : BRN_B7E487       Device Location :         Device Contact :       All Interfaces Table
Control Monitor Help	BRN_B7E487 : 192.168.1.14       X         Product Type : GENERIC/Generic SNMP Device/ System Description : Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001       Image: Generic SNMP Device/ Host Info         k       Up Time : 6 days,17 hours MIB ID : 1.3.6.1.4.1.112.3.9.1 MAC Address: 00:80:77:B7:E4:87 Primary IP Address: 192.168.1.14 Interfaces Number: 3       IP Interfaces Interfaces         Device Name : BRN_B7E487 Device Location : Device Contact :       BRN_B7E487 Device Contact :         ARP Table       All Interfaces Table         Contact context in the face on any interface node to see the more treenet status       Value
Control Monitor Help	BRN_B7E487:192.168.1.14       X         Product Type:       GENERIC /Generic SNMP Device/         System Description:       Brother NC-130h, Firmware Ver.0.09_MID 8CA-A17-001         Host Info       Host Info         Up Time:       6 days,17 hours         MIB ID:       1.3.6.1.4.1.11.2.3.9.1         MAC Address:       00:80:77:B7:E487         Primary IP Address:       192.168.1.14         Interfaces Number:       3         Device Name:       BRN_B7E487         Device Location:       Device Contact:         ARP Table       All Interfaces Table          Ok(set and close)       Close         Help       Help
Control Monitor Help	BRN_B7E487 : 192.168.1.14       X         Product Type : GENERIC /Generic SNMP Device/       Image: Generic SNMP Device/         System Description :       Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001         Host Info       Host Info         Up Time :       6 days,17 hours         MIB ID :       1.3.6.1.4.1.11.2.3.9.1         MAC Address:       00:00:77:B7:E4:87         Primary IP Address:       19.2.168.1.14         Interfaces Number:       3         Device Name :       BRN_B7E487         Device Location :       Device Contact :         ARP Table       All Interfaces Table <double-click 'interface="" any="" more="" node'="" on="" recent="" see="" status<="" td="" the="" to="">       OK(set and close)</double-click>
Control Monitor Help	BRN_B7E487 : 192.168.1.14     Product Type:   GENERIC /Generic SNMP Device/   System Description:   Brother NC-130h, Firmware Ver.0.09, MID 8CA-A17-001   Host Info   Up Time:   G days,17 hours   MIB ID:   1.3.6.1.4.1.11.2.3.9.1   MAC Address:   00:80:77:B7:E4:87   Primary IP Address:   192.168.1.14   Interfaces Number:   3   Device Location :   Device Contact :   Ok(set and close)   Close   Help

Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Right part of this screen: historical results of background SNMP monitoring for this interface.         Net constanting the screen thistorical results of this screen: historical results of this screen: historical results of thistorical results	Mathematical Information Informatio Information Information Information Information Inform	( x )	InBytes#1 BRN B7E487 2	2:53 PM	X		82%
Last Discontinuity Time       Unknown         Interface Statistics and Graphs       Image Speed bits/bec 1.544         Input Bytes       20,731,064         Output Bytes       1,232,449         Input Errors       0         Input Errors       0         Input Speed (bits/sec)       1,136         Output Speed (bits/sec)       572         Output Speed (bits/sec)       572         Max (In,Out) (bits/sec)       1,136         OK (Set and Close)       Cancel (Close)	2.5K 2.5K InBytes#1 0.0 142.714 Bytes/sec	7.5K 10.0K 12.5K	Bres Ave LAS 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.5	0.3.20 0.4		Right part of this scree background SNMP me Interface: Description: Oper Status/Link: Availability: Last Time seen Up: Last Time went Down: Reported Period: Down Time: Last Checked at: Performance Data Min Speed bit/sizec Max Speed bit/sizec	en: historical results of onitoring for this interface. 1 NC-130h Up 59.85879 % Nov 01 14:53:54 Nov 01 14:43:7, restored at Nov 01 14:32:49 2 hours,7 min 51 min,72 sec Nov 01 14:53:54 /update interval>=80sec/ 1,115 2,114
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Output Bytes       1,232,449         Input Errors       0         Output Errors       0         Input Errors       0         Input Speed (bits/sec)       1,136         Output Speed (bits/sec)       572         Output Speed (bits/sec)       572         Max (In,Out) (bits/sec)       1,136         OK (Set and Close)       Cancel (Close)	Input Bytes	20,731,064			0		
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History Details       Interface Current Speed       Interface Utilization %         Input Speed (bits/sec)       1,136       0.011360       %         Output Speed (bits/sec)       572       0.005720       %         Max (In,Out) (bits/sec)       1,136       0.011360       %         OK (Set and Close)       Cancel (Close)       Set Thresholds/Events	Output Errors	0	0			Thresholds/Events	
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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.

💽 dint ytes#1 BRN_B7E487	X	InBytes#1 BRN_B7E487 2:53 PM	ļ
2.5K InBytes#1 0.0 142.714 Bytes/sec	7.5K 10.0K 12.5K	Bytes her       INBYLEST I BINL BTEAT         1.285       Image: Status of this screen: historical results of background SNMP monitoring for this interface.         1.285       Image: Status of this screen: historical results of background SNMP monitoring for this interface.         1.285       Image: Status of this screen: historical results of background SNMP monitoring for this interface.         1.285       Image: Status of this screen: historical results of background SNMP monitoring for this interface.         1.285       Image: Status of this screen: historical results of background SNMP monitoring for this interface.         1.285       Image: Status of this screen: historical results of background SNMP monitoring for this interface.         Image: Status of this screen: historical results of this screen: historical results of background SNMP monitoring for this interface.         Image: Status of this screen: historical results of thistorical results of this screen: historical results	
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Interface Sta	tistics and Graphs	Min Errors/Sec       0         Max Errors/Sec       0         Max Errors/Sec       0         Average Err/Sec       0         Line Bars       Last Checked at:       Nov 01 14:53:34	
Input Bytes	20,731,064		
Output Bytes	1,232,449		
Input Errors	0		
Output Errors	0	C Thresholds/Events	
History Details	Interface Current	t Speed Interface Utilization %	bits
Input Speed (bits/sec)	1,136	0.011360 % UAlarm if speed more than	bits
Output Speed (bits/sec)	572	0.005720 %	
Max (In,Out) (bits/sec)	1,136	0.011360     %         To send via E-mail, etcsee 'Events Config'->       'Generic Events'->'Interface Usage/Errors events'	
OK (Set and Close)		Cancel (Close) Set Thresholds/Events	