

Claims

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 quality-of-service (QoS) parameters and Network Slice Selection Assistance Information (S-NSSAI) for each of at least two network slices for distribution of the streaming service;
 - initiating a media session of the streaming service with an application server, including selecting a network slice of the at least two network slices 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/or~~ 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 media content of the media ~~content~~ session.
- 7.- ____ The method of claim 1, wherein the session information further includes at least one of: network slice information, or 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 memory and 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 quality-of-service (QoS) parameters and Network Slice Selection Assistance Information (S-NSSAI) for each of at least two network slices for distribution of the streaming service,

initiate a media session of the streaming service with an application server, including selecting a network slice of the at least two network slices 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/or 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 media content of the media content session.

15.-___The apparatus of claim 9, wherein the session information further includes at least one of:

network slice information; or 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~~requesting a session information with desired slice features corresponding to a streaming service,

~~receive~~means for receiving the session information, wherein the session information includes quality-of-service (QoS) parameters and Network Slice Selection Assistance Information (S-NSSAI) for each of at least two network slices for distribution of the streaming service,

~~initiate~~means for initiating a media session of the streaming service with an application server, including selecting a network slice of the at least two network slices using the session information, and

~~provide~~means for providing a media playback of the streaming service received in the media session.

18.-___The apparatus of claim 9, ~~the means for processing~~17, further configured to, comprising:

~~select~~means for selecting a media session route using at least one of: a playback operation point, a traffic descriptor, a domain descriptor, ~~and/or~~ an application descriptor.

19.-___The apparatus of claim ~~10~~18, wherein the media session route is further selected with information from a media application function.

20.-___The apparatus of claim ~~11~~19, 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~~20, further comprising:

~~means for processing further configured to,~~

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

22.-___The apparatus of claim 917, wherein the media playback is triggered by invoking a media player with an entry point to ~~the~~ media content of the media session.

23.-___The apparatus of claim 917, wherein the session information further includes at least one of: network slice information, or a Data Network Name, ~~and a quality of service~~.

24.-___The apparatus of claim 917, 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 quality-of-service (QoS) parameters and Network Slice Selection Assistance Information (S-NSSAI) for each of at least two network slices for distribution of the streaming service,

initiate a media session of the streaming service with an application server, including selecting a network slice of the at least two network slices 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~~the 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, wherein the code when executed by ~~a~~the 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 media content of the media ~~content~~session.

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