Claims

What is claimed is:

1. A method for enabling services using a network component in a communication system supporting at least one domain, the method comprising:

receiving a first SIP request;

creating a second SIP request via the network component based upon the first SIP request;

receiving a SIP response; and

selecting a subsequent action upon receiving the SIP response.

2. The method of Claim 1 wherein at least one of the first and second SIP requests is a SIP INVITE request.

3. The method of Claim 1 wherein the network component is a service centralization and continuity application server.

4. The method of Claim 1 wherein the SIP response is a message indicating not acceptable.

5. The method of Claim 1 wherein selecting a subsequent action upon receiving the SIP response further comprises:

sending a third SIP request to the circuit switched domain.

6. The method of Claim 1 wherein selecting a subsequent action upon receiving the SIP response further comprises:

a decision to not select an alternative domain.

7. The method of Claim 1 wherein selecting a subsequent action upon receiving the SIP response further comprises:

using a circuit switched protocol as a base transport to carry a SIP-like protocol, said circuit switched protocol including at least one of a short message service and unstructured supplementary service data.

8. The method of Claim 1 wherein the services are voice services; and

wherein said first and second SIP requests include at least one voice media component.

9. The method of Claim 1 wherein the domain is at least one of a circuit switched domain and a packet switched domain.

10. The method of Claim 1 wherein selecting a subsequent action further comprises testing the presence of a feature tag.

11. The method of Claim 1 wherein selecting a subsequent action further comprises testing the presence of at least one session description protocol,

wherein said at least one session description protocol indicates using a circuit switched domain for a voice bearer to the user equipment, and

wherein said at least one session description protocol indicates using a packet switched domain for the voice bearer to the user equipment.

12. A method for enabling services using a network component in a communication system supporting at least one domain, the method comprising:

receiving a first message;

creating a second message via the network component based upon the first message;

receiving a third message; and

selecting a subsequent action upon receiving the third message.

13. The method of Claim 12 wherein the first, second and third messages are SIP messages, said SIP messages being at least one of a SIP request message and a SIP response message.

14. The method of Claim 12 wherein at least one of the first and second messages is a SIP INVITE request.

15. The method of Claim 12 wherein the network component is a service centralization and continuity application server.

16. The method of Claim 12 wherein the third message is a message indicating not acceptable.

17. The method of Claim 12 wherein selecting a subsequent action upon receiving the third message further comprises:

sending a fourth message to the circuit switched domain.

18. The method of Claim 12 wherein selecting a subsequent action upon receiving the third message further comprises:

a decision to not select an alternative domain.

19. The method of Claim 12 wherein selecting a subsequent action upon receiving the third message further comprises:

using a circuit switched protocol as a base transport to carry a SIP-like protocol, said circuit switched protocol including at least one of a short message service and unstructured supplementary service data.

20. The method of Claim 12 wherein the services are voice services; and

wherein said first and second messages include at least one voice media component.

21. The method of Claim 12 wherein the domain is at least one of a circuit switched domain and a packet switched domain.

22. The method of Claim 12 wherein selecting a subsequent action further comprises testing the presence of a feature tag.

23. The method of Claim 12 wherein selecting a subsequent action further comprises testing the presence of at least one session description protocol,

wherein said at least one session description protocol indicates using a circuit switched domain for a voice bearer to the user equipment, and

wherein said at least one session description protocol indicates using a packet switched domain for the voice bearer to the user equipment.

24. The method of Claim 12 wherein any one of said first, second and third messages is at least one of a Ut message and a Gm message.

25. A communication system supporting at least one domain, the system comprising:

a user equipment configured to receive a first SIP request; and

a network component configured to create a second SIP request based upon the first SIP request, subsequently receive a SIP response and select a subsequent action upon receiving the SIP response.

26. The communication system of Claim 25 wherein the network component is further configured to maintain registration information per the user equipment, the registration information including at least one feature tag.

27. The communication system of Claim 25 wherein the network component is further configured to include in the second SIP request at least one of a session description protocol indicating the use of a circuit switched domain for the voice bearer to the user equipment and session description protocol indicating the use of a packet switched domain for the voice bearer to the user equipment.

28. The communication system of Claim 25 wherein the network component is further configured to receive at least one indicator, said indicator being an IMS voice over session supported indicator via the user equipment.

29. The communication system of Claim 28 wherein the network component is further configured to test the indicator.

30. The communication system of Claim 25 wherein said network component is a service centralization and continuity application server.

What is claimed is:

1. A method for a user equipment (UE), the method comprising:

receiving, at the UE, an initial Session Initiation Protocol (SIP) Invite request, the initial SIP Invite request including a session description protocol (SDP) offer allowing selection, by the UE, between an internet protocol (IP) bearer or a circuit-switched (CS) bearer; and

in response to the initial SIP Invite request, sending a SIP response including an indication that the initial SIP Invite request is not acceptable based on an indication, from a network, of whether an Internet Protocol Multimedia Subsystem (IMS) voice over packet-switched (PS) session is supported and whether a successful non-access stratum (NAS) combined attach procedure has been performed.

2. The method of claim 1, wherein allowing selection between the IP bearer or the CS bearer comprises allowing selection of the IP bearer or the CS bearer for an audio session.

3. The method of claim 1, wherein the SIP response including the indication that the initial SIP Invite request is not acceptable comprises a SIP 606 (Not Acceptable) response.

4. The method of claim 1, wherein the SIP response including the indication that the initial SIP Invite request is not acceptable comprises a SIP 488 response.

5. A user equipment (UE) comprising:

a processor configured to

receive, at the UE, an initial Session Initiation Protocol (SIP) Invite request, the initial SIP Invite request including a session description protocol (SDP) offer allowing selection, by the UE, between an internet protocol (IP) bearer or a circuit-switched (CS) bearer; and

in response to the initial SIP Invite request, send a SIP response including an indication that the initial SIP Invite request is not acceptable based on an indication, from a network, of whether an Internet Protocol Multimedia Subsystem (IMS) voice over packet-switched (PS) session is supported and whether a successful non-access stratum (NAS) combined attach procedure has been performed.

6. The user equipment of claim 5, wherein allowing selection between the IP bearer or the CS bearer comprises allowing selection of the IP bearer or the CS bearer for an audio session.

7. The user equipment of claim 5, wherein the SIP response including the indication that the initial SIP Invite request is not acceptable comprises a SIP 606 (Not Acceptable) response.

8. The user equipment of claim 5, wherein the SIP response including the indication that the initial SIP Invite request is not acceptable comprises a SIP 488 response.