

Comments and changes done to the paper “Integration of 5G Experimentation Infrastructures into a Multi-Site NFV Ecosystem.”

We would like to take this opportunity to thank the feedback from the editor and reviewers. We hope that the enhancements and modifications done to the paper are able to satisfy the reviewer’s comments.

We present below the detailed comments provided by each reviewer, followed by our answer, making references to the changes done to the paper. In the online submission system, we have uploaded the updated paper with the main changes highlighted in red color.

Yours sincerely, the authors.

Reviewer #1

Comment 1.1. The presented manuscript does not showcase metrics that would help assess system performance. For example, system telemetry relating to instantiation and on-boarding delays would help improve the quality of the manuscript.

Answer 1.1. *We agree with the reviewer that these aspects should be mentioned to better define the performance of our system. Consequently, we have updated the “Representative Results” section to include the service creation time of the vertical service used throughout the manuscript to illustrate the effectiveness of our protocol. This time refers to the time required to complete the instantiation of the network service along with the time needed to carry out the on-boarding of the service descriptors (both the network service and each virtual network function descriptors), which does not exceed 9 minutes in total.*

In addition, it should be noted that this time is highly dependent on different factors such as the network path between the orchestrator and the different VIMs, the performance of data communications between the VIM and its managed computational nodes, and also in the intrinsic nature of these computational nodes (not only because of their available computing resources, but also the technologies incorporated to conduct the virtualization of network functions). We have updated the manuscript to reflect these aspects in the “Discussion” section.