Section D. Leaflet

Title of the experiment: PROMETEUS
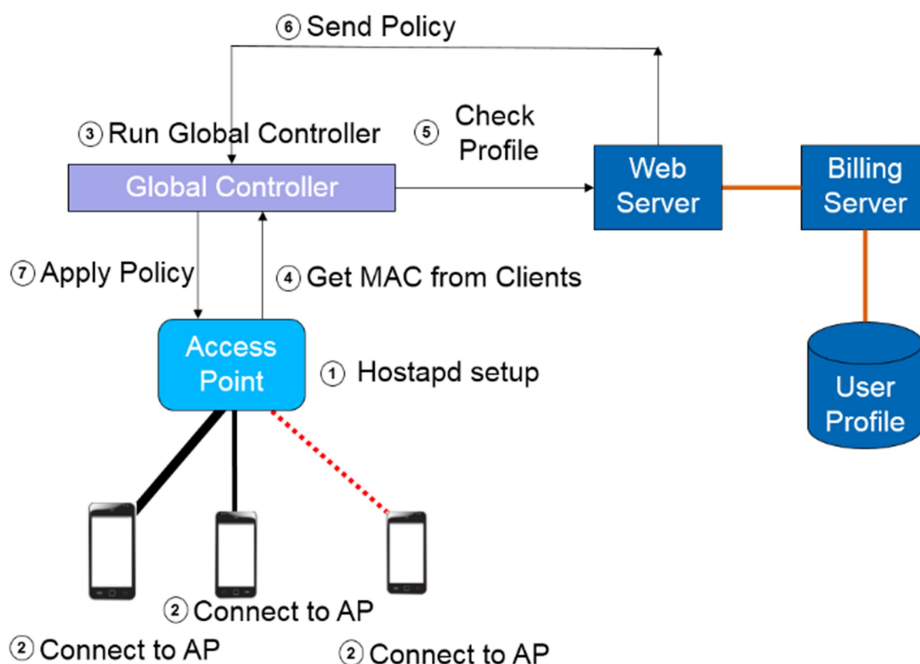**Name of organisation**: Level7
Logo of organization:

Goal of Experiment: The PROMETEUS experiment has as main goal the creation of a simple network access mechanism for emergency scenarios where clients will connect to temporary infrastructures. The Level7 commercial billing solution has been adapted in order to register/permit the network access in the WiSHFUL testbed.

Main challenge of Experiment: to interface the WiSHFUL infrastructure with the Level7 commercial platform in order to apply real life commercial policies in a R&D scenario, using and adapting the WiSHFUL software framework.
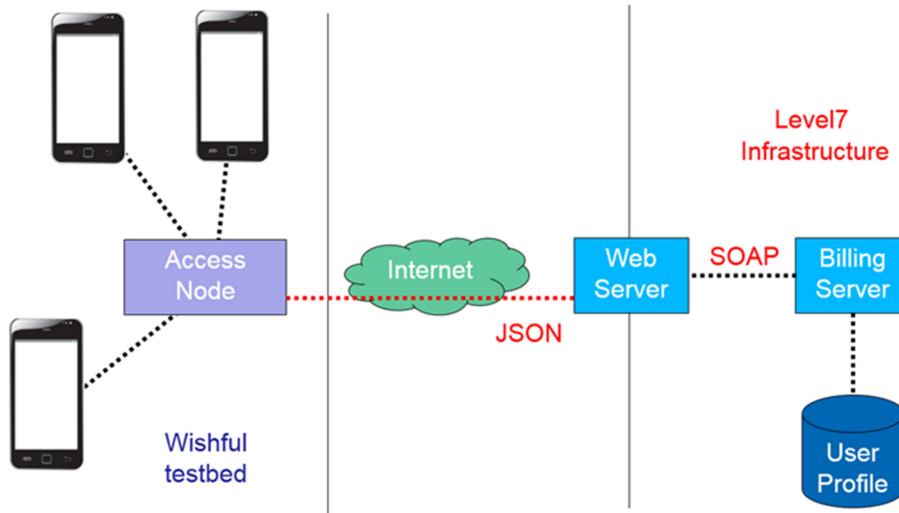
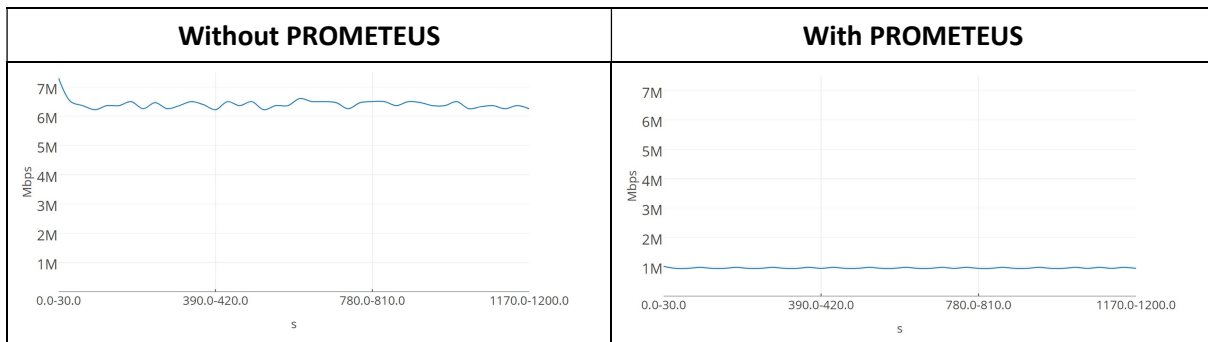**Description of setup of Experiment, including 1 or maximum 2 figures**

```
2017-02-12 19:18:38,700 - Global Controller - DEBUG - New node found: 192.168.1.2
2017-02-12 19:18:43,414 - Global Controller - DEBUG - New node found: 192.168.1.3
2017-02-12 19:18:51,841 - Global Controller - DEBUG - Check user's profile from BSS.
Request to: 31.44.30.26 For MAC: 00:0e:8e:3b:28:d3
2017-02-12 19:18:52,536 - Global Controller - DEBUG - Profile associated to MAC:
00:0e:8e:3b:28:d3 is: WiSHFUL-bronze
2017-02-12 19:18:52,537 - Global Controller - DEBUG - Connection values for this profile are:
        Download: 1mbit
        Upload: 200kbit
2017-02-12 19:18:56,997 - Global Controller - DEBUG - New node found: 192.168.1.4
2017-02-12 19:19:32,641 - Global Controller - DEBUG - Check user's profile from BSS.
Request to: 31.44.30.26 For MAC: 00:0e:8e:3b:22:49
2017-02-12 19:19:32,915 - Global Controller - DEBUG - Profile associated to MAC:
00:0e:8e:3b:22:49 is: Normal
2017-02-12 19:19:32,915 - Global Controller - DEBUG - The device has no authorization, the
connection will be dropped
2017-02-12 19:20:02,978 - Global Controller - DEBUG - Check user's profile from BSS.
Request to: 31.44.30.26 For MAC: 00:0e:8e:61:1a:8f
2017-02-12 19:20:03,179 - Global Controller - DEBUG - Profile associated to MAC:
00:0e:8e:61:1a:8f is: WiSHFUL-platinum
2017-02-12 19:20:03,179 - Global Controller - DEBUG - Connection values for this profile are:
        Download: 4mbit
        Upload: 500kbit
```

PROMETEUS can recognize users and apply the right policy

Main results, illustrated by 1 or maximum 2 figures with clear, but concise figure captions.

Connecting WiSFHFUL to a Commercial BSS/Billing solution in order to enhance it with AAA

Without PROMETEUS	With PROMETEUS

PROMETEUS does the right traffic shaping accordingly to the profile stored in the BSS/OSS

Conclusions: Level7 could validate new ideas in a new business segment (emergency infrastructures for disaster recovery scenarios) in order to reposition its technological offer. Thanks to the UPIs and to the WiSHFUL testbed, Level7 could focus its effort in the software development and technology validation.

Feedback: Thanks to WiSHFUL we could focus on the added value of our technological proposal. We believe that thanks to the WiSHFUL UPIs researchers can now speed up frameworks development and scenarios validation.

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