

onboard seamlessly and automatically a sandbox platform marketplace to test if the service and/or aspects of the service works as expected. Once satisfied, the Service Provider may request the framework owner to promote the service to a higher environment. An embodiment of the present invention achieves high velocity to onboard new service.

[0047] An embodiment of the present invention is directed to providing a Service Catalog and delivering service framework to new platforms. This expands the services that may be available on more platforms.

[0048] An embodiment of the present invention may provide improvements in billing through subscription usage model for services. For example, an embodiment of the present invention may provide an automated billing of service instances per hour or other time increment. Services Providers may specify more advanced billing model and specific, including number of GB used, network traffic, *etc.* This feature provides a capacity to set throttling, *e.g.*, downsize a service instance if a predefined limit has been exceeded (or other threshold). An embodiment of the present invention seeks to facilitate and simplify the billing process that a service provider offers to customers thereby enabling a myriad of new commercial opportunities and business cases. For example, a service provider may offer a service and further specify a charge for the service.

[0049] The foregoing examples show the various embodiments of the invention in one physical configuration; however, it is to be appreciated that the various components may be located at distant portions of a distributed network, such as a local area network, a wide area network, a telecommunications network, an intranet and/or the Internet. Thus, it should be appreciated that the components of the various embodiments may be combined into one or more devices, collocated on a particular node of a distributed network, or distributed at various