

Claims

1. A method for provisioning a service from a network, comprising:
 - requesting a session information with desired slice features corresponding to a streaming service;
 - receiving the session information, wherein the session information includes at least two network slices for distribution of the streaming service;
 - initiating a media session of the streaming service with an application server using the session information; and
 - providing a media playback of the streaming service received in the media session.
2. The method of claim 1, further comprising:
 - selecting a media session route using at least one of: a playback operation point, a traffic descriptor, a domain descriptor, and an application descriptor.
3. The method of claim 2, wherein the media session route is further selected with information from a media application function.
4. The method of claim 3, wherein the at least two network slices are selected by the media application function and provisioned for the distribution of the streaming service.
5. The method of claim 1, further comprising:
 - initializing the streaming service by fetching an entry point to a media content.
6. The method of claim 1, wherein the media playback is triggered by invoking a media player with an entry point to the media content.
7. The method of claim 1, wherein the session information further includes at least one of: network slice information, a Data Network Name, and a quality of service.

8. The method of claim 1, wherein the network supports 5G Media Streaming (5GMS).
9. An apparatus for provisioning a service from a network, comprising:
a processor, the processor configured to,
 - request a session information with desired slice features corresponding to a streaming service,
 - receive the session information, wherein the session information includes at least two network slices for distribution of the streaming service,
 - initiate a media session of the streaming service with an application server using the session information, and
 - provide a media playback of the streaming service received in the media session.
10. The apparatus of claim 9, the processor further configured to,
select a media session route using at least one of: a playback operation point, a traffic descriptor, a domain descriptor, and an application descriptor.
11. The apparatus of claim 10, wherein the media session route is further selected with information from a media application function.
12. The apparatus of claim 11, wherein the at least two network slices are selected by the media application function and provisioned for the distribution of the streaming service.
13. The apparatus of claim 12, the processor further configured to,
initialize the streaming service by fetching an entry point to a media content.
14. The apparatus of claim 9, wherein the media playback is triggered by invoking a media player with an entry point to the media content.

15. The apparatus of claim 9, wherein the session information further includes at least one of: network slice information, a Data Network Name, and a quality of service.
16. The apparatus of claim 9, wherein the network supports 5G Media Streaming (5GMS).
17. An apparatus for provisioning a service from a network, comprising:
 - a means for processing, the means for processing configured to,
 - request a session information with desired slice features corresponding to a streaming service,
 - receive the session information, wherein the session information includes at least two network slices for distribution of the streaming service,
 - initiate a media session of the streaming service with an application server using the session information, and
 - provide a media playback of the streaming service received in the media session.
18. The apparatus of claim 9, the means for processing further configured to,
 - select a media session route using at least one of: a playback operation point, a traffic descriptor, a domain descriptor, and an application descriptor.
19. The apparatus of claim 10, wherein the media session route is further selected with information from a media application function.
20. The apparatus of claim 11, wherein the at least two network slices are selected by the media application function and provisioned for the distribution of the streaming service.
21. The apparatus of claim 12, the means for processing further configured to,
 - initialize the streaming service by fetching an entry point to a media content.

22. The apparatus of claim 9, wherein the media playback is triggered by invoking a media player with an entry point to the media content.
23. The apparatus of claim 9, wherein the session information further includes at least one of: network slice information, a Data Network Name, and a quality of service.
24. The apparatus of claim 9, wherein the network supports 5G Media Streaming (5GMS).
25. A non-transitory computer-readable medium storing computer executable code for provisioning a service from a network, the code when executed by a processor causes the processor to:
- request a session information with desired slice features corresponding to a streaming service,
 - receive the session information, wherein the session information includes at least two network slices for distribution of the streaming service,
 - initiate a media session of the streaming service with an application server using the session information, and
 - provide a media playback of the streaming service received in the media session.
26. The medium of claim 25, the code when executed by a processor further causes the processor to:
- select a media session route using at least one of: a playback operation point, a traffic descriptor, a domain descriptor, and an application descriptor.
27. The medium of claim 26, wherein the media session route is further selected with information from a media application function and the at least two network slices are selected by the media application function and provisioned for the distribution of the streaming service.
28. The medium of claim 27, the code when executed by a processor further causes the processor to:

initialize the streaming service by fetching an entry point to a media content.

29. The medium of claim 25, wherein the media playback is triggered by invoking a media player with an entry point to the media content.

30. The medium of claim 25, wherein the session information further includes at least one of: network slice information, a Data Network Name, and a quality of service and the network supports 5G Media Streaming (5GMS).