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Descarcam softul corespunzator sistemului de operare folosit.

Acest tutorial se refera la configurarea GNS3 instalat pe Windows (*GNS3-2.2.29-all-in-one-regular.exe*) insa pe versiunile de MacOS / Linux se procedeaza in mod similar.

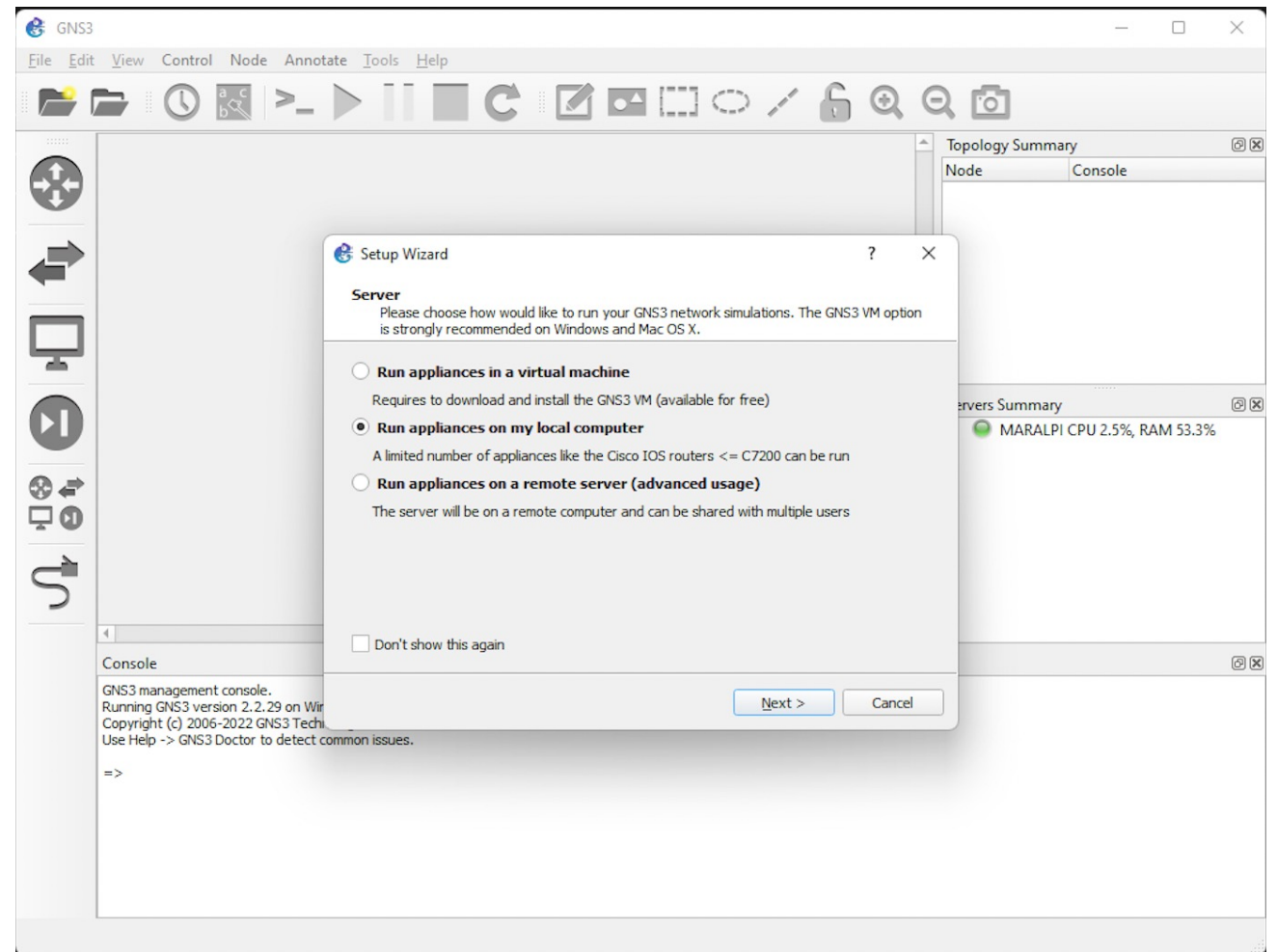
Download GNS3

Select the installer for your favourite OS

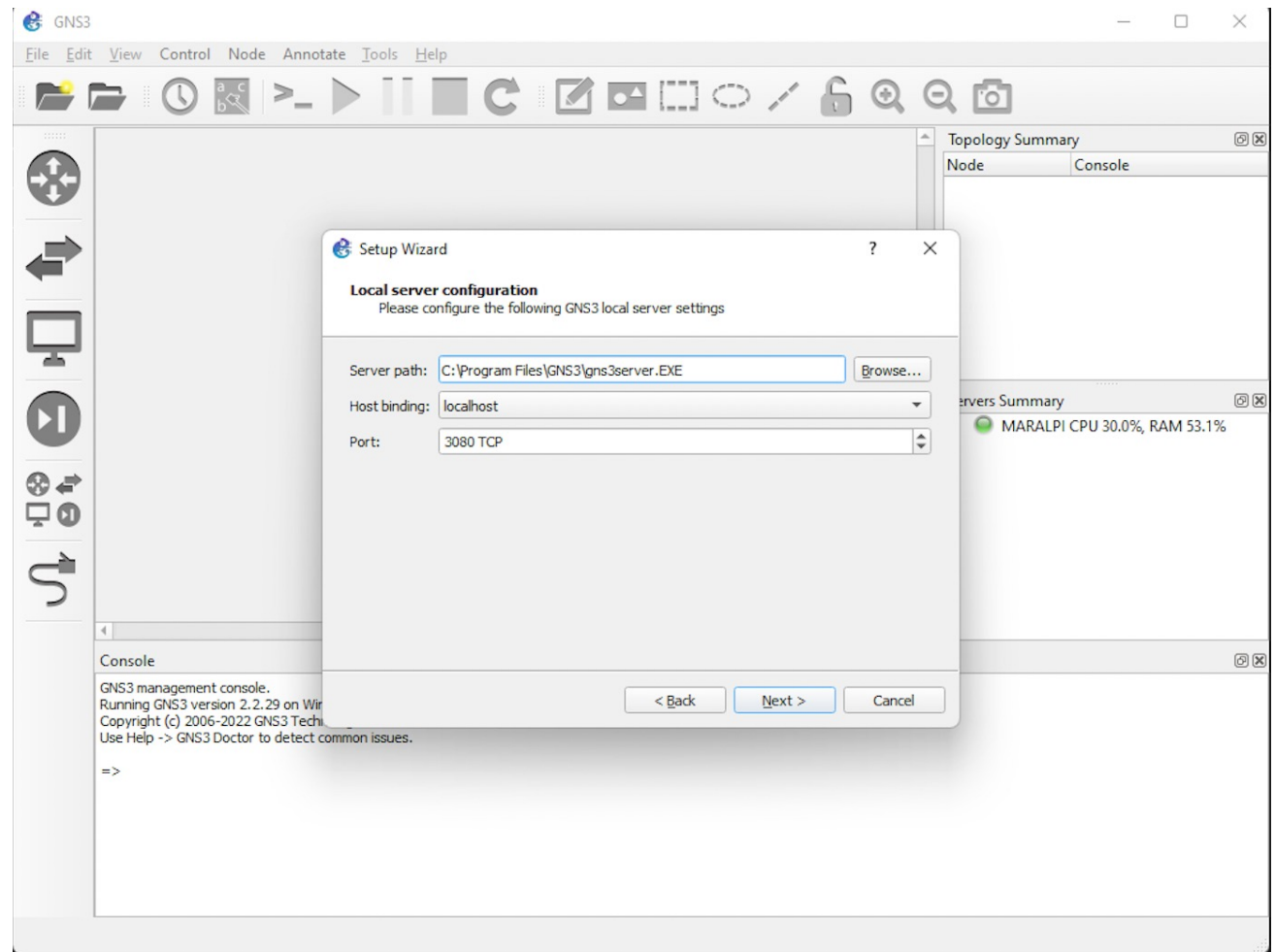
	Windows Version 2.2.29	Install Guide	Download
	Mac Version 2.2.29	Install Guide	Download
	Linux Version 2.2.29	Install Guide	Download

For optimal performance, make sure to also [download the GNS3 VM](#)
GNS3 is a Free and Open Source software under GPL v3 licensing

In timpul instalarii, ne asiguram ca vom rula GNS3 direct de pe masina locala.



Serverul GNS3 va rula pe localhost:3080 TCP.

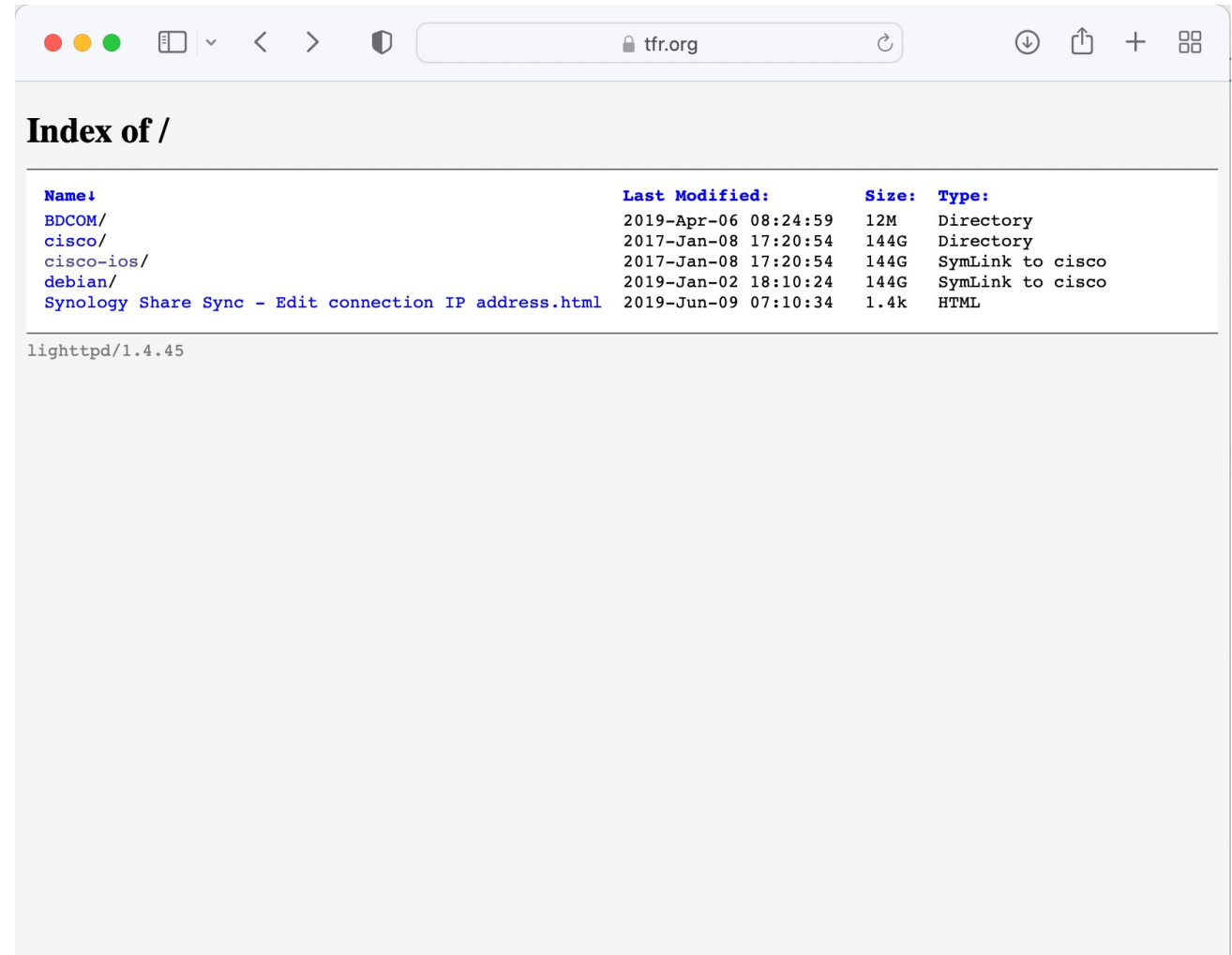


Se descarca imaginile IOS si se copiaza in directorul unde a fost instalat GNS3:
(C:\Program Files\GNS3\images\IOS)

3725: <https://tfr.org/cisco-ios/37xx/3725/c3725-adventerprisek9-mz.124-25d.bin>

7200: <https://tfr.org/cisco-ios/7200/c7200-adventerprisek9-mz.124-24.T5.bin>

GNS3 va dezarhiva IOS-urile si va crea fisiere corespunzatoare cu extensia *.image*.



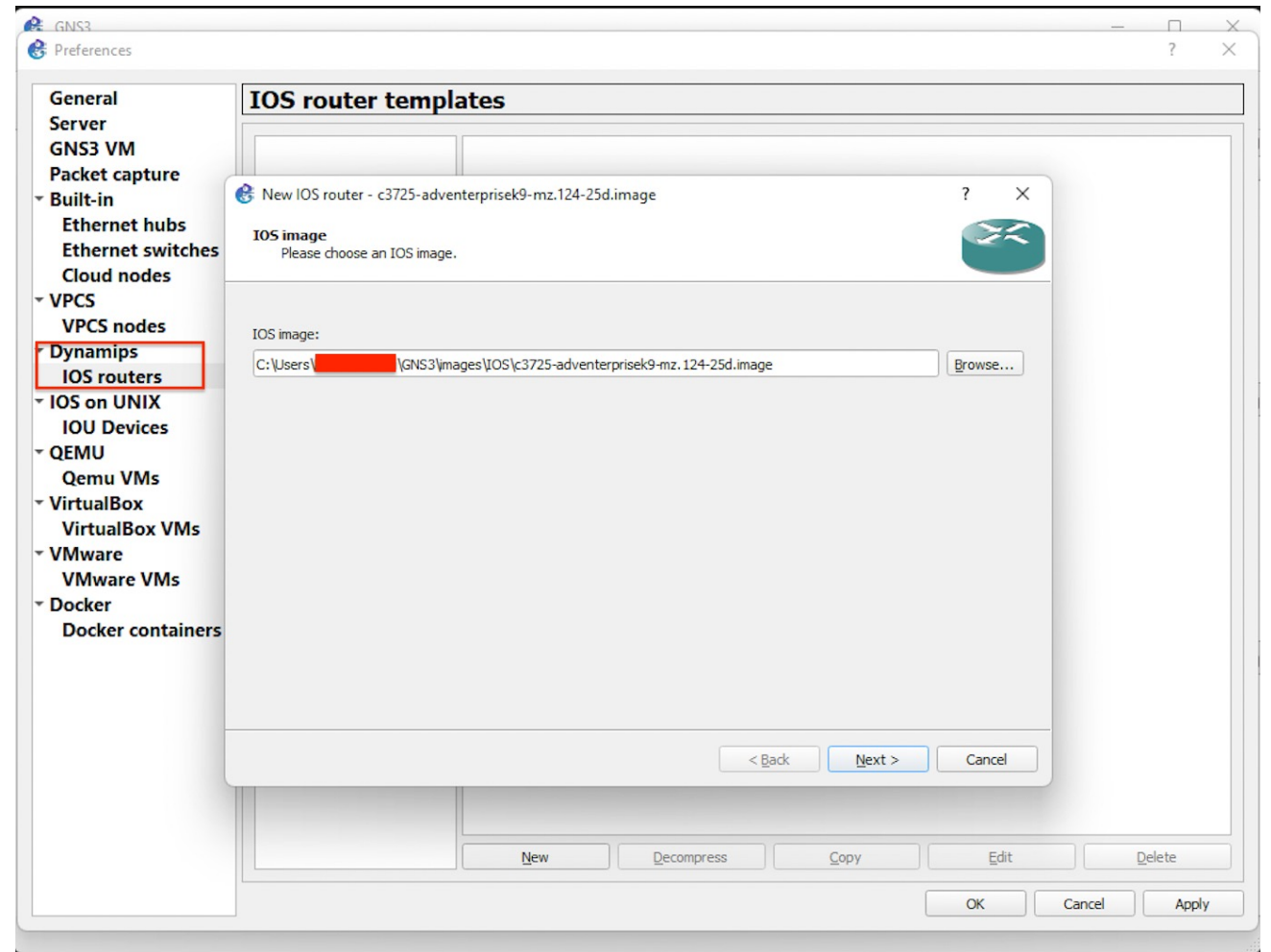
Se adauga template-urile de IOS routers:

SW-3725: este un switch L3 cu 16 porturi bazat pe imaginea Cisco 3725.

R-3725: este un router cu doua porturi bazat pe aceeasi imagine Cisco 3725.

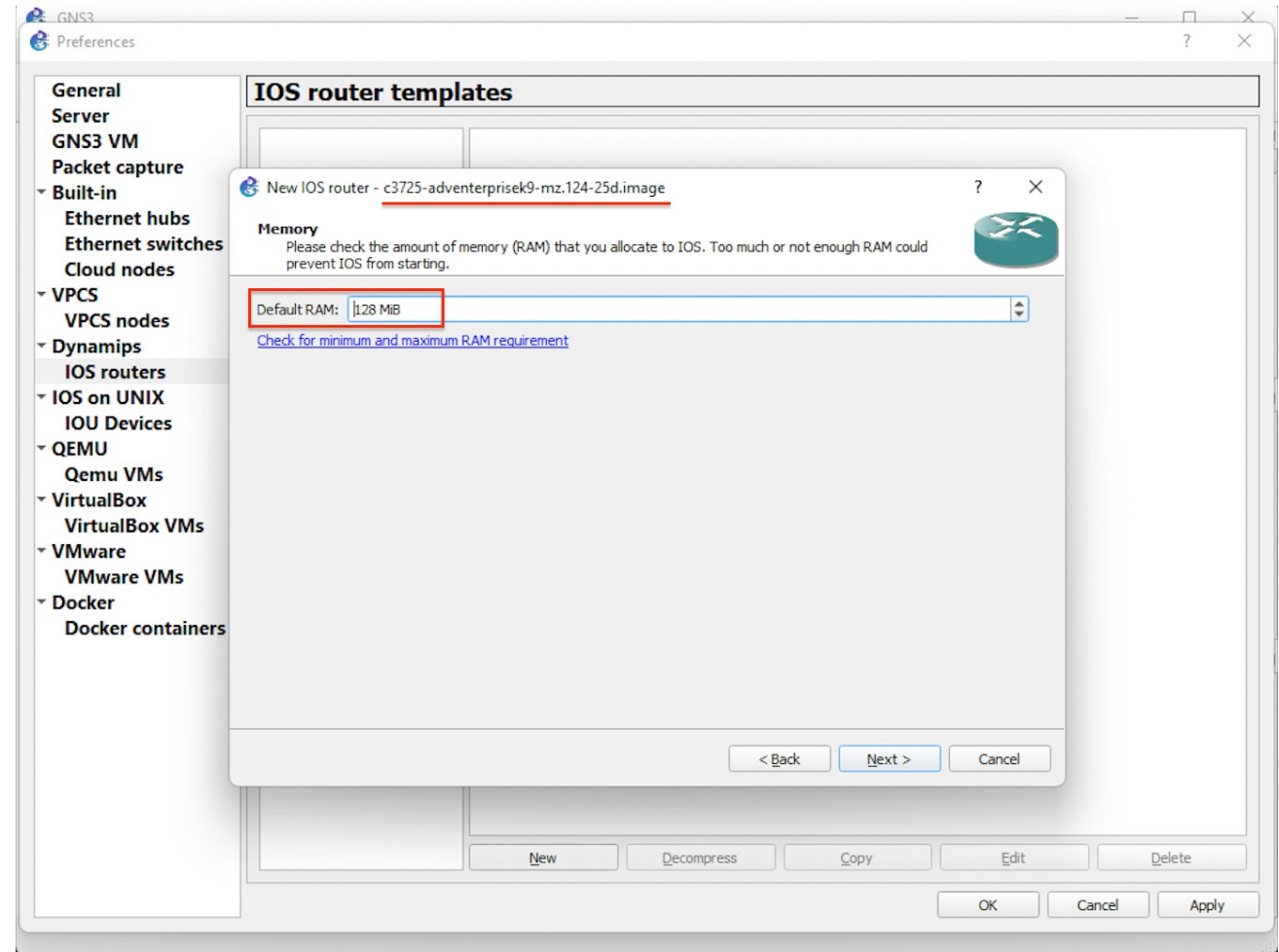
R-7200: este un router cu patru porturi bazat pe imaginea Cisco 7200.

Incepem cu **SW-3725**.

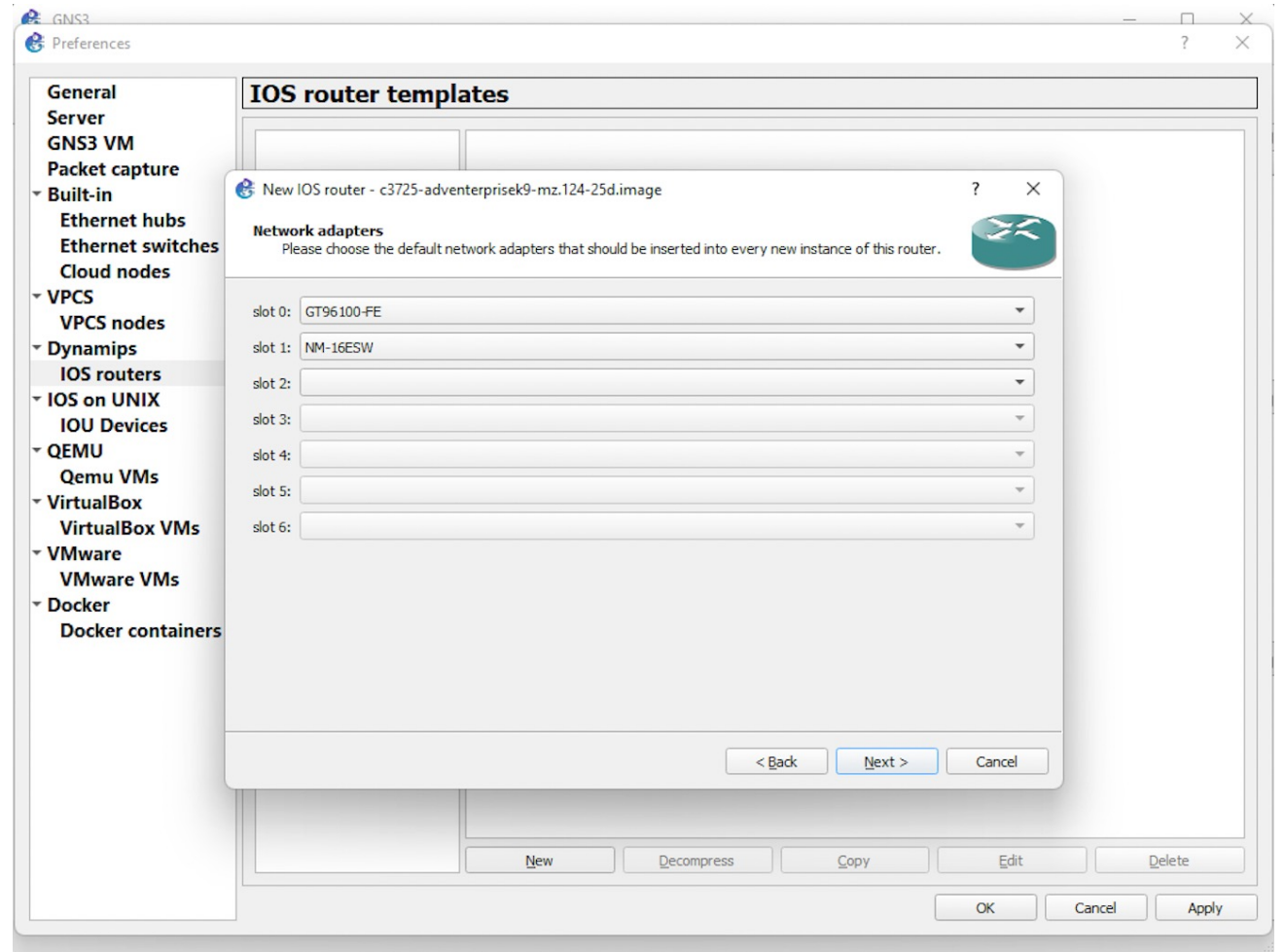


Pentru template-ul **SW-3725**, cand dam numele template-ului vom bifa **This is an EtherSwitch router**.

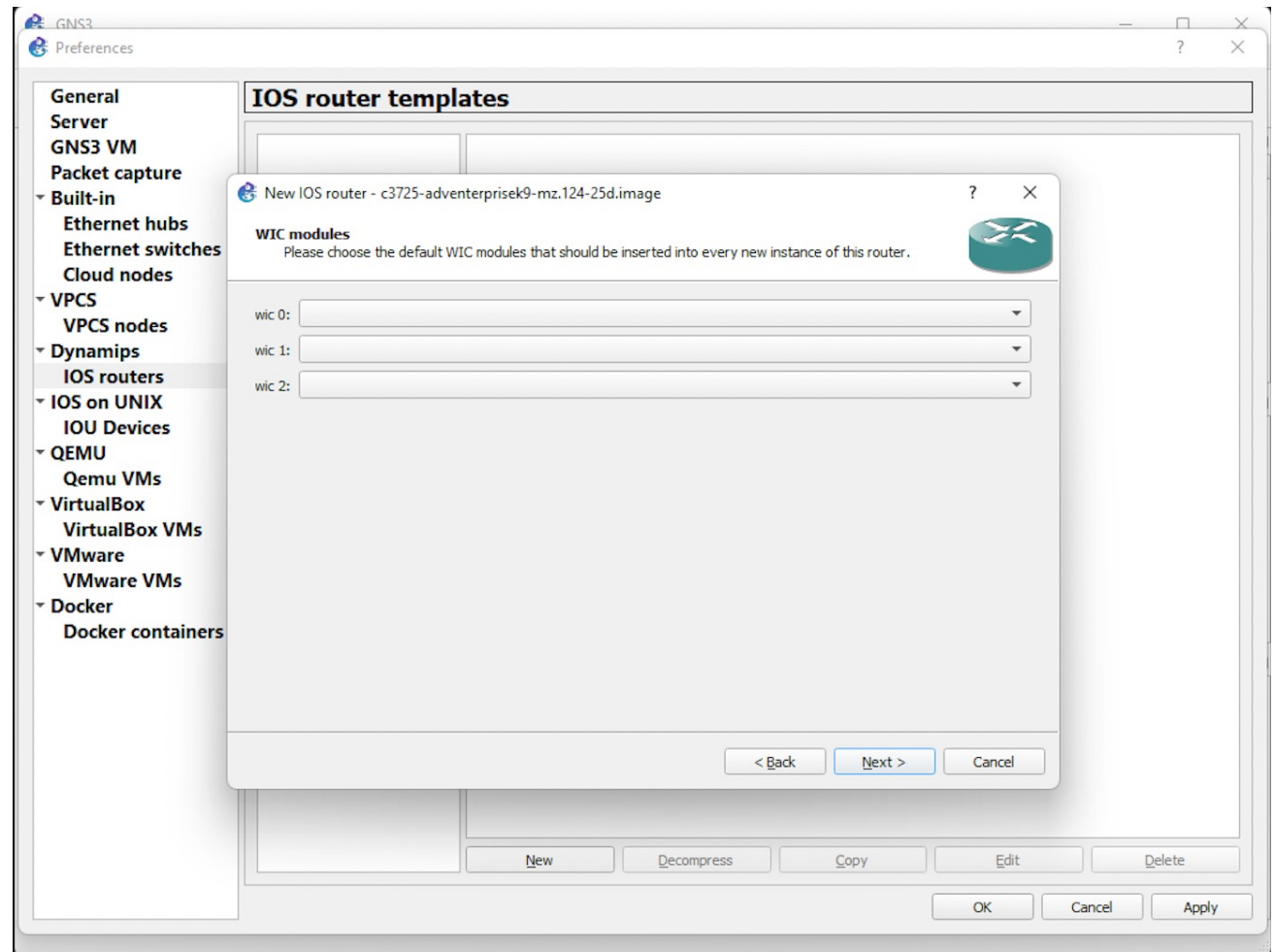
De asemenea, vom folosi 128MB RAM si vom pastra valoarea Idle-PC recomandata.



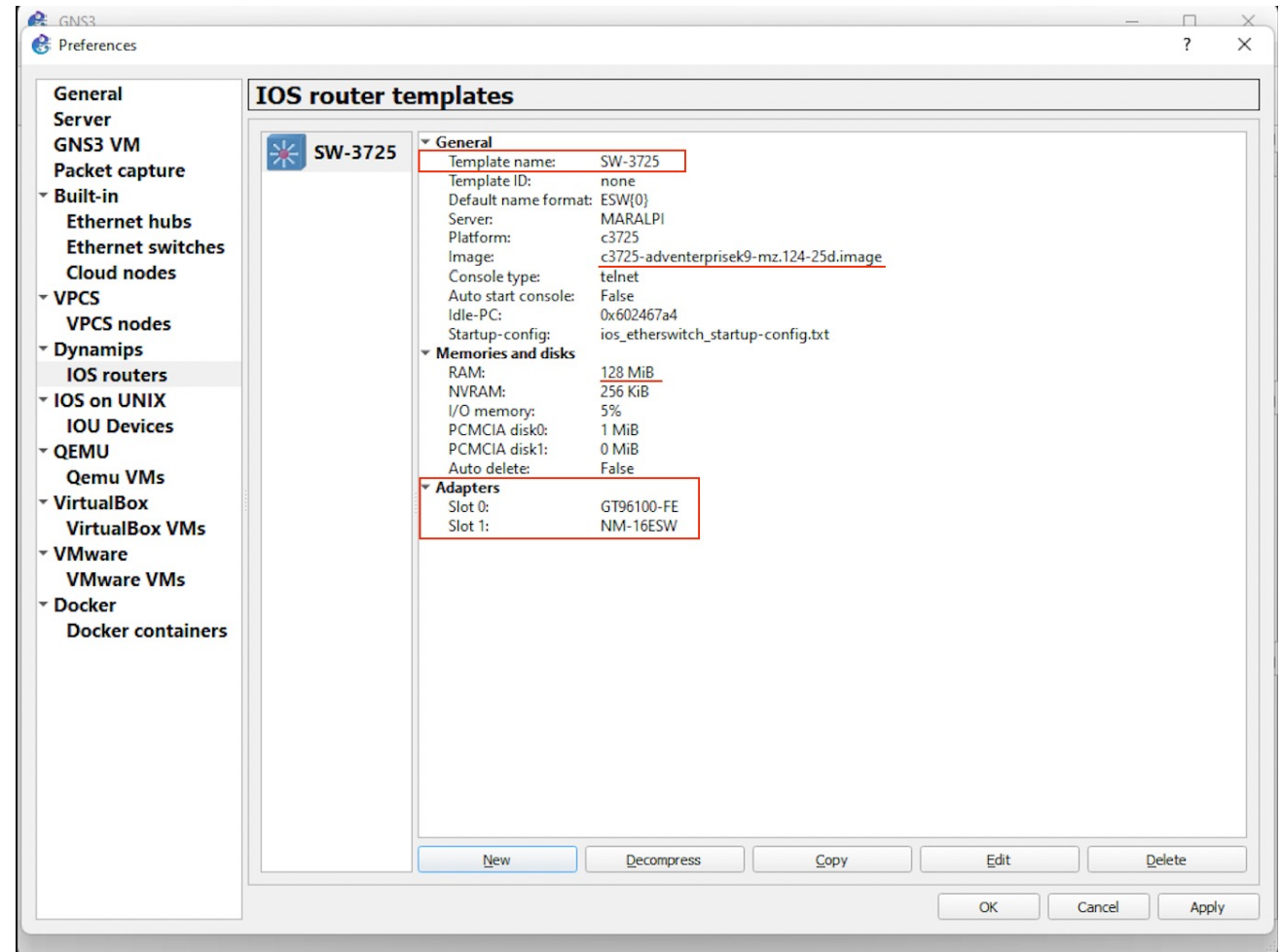
Pentru template-ul **SW-3725**, vom adauga in slotul 1 modulul NM-16ESW.



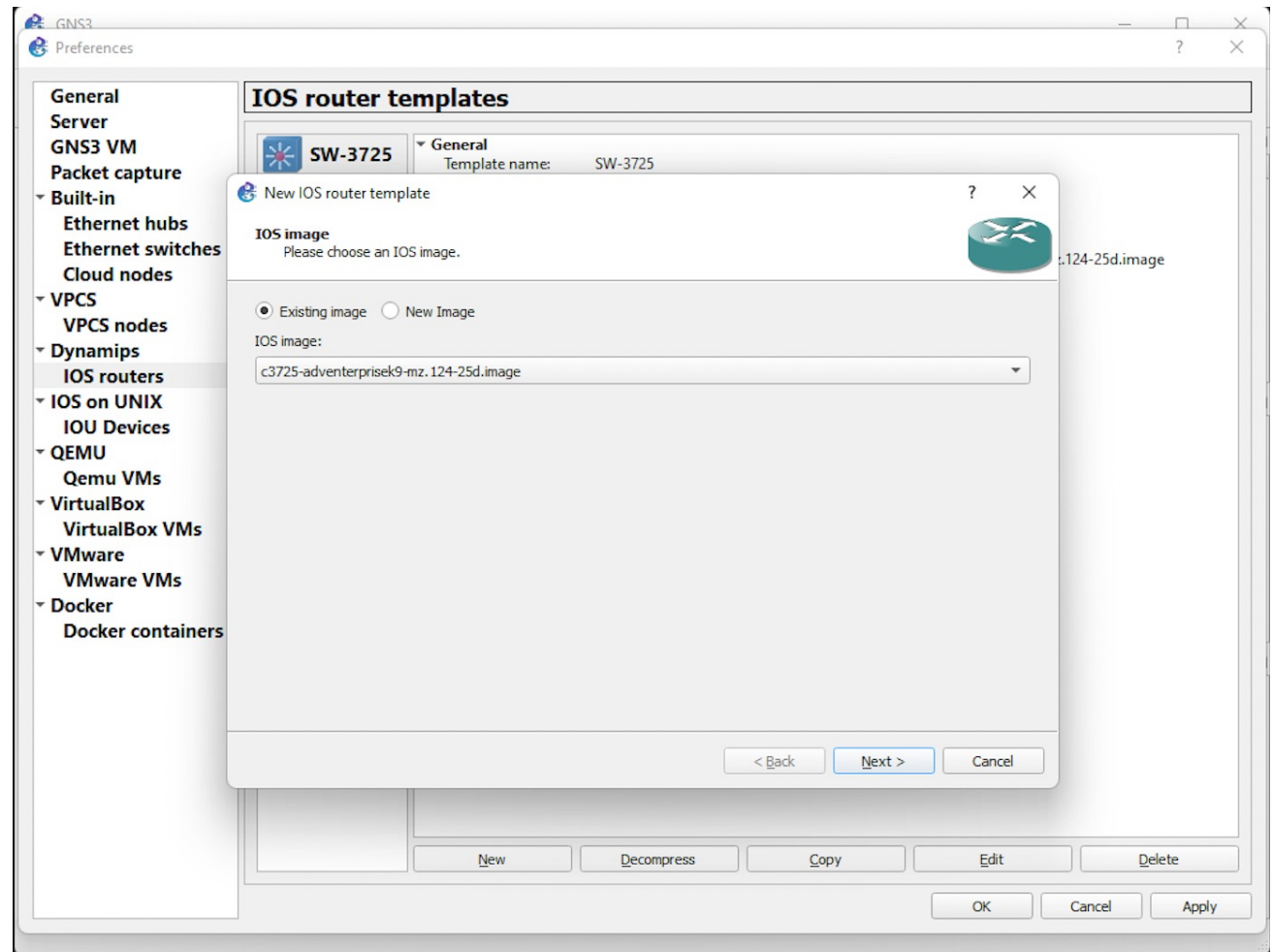
Pentru template-ul **SW-3725** nu vom adauga module WIC.



In final, template-ul **SW-3725** va arata asa:



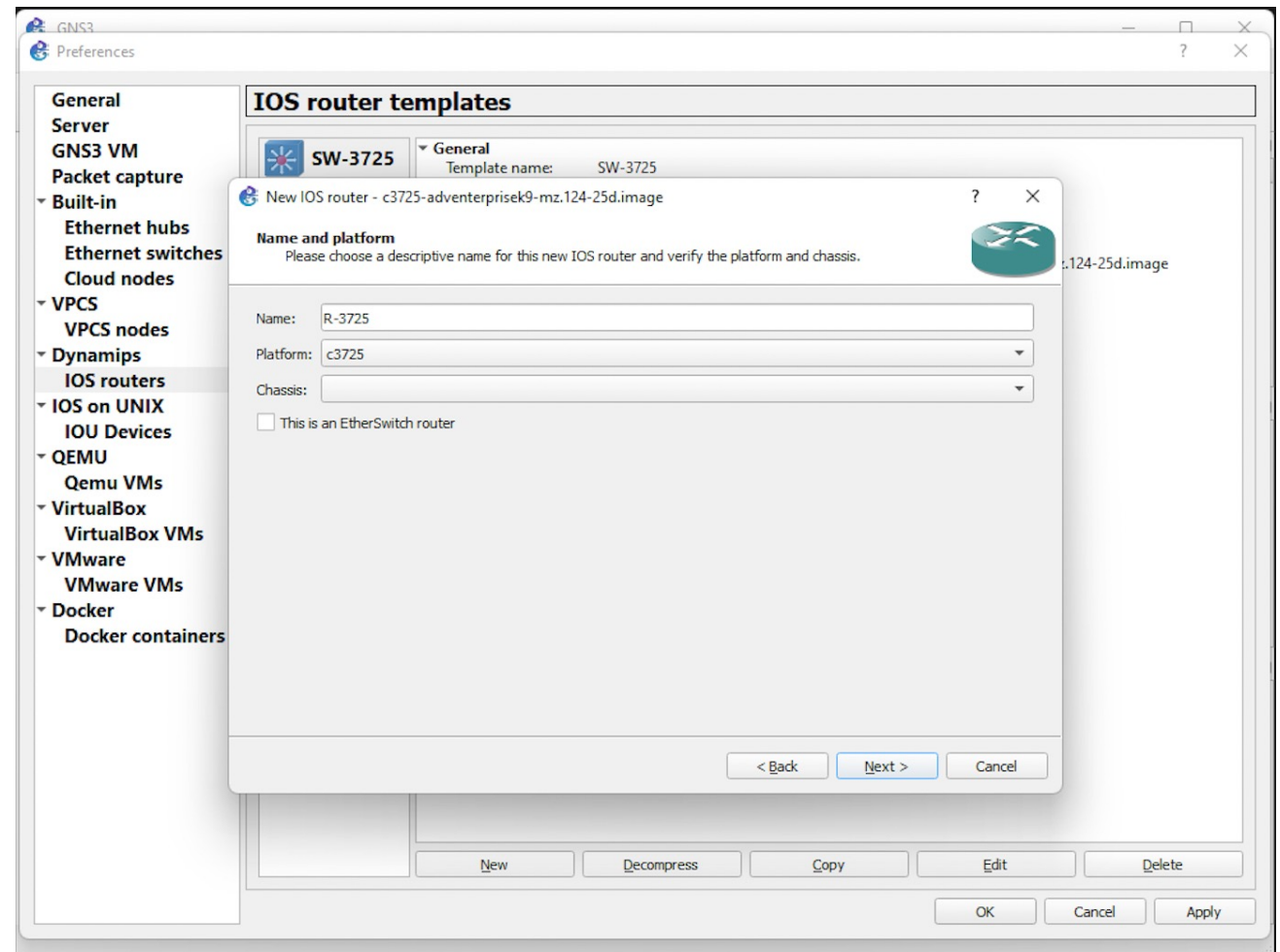
Adaugam template-ul pentru **R-3725** care este bazat pe aceeași imagine Cisco 3725.



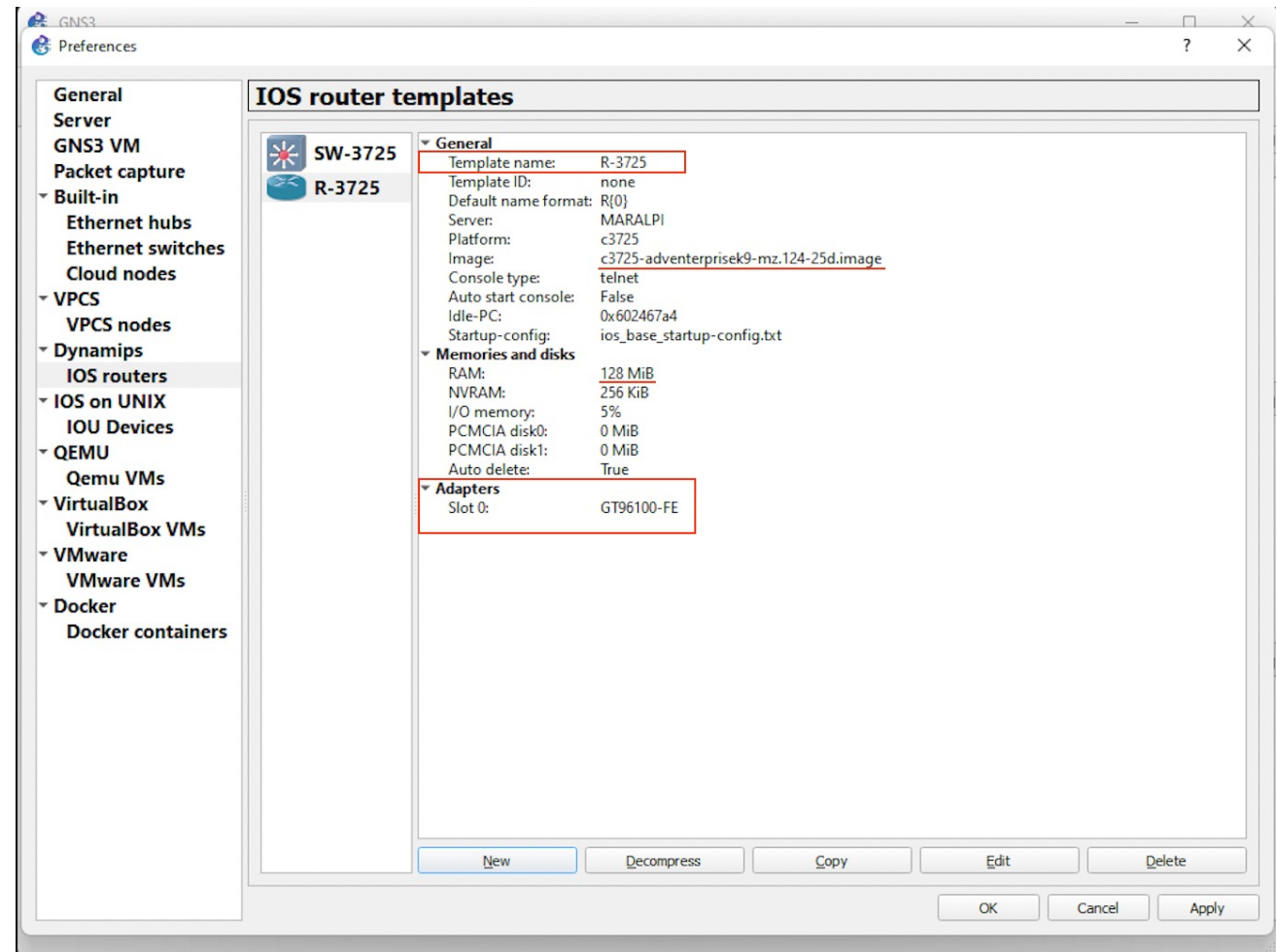
Pentru template-ul **R-3725**, cand dam numele template-ului, **nu** vom bifa **This is an EtherSwitch router**.

Vom folosi de asemenea tot 128MB RAM ca si in cazul SW-3725.

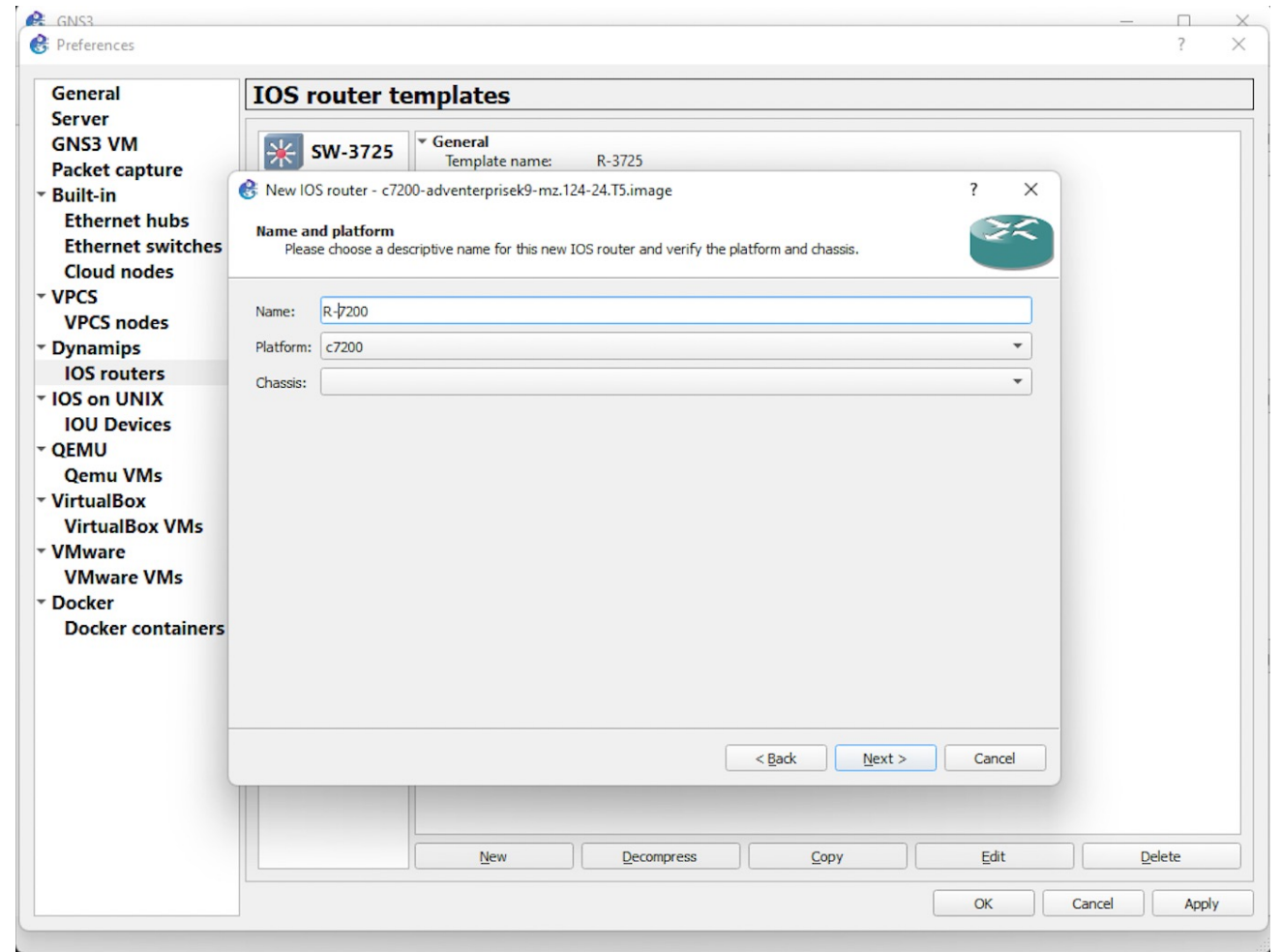
Nu vom adauga niciun modul suplimentar in slot-ul 1.



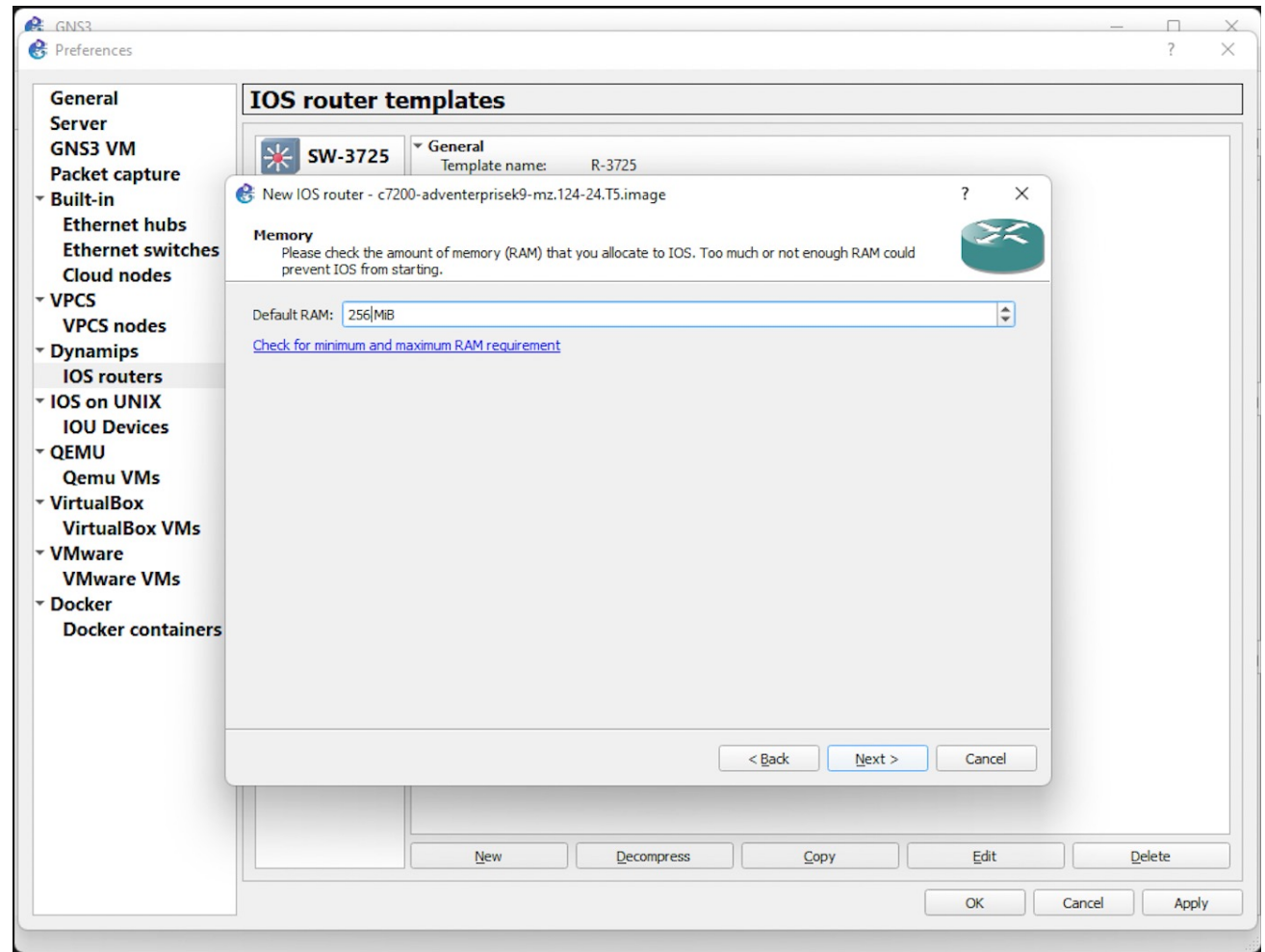
In final, template-ul **R-3725** va arata asa:



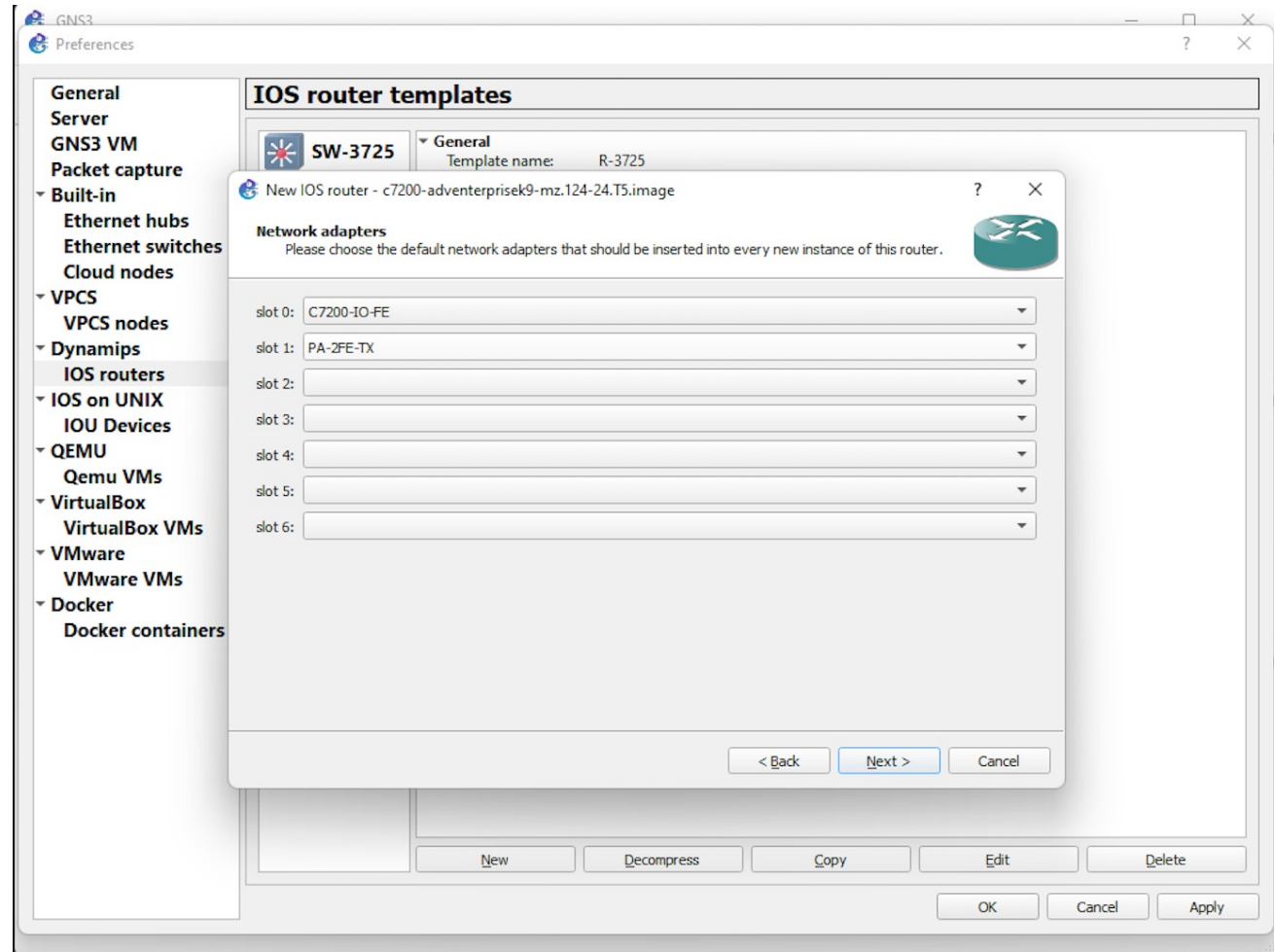
Adaugam template-ul pentru R-7200 care este bazat pe imaginea Cisco 7200.



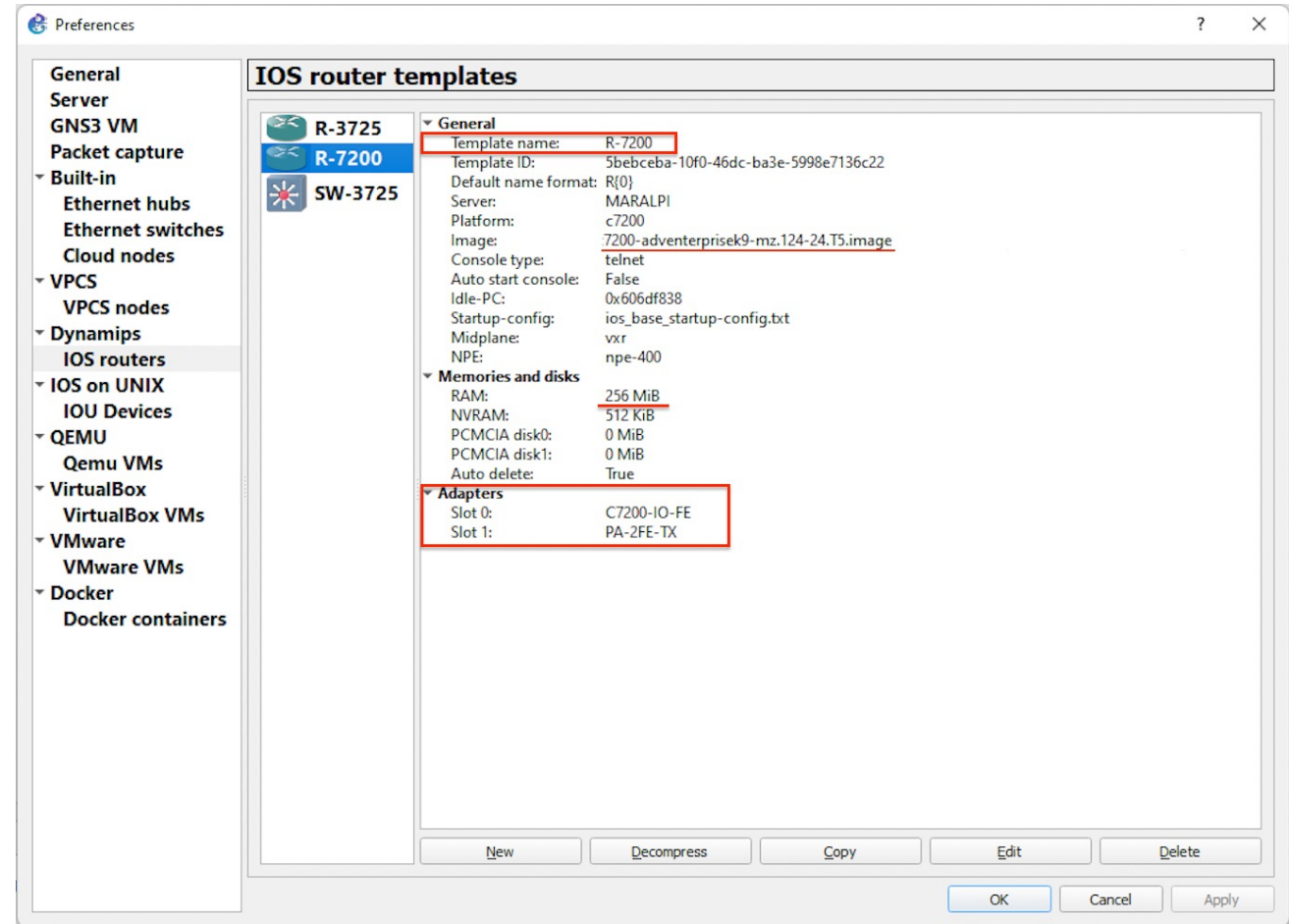
Pentru template-ul **R-7200**, putem folosi 256MB RAM, desi recomandarea GNS3 este sa folosim 512MB.



Pentru template-ul **R-7200**, vom adauga in slotul 1 modulul PA-2FE-TX.



In final, template-ul **R-7200** va arata asa:



Din acest moment, se pot incarca topologiile de retea propuse pentru diferite laboratoare si teme.

De asemenea, se pot crea topologii noi, pentru a exersa.

GNS3 se va porni intodeuna cu drepturi de administrator!

