Annex A (normative):
NFV ISG PoC Proposal Template

# A.1 NFV ISG PoC Proposal Template

## A.1.1 PoC Team Members

* Include additional manufacturers, operators or labs should additional roles apply.
* PoC Project Name:
* Network Operators/ Service Providers: \_\_\_\_\_\_\_\_\_\_\_\_ Contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Manufacturer A: Contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Manufacturer B: Contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Additional Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

## A.1.2 PoC Project Goals

Example: The PoC will verify that the VNF running on top of the NFVI is able to optimize the location and required resources of the VNFs as per ETSI GS NFV-004 Port.3 [3].

* PoC Project Goal #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List additional (optional) PoC Project Goals (follow the same format).

## A.1.3 PoC Demonstration

Examples include: PoC Team's member's labs, industry trade shows, research networks, etc.

* Venue for the demonstration of the PoC: \_\_\_\_\_\_\_\_\_\_\_\_\_

## A.1.4 (optional) Publication

Publication of PoC results outside the ISG is encouraged to enable peer review, to avoid duplication of PoC proposals and to enable others to build on the PoC outcomes. Publication of PoC results is not mandatory and is not a selection criterion, but if you are proposing publication, please provide the following information:

Examples include: Conferences, public demonstrations, online publication, trade magazine, etc.

* What would be the publication channel(s) for the PoC. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* What would be the planned publication date(s)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* URLs where applicable: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

## A.1.5 PoC Project Timeline

* What is the PoC start date? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* (First) Demonstration target date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* PoC stages target dates(optional) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* PoC Report target date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* When is the PoC considered completed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# A.2 NFV PoC Technical Details (optional)

## A.2.1 PoC Overview

In order to maintain a high quality of the PoC Projects and provide meaningful feedback to the various NFV ISG Work Items, it is desirable for the NFV ISG PoC Proposal to identify, in detail, the NFV aspects that are being demonstrated. PoC team members are encouraged to focus on NFV ISG documents such as the Architectural Framework [4], Use Cases [2], Requirements [3], as well as other NFV ISG documents.

* Add a graphical depiction of the PoC Project and its building blocks.

## A.2.2 PoC Scenarios

Describe the high level scenario(s) that will be demonstrated. Where applicable, provide a network diagram(s):

* Scenario 1 - \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Scenario 2 - \_\_\_\_\_\_\_\_\_\_\_\_\_\_

## A.2.3 Mapping to NFV ISG Work

Describe how this PoC relates to the NFV ISG work:

1. Specify below the most relevantNFV ISG end-to-end concept from the NFV Use Cases [2], Requirements [3], and Architectural Framework functional blocks or reference points [4] addressed by the different PoC scenarios:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Use Case** | **Requirement** | **E2E Arch** | **Comments** |
| **Scenario 1** | *UC#4*  | *Gen.1* |  | *Progressive (partial to full) virtualisation of EPC* |
| **Scenario 2** | *UC#4* | *Elas.2* |  | *Scaling of vMME (in, out, on-demand, automatic...)* |
| **…** |   |   |   |   |

1. (Optional) If this PoC intends to solve or validate any challenge or ongoing work in NFV ISG Work Items, complete the table below:

|  |  |  |
| --- | --- | --- |
|   | **Work Items** | **Comments** |
| **Scenario 1** |  |  |
| **Scenario 2** | *DGS/NFV-PER 001* | *This scenario is intended to validate and/or complete the portability templates* |
| **…** |  |  |

## A.2.4 PoC Success Criteria

* Explain how you intend to verify that the goals you presented in clause A.1.2 have been met.

Example: Functional (it worked, it did not work), Performance (transactions per second, throughput, processing per second, packet per second, etc.), Scalability, Availability, Service Quality.

## A.2.5 Expected PoC Contribution

One of the intended goals of the NFV PoC activity is to support the various groups within the NFV ISG. The PoC Team is therefore expected to submit contributions relevant to the NFV ISG work items as a result of their PoC Project.

List of contributions towards specific NFV ISG WIs expected to result from the PoC Project:

* PoC Project Contribution #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ NFV WI \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* PoC Project Contribution #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ NFV WI \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* PoC Project Contribution #3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ NFV WI \_\_\_\_\_\_\_\_\_\_\_\_\_\_