

Récupérer l'@IP de l'ESP32 via Node-red

Il faut noter l'adresse MAC de l'ESP32

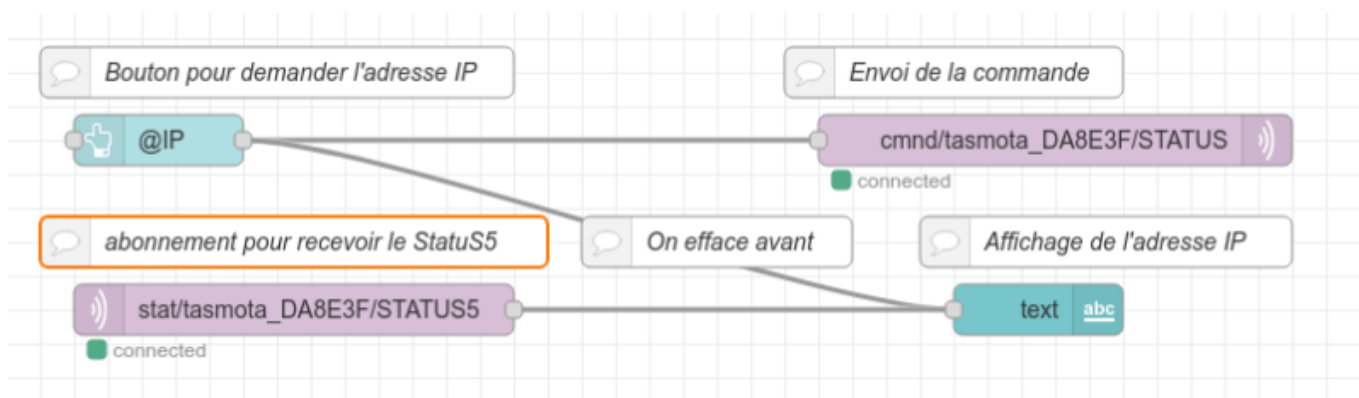
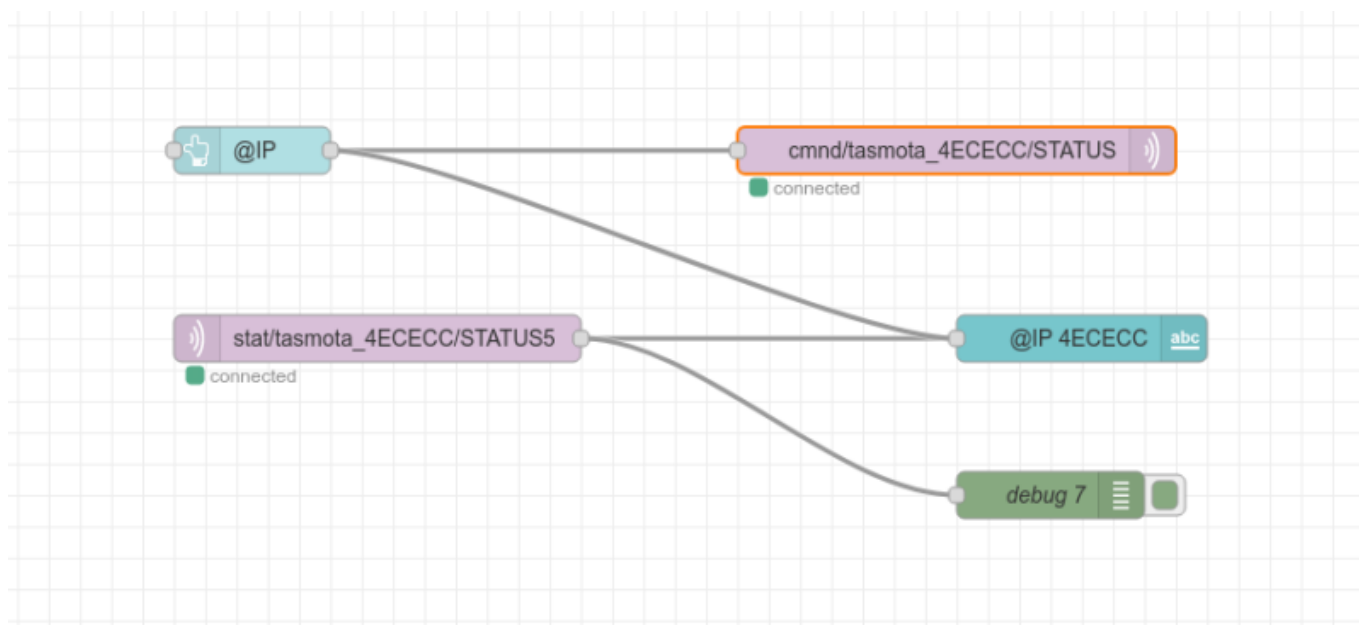
Lors de l'installation de Tasmota sur votre esp32 , il faut noter l'adresse MAC de votre ESP32 via le menu "Information" de Tasmota.

Les 6 derniers caractères de la "MAC Adress" de l'ESP32

Exemple : Hostname tasmota-**4ECECC**-3788

ESP32-DevKit	
Tasmota	
Program Version	13.2.0(tasmota32)
Build Date & Time	2023-10-19T09:05:13
Core/SDK Version	2_0_14/4.4.6.231011
Uptime	0T02:41:59
Flash Write Count	22
Boot Count	7
Restart Reason	Vbat power on reset
AP2 Information	SSID Livebox-7D70
	RSSI 100%, -48 dBm
	Mode 11n
	Channel 11
	BSSID 08:87:C6:CB:7D:70
Hostname	tasmota-4ECECC-3788
IPv6 Global (WiFi)	2a01:cb00:8bd1:7500:feb4:67ff:fe4e:cecc
IPv6 Local (WiFi)	fe80::feb4:67ff:fe4e:cecc
MAC Address	FC:B4:67:4E:CE:CC
IP Address (WiFi)	192.168.1.103
Gateway	192.168.1.1
Subnet Mask	255.255.255.0
DNS Server1	192.168.1.1
DNS Server2	0.0.0.0

Utiliser Node-Red pour afficher l'@IP



dans le Dashboard cela peut donner ceci

En appuyant sur le bouton @IP :



Ajouter les Noeuds suivant (En les adaptant à votre configuration)



Avoir configuré **completement** tasmota : installation du firmware tasmota et SetOption1 1, les connexions Wifi, l' @IP du serveur MQTT, et la configuration des sorties de l'ESP 32

En reliant le noeud "Bouton" (@IP) au noeud "Texte", cela permet de remettre à zéro à chaque clic du bouton @IP

En insérant " *fa-spinner fa-pulse fa-3x fa-fw*" dans le nom de l'icone @IP, on a la petite animation sur le bouton @IP dans le dashboard

Lors de l'appui, dans le dashboard, sur @IP, nous envoyons la commande

"cmd/tasmota_4ECECC/STATUS" 0 à notre Tasmota via le serveur MQTT, cette commande demande à Tasmota toutes ses informations (que l'on peut lire dans la page "Information", voir au debut) ,qu'il renvoie au serveur MQTT.



Nous pourrions envoyer la commande "Status5" qui nous permettrait d'avoir uniquement la ligne indiquant l'adresse IP

Le noeud "MQTT-In" recupere du serveur MQTT via la commande

"stat/tasmota_4ECECC/STATUS5" l'@IP de notre tasmota que l'on affiche via le noeud "Texte" de notre Dashboard via "Value Format" **{{msg.payload.StatusNET.IPAddress}}**

-1- un bouton (noeud du dashboard)



Edit button node

Delete

Cancel

Done

Properties

Group

[ESP32 4ECECC] ESP32

Size

auto

Icon

fa-spinner fa-pulse fa-3x fa-fw

Label

@IP

Tooltip

optional tooltip

Color

optional text/icon color

Background

optional background color

When clicked, send:

Payload

0

Topic

msg. topic

If msg arrives on input, emulate a button click:

Class

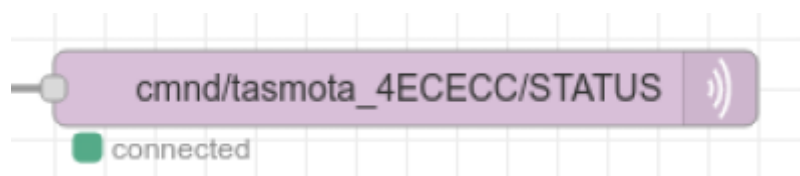
Optional CSS class name(s) for widget

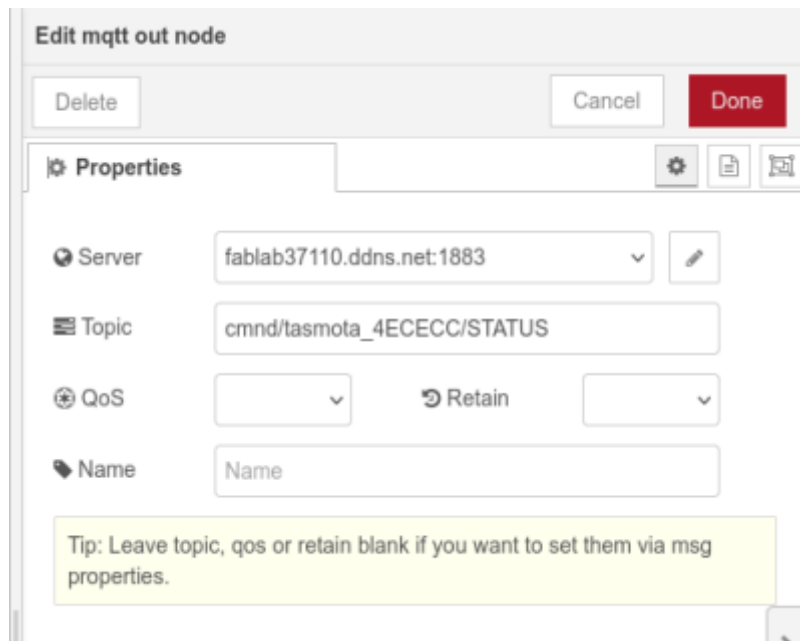
Name

Name

Enabled

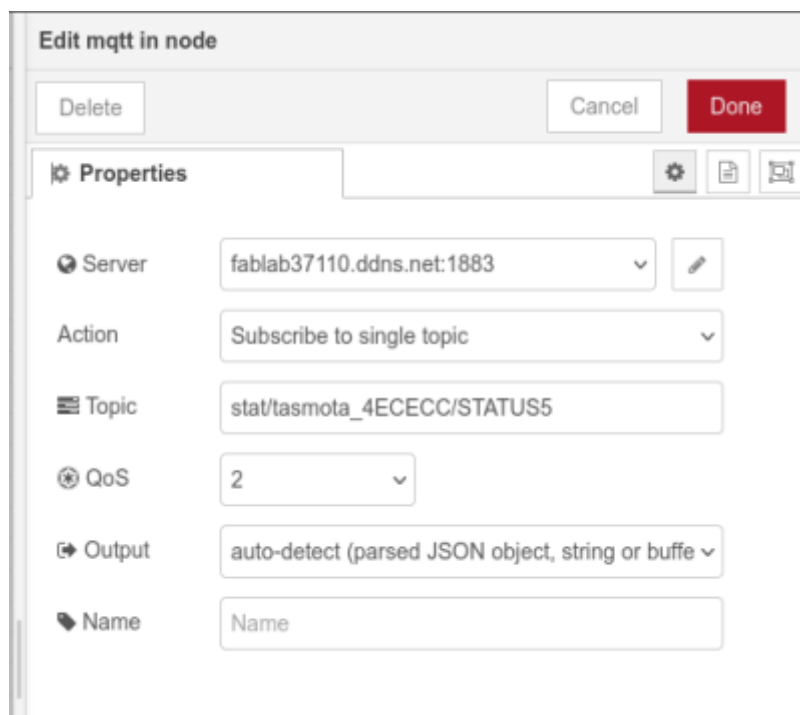
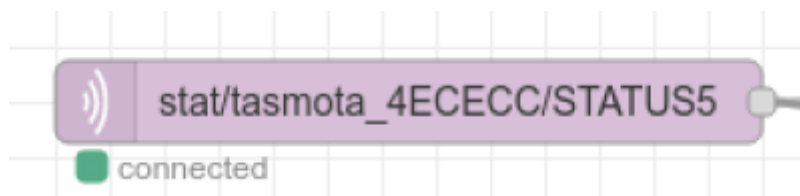
-2- un noeud "MQTT-Out" (Network)





The screenshot shows the 'Edit mqtt out node' configuration window. At the top, there are buttons for 'Delete', 'Cancel', and 'Done'. Below is a 'Properties' section with a gear icon and three document icons. The configuration fields are: 'Server' (fablab37110.ddns.net:1883), 'Topic' (cmdnd/tasmota_4ECECC/STATUS), 'QoS' (dropdown), 'Retain' (checkbox), and 'Name' (Name). A yellow tip box at the bottom states: 'Tip: Leave topic, qos or retain blank if you want to set them via msg properties.'

-3- un noeud "MQTT-In" (Network)



The screenshot shows the 'Edit mqtt in node' configuration window. At the top, there are buttons for 'Delete', 'Cancel', and 'Done'. Below is a 'Properties' section with a gear icon and three document icons. The configuration fields are: 'Server' (fablab37110.ddns.net:1883), 'Action' (Subscribe to single topic), 'Topic' (stat/tasmota_4ECECC/STATUS5), 'QoS' (2), 'Output' (auto-detect (parsed JSON object, string or buffer)), and 'Name' (Name).

-4- un noeud "Texte" (Dashboard)



Edit text node

Delete Cancel Done

Properties

Group [ESP32 4ECECC] ESP32

Size auto

Label @IP 4ECECC

Value format {{msg.payload.StatusNET.IPAddress}}

Layout

label value label value label value

label value label value

Class Optional CSS class name(s) for widget

Name

-5- un noeud "Debug" (Common)



Edit debug node

Delete

Cancel

Done

⚙ Properties

Output

▼ msg. payload

🔗 To

☒ debug window

☐ system console

☐ node status (32 characters)

🏷 Name

debug 7

From:
<https://www.fablab37110.chanterie37.fr/> - **Castel'Lab le Fablab MJC de Château-Renault**

Permanent link:
<https://www.fablab37110.chanterie37.fr/doku.php?id=start:esp32:tasmota:recupip&rev=1702379938>

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A square QR code located in the bottom right corner of the page, next to the permanent link text.

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