5G SBP Use Case - MultiCloud HybridCloud NaaS

Use this template to submit Use Cases for submission to the 5G Super Blueprint Use Case & Requirements Advisory Group. All input marked Mandatory is required for the blueprint use case proposal to be deemed ready for review by the Use Case & Requirements Advisory Group.

Use Case Name: **(Mandatory)**	**MultiCloud HybridCloud NaaS (Network as a Service)**
Use Case Description: (Mandatory)	
-Epic -Problem Statement (Mandatory)	
Blueprint Owner (Mandatory)	*enter name*
Users Stories (at least one (1) User Story is Mandatory)	• a. • b. • c.
Interaction with other open source projects and components (Mandatory)	• a. • b. • c.
Resources -people (Mandatory)	Resources (people) to execute on the blueprint: • *enter name 1* • *enter name 2* • ...
Steps to Realization	• What is the very 1st step to realization? • 2nd step? • 3rd step?
High-level architecture diagram (Mandatory)	
High level lab topology diagram (Mandatory)	
Dependencies - list of any dependencies that rely of future releases of a specfic component. (Mandatory)	☐ Yes ○ *Enter details*: or ☐ No
High-level timeline (Mandatory)	• Month that build can begin: *enter month/year* • Approximate duration of build: *enter number of weeks or months* • Approximate completion of outputs: *enter month/year*

Upstreaming Opportunities (Mandatory)	• *enter project(s) and details*
Blueprint Outputs (Mandatory)	check all that apply: ☐ Code repository ☐ Configuration files (e.g. Helm charts, etc.) ☐ Upstreaming to relevant projects ☐ Continuous Integration ☐ Test requirements and test results (if applicable) ☐ Documentation: ☐ Overview and Theory of Operation (i.e., what does it do?) ☐ Deployment and setup ☐ Videos ☐ demo ☐ lab setup/behind the scenes ☐ other
High-level timeline (Mandatory)	• Month that build can begin: *enter month/year* • Approximate duration of build: *enter number of weeks or months* • Approximate completion of all outputs: *enter month/year*
Links to existing documentation (Build Guide, Slideware, etc), if available (optional).	
Links to existing demo/video, if available (optional).	
Links to existing code/repos, if available (optional).	

16 Feb 2024 Kickoff Meeting

Meeting Recording

Attendance:

- Joe Pearson, @sathish, @ayyaps, @ljilluzzi, Amar Kapadia , Ranny Haiby

Agenda:

- Introductions - LJ
- High Level Overview - Ranny
- Proposed blueprint - Use Case, Resources that will be required - Aarna
  - Equinix (v2) work has slowed down
  - Lab resources required
    - Alignment with current IBM focus areas might help open up resources
- IBM Potential resources (Labs, Connectivity, Personnel) - IBM team
  - IBM introduced the concept of application-centric connectivity
    - IBM Hybrid Cloud Mesh (IBM product). Potential to open source a subset of this product. Open-source Mesh components currently include Open Horizon and skupper.io
  - Potential to integrate connectivity APIs to carrier 4G/5G cores - AT&T, as an example
  - Next Steps:
    - Overview of Hybrid Cloud Mesh
- Other players that we need to reach out to - All
  - Dell/SoNIC - infra
  - Equinix - infra
- Next steps and timeline
  - Overview/Deep Dive of Hybrid Cloud Mesh- add to an 5G SBP agenda. Focus on component integration. Target 28 Feb 2024