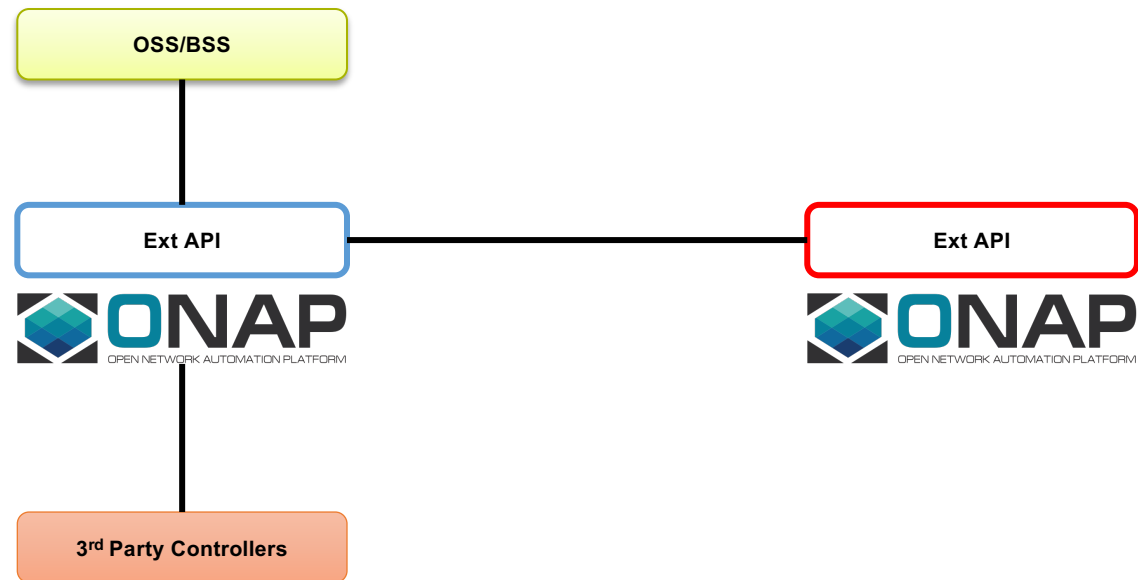


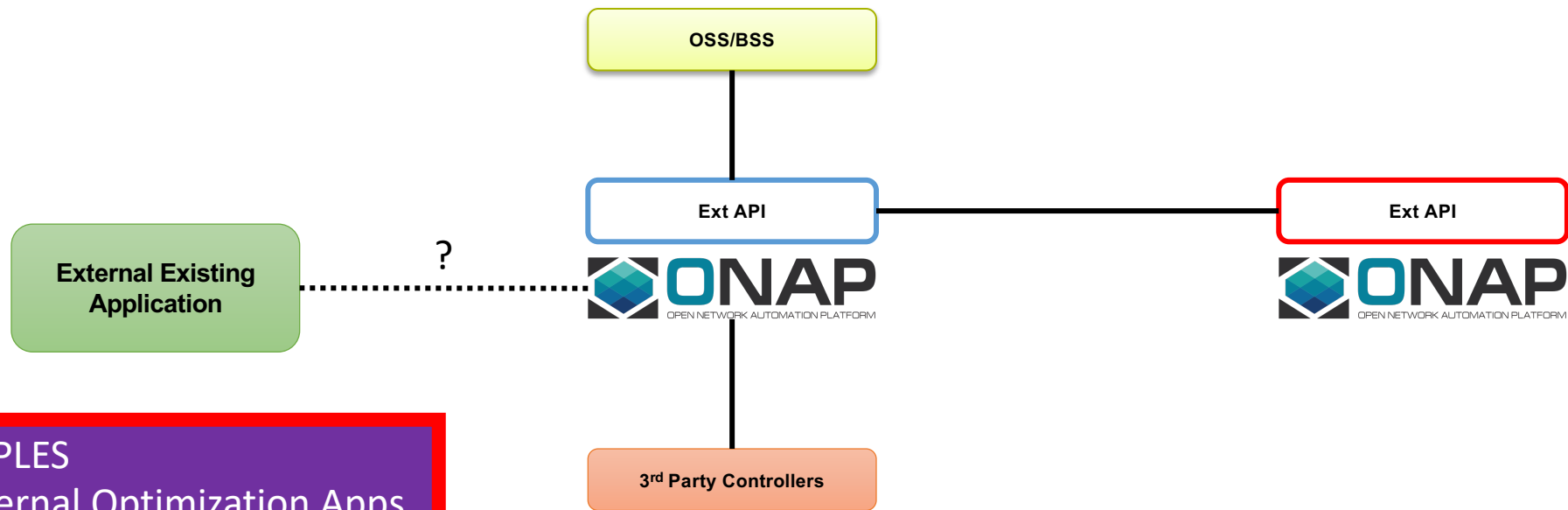
ONAP & External Applications

Davide Cherubini
Vodafone

Problem Statement



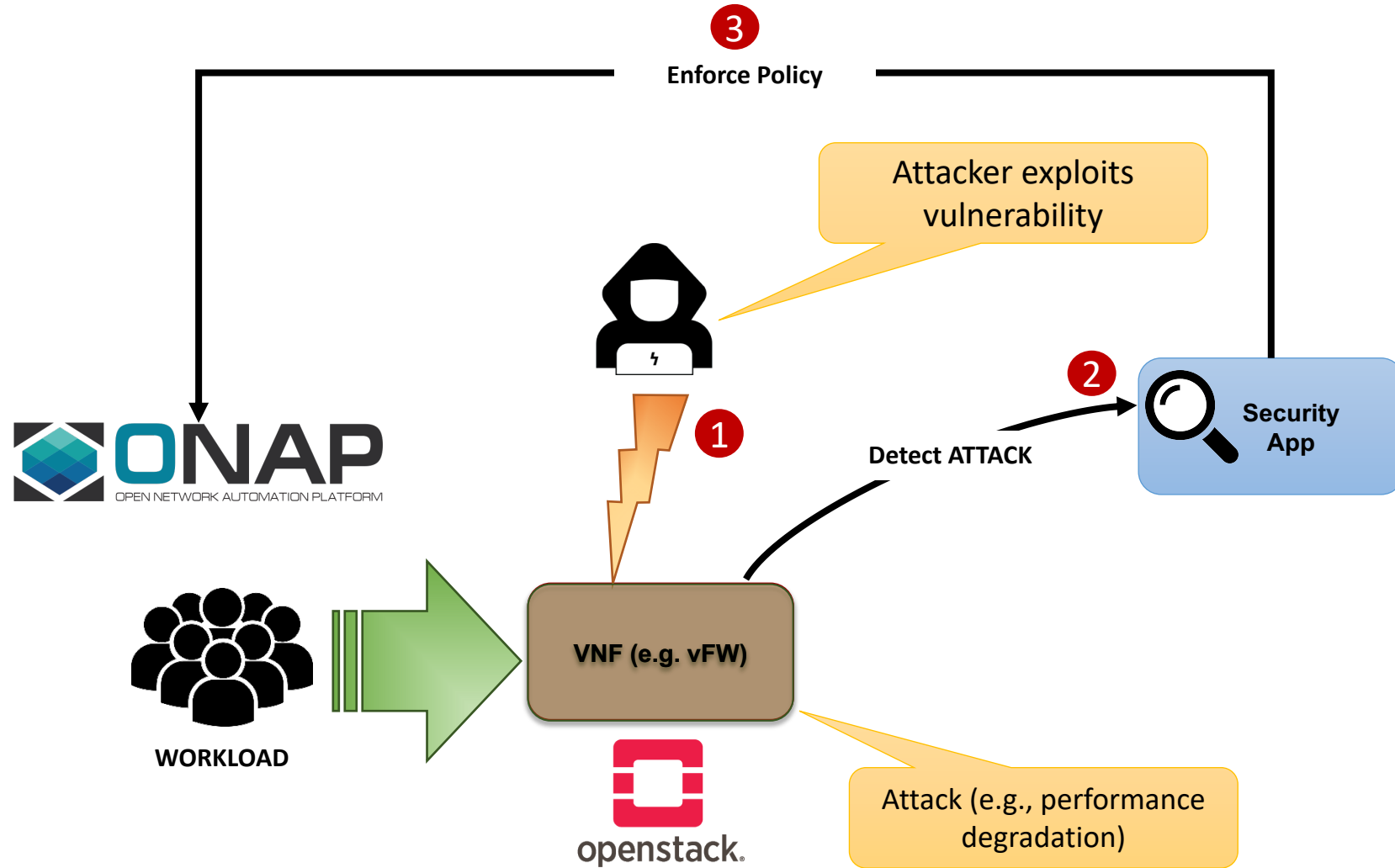
Problem Statement



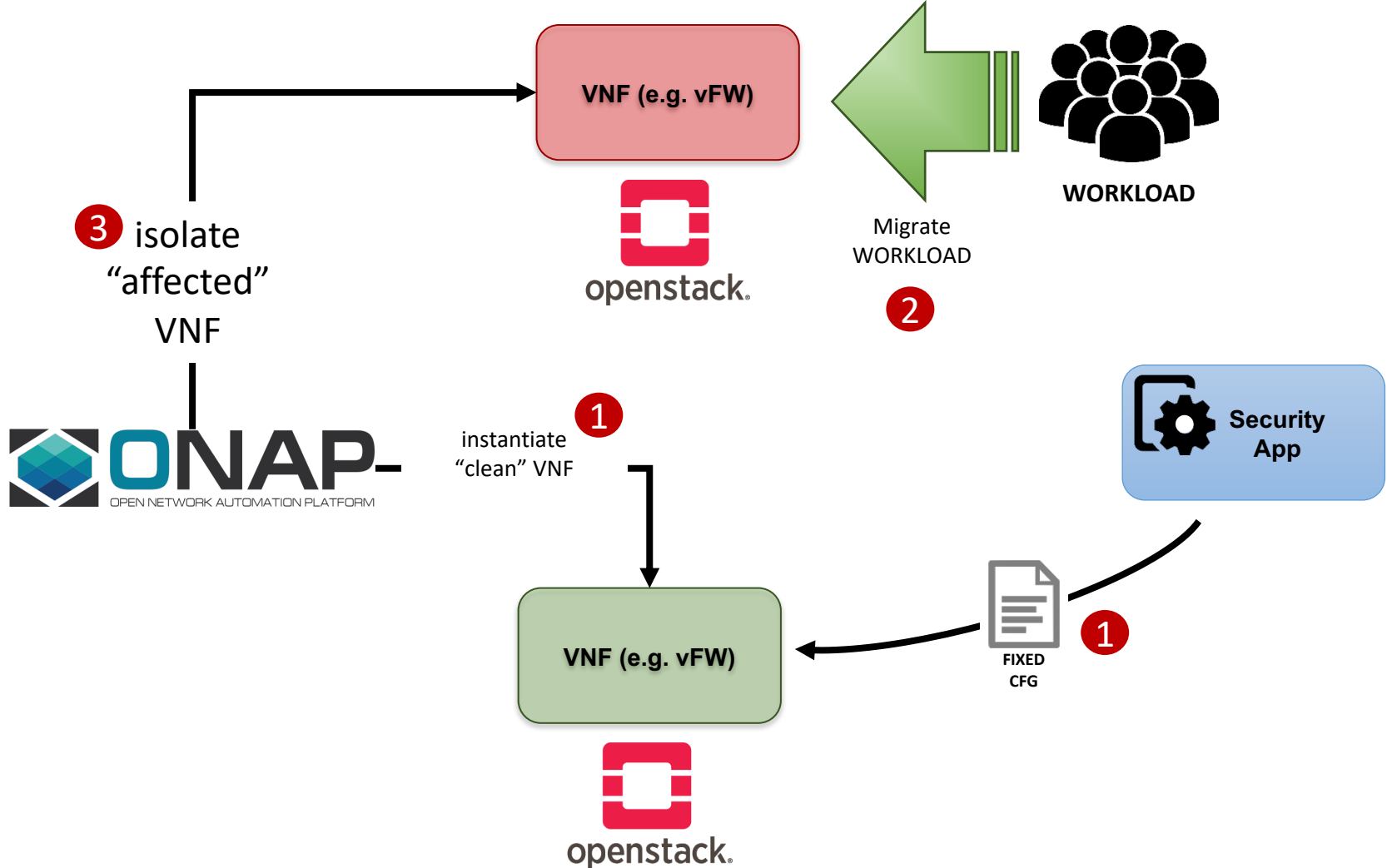
EXAMPLES

- External Optimization Apps
- Security Apps

Example Use Case

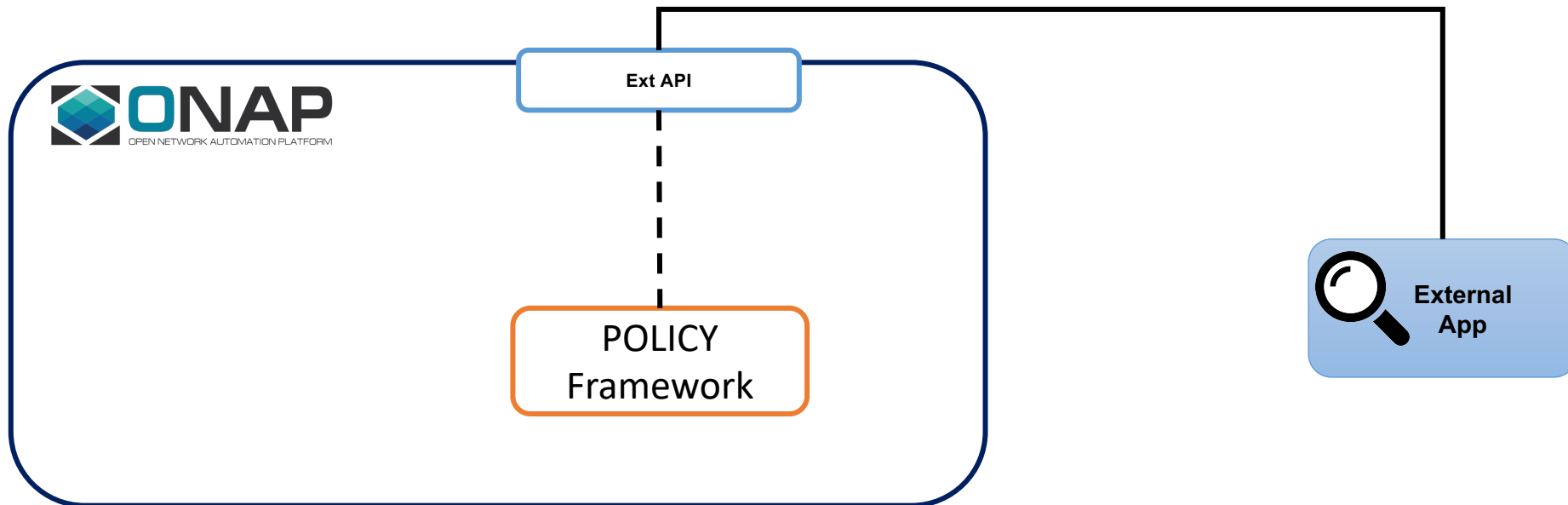


Example Use Case



Option 1

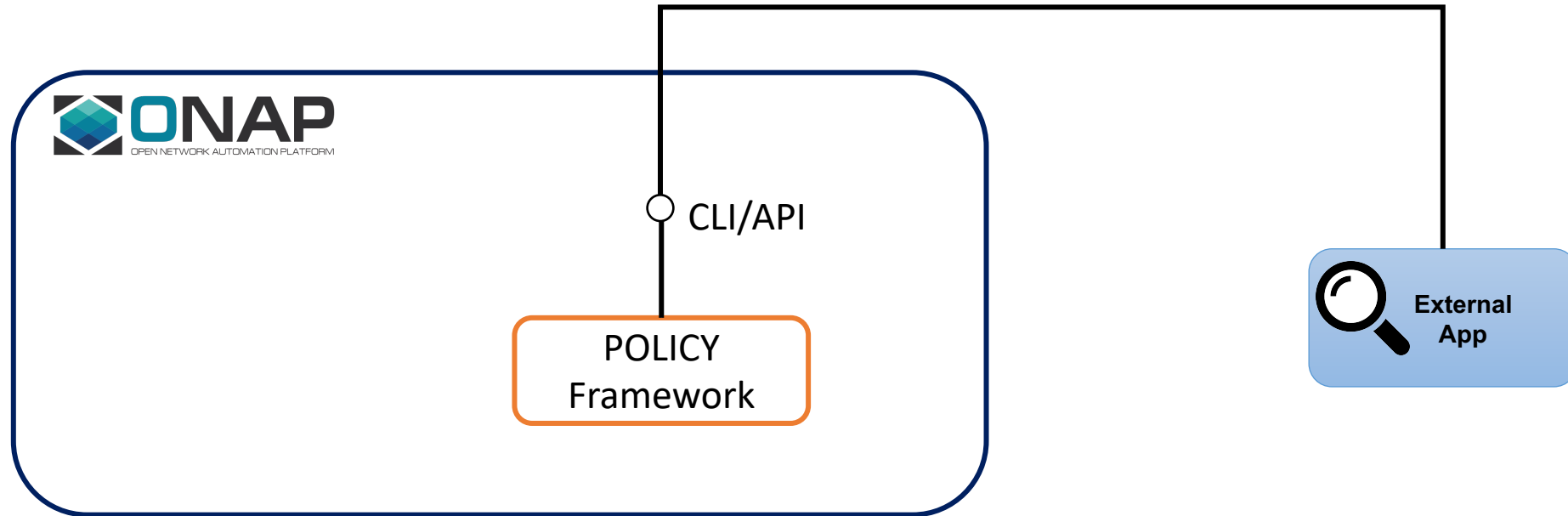
Expose internal projects to ExtAPI



- Add Internal API
- Beyond ExtAPI scope?

Option 2

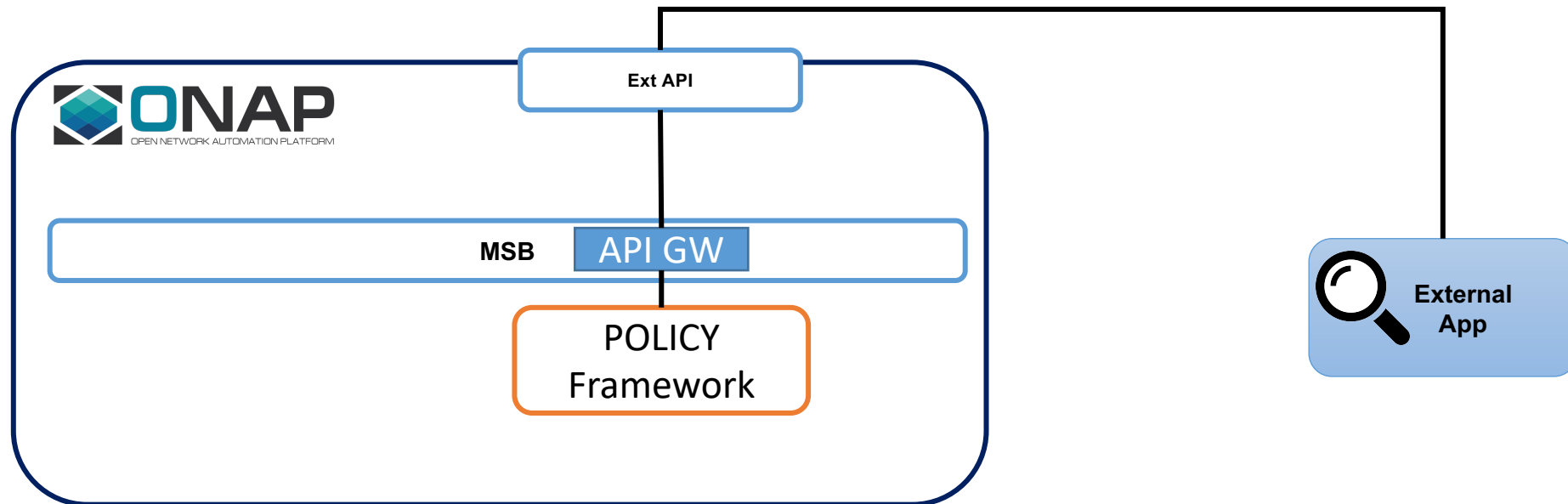
Exploit ONAP CLI or internal API



- Sec App must “speak” ONAP CLI
- How about Security?

Option 3

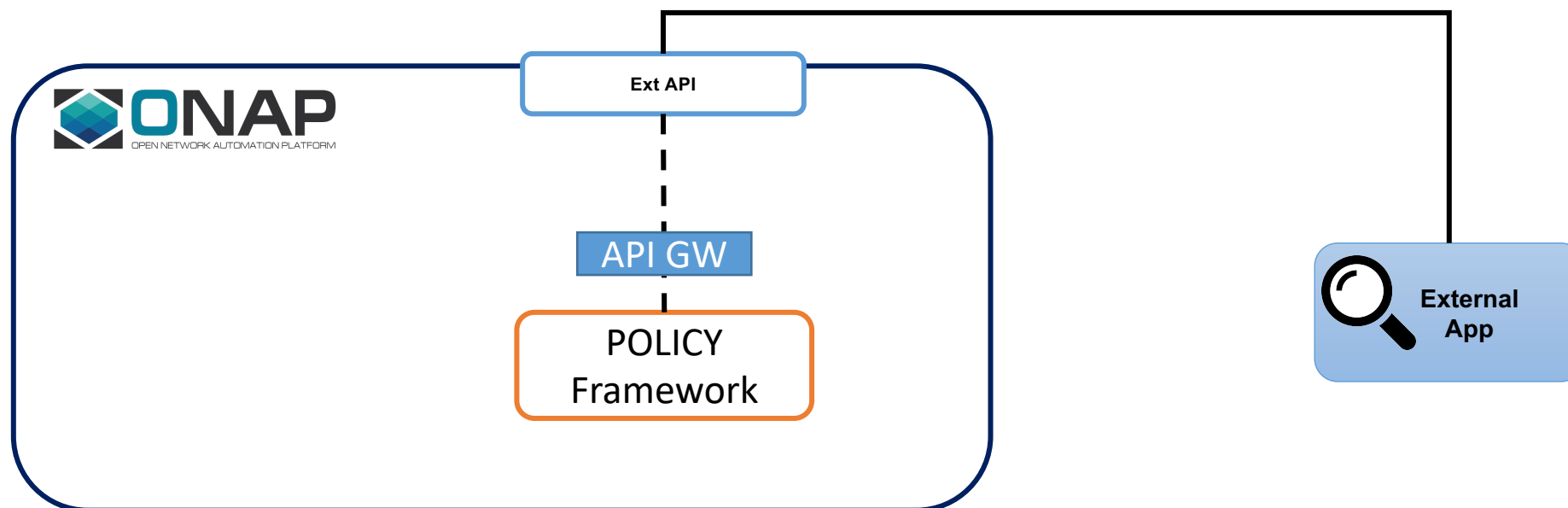
MSB API GW via Ext API



- Additional Plug-ins
- Routing logic
- How about Security?

Option 4

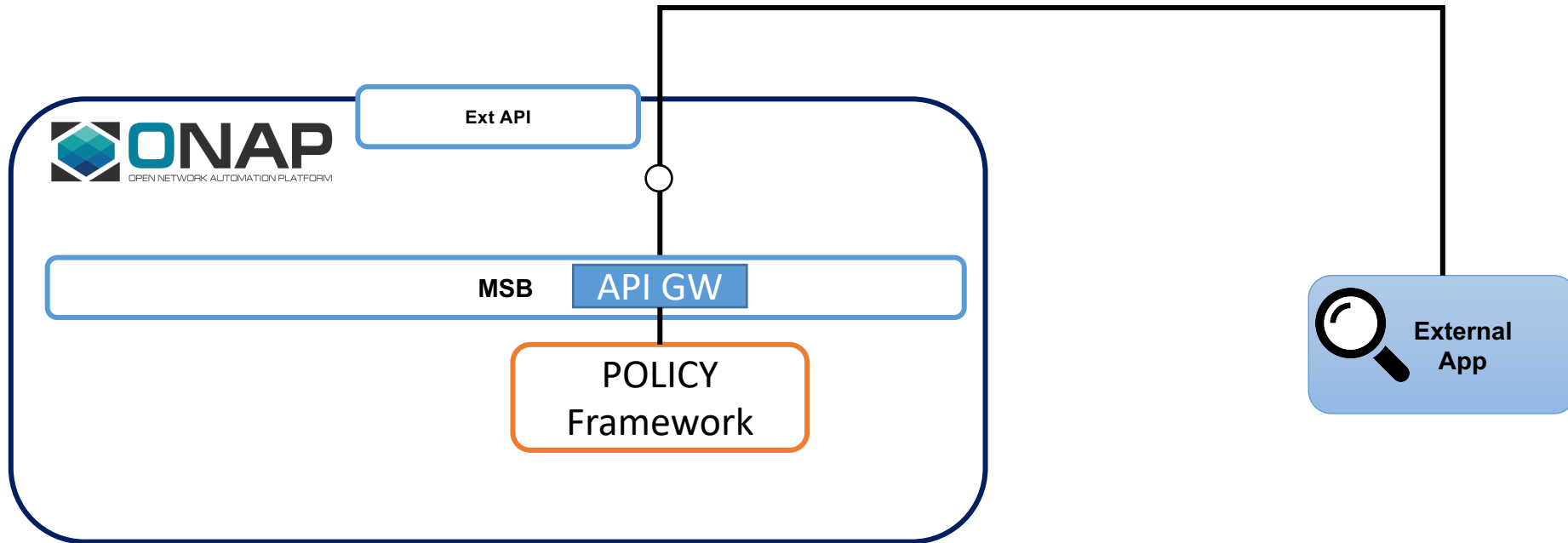
Dedicated API GW via Ext API



- Additional ONAP Project
- Beyond ExtAPI scope?

Option 5

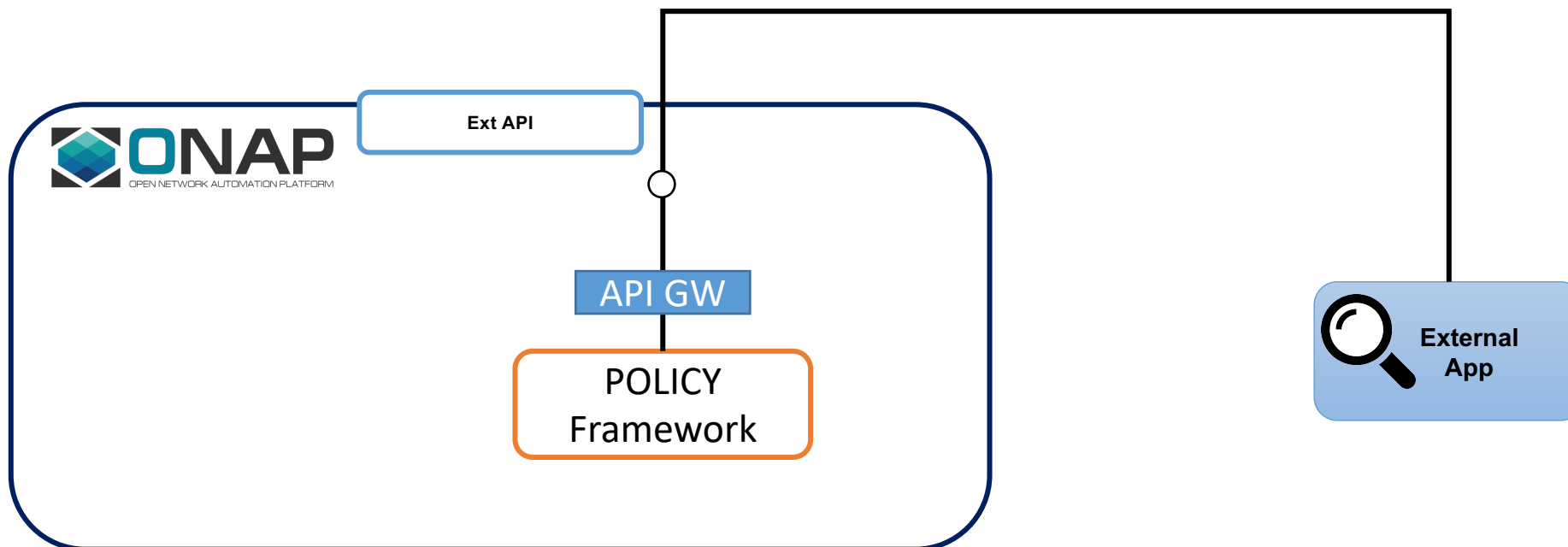
“Exposed” MSB API GW



• How about Security?

Option 6

“Exposed” dedicated API GW



- Additional ONAP Project
- How about Security?

Example: Option 2

