CLAIMS

What is claimed is:

1. A method implemented by a wireless transmit/receive unit (WTRU) for wireless communications, the method comprising:

receiving a first indication indicating information of a group session relocation associated with a group of user sessions, wherein the information of the group session relocation includes a group identifier (GID) and a target edge application server (EAS); and

receiving, responsive to the information of the group session relocation, a second indication indicating an application context relocation procedure on at least one user session of the group of user sessions being completed.

2. The method of claim 1, wherein the first indication is received from an edge group management function (EGMF).

3. The method of claim 1, wherein the information of the group session relocation indicates a start request for the group session relocation.

4. The method of claim 1, wherein the information of the group session relocation includes any of: a user identifier (UID), a list of user session identifiers (USIDs) requiring relocation, a list of user session information, a list of required application context relocation (ACR) execution entities, a selected ACR scenario list, a relocation timeout, and/or a relocation type; and wherein the relocation type includes an ACR or a service continuity planning (SCP).

5. The method of claim 1, wherein the second indication is transmitted to an EGMF.

6. The method of claim 1, wherein the second indication indicates a complete request for the group session relocation.

7. The method of claim 1, further comprising registering for receiving group notifications from an EGMF.

8. The method of claim 1, wherein the user sessions are service sessions.

9. The method of claim 1, further comprising:

sending a group update request to an EGMF; and

receiving a group update response from an EGMF.

10. The method of claim 1, further comprising:

receiving group information from an EGMF;

determining configuration information indicating a group related to a common EAS, a bundle of EASs, or EASs being synchronized; and

maintaining service continuity according to the group information and the configuration information.

11. A wireless transmit/receive unit (WTRU) for wireless communications, comprising circuitry, including a transmitter, a receiver, a processor, and memory, configured to:

receive a first indication indicating information of a group session relocation associated with a group of user sessions, wherein the information of the group session relocation includes a group identifier (GID) and a target edge application server (EAS); and

receive, responsive to the information of the group session relocation, a second indication indicating an application context relocation procedure on at least one user session of the group of user sessions being completed.

12. The WTRU of claim 11, wherein the first indication is received from an edge group management function (EGMF).

13. The WTRU of claim 11, wherein the information of the group session relocation indicates a start request for the group session relocation.

14. The WTRU of claim 11, wherein the information of the group session relocation includes any of: a user identifier (UID), a list of user session identifiers (USIDs) requiring relocation, a list of user session information, a list of required application context relocation (ACR) execution entities, a selected ACR scenario list, a relocation timeout, and/or a relocation type; and wherein the relocation type includes an ACR or a service continuity planning (SCP).

15. The WTRU of claim 11, wherein the second indication is transmitted to an EGMF.

16. The WTRU of claim 11, wherein the second indication indicates a complete request for the group session relocation.

17. The WTRU of claim 11, wherein the WTRU is further configured to register for receiving group notifications from an EGMF.

18. The WTRU of claim 11, wherein the user sessions are service sessions.

19. The WTRU of claim 11, wherein the WTRU is further configured to:
send a group update request to an EGMF; and
receive a group update response from an EGMF.

20. The WTRU of claim 11, wherein the WTRU is further configured to:
receive group information from an EGMF;
determine configuration information indicating a group related to a common EAS, a bundle of EASs, or EASs being synchronized; and
maintain service continuity according to the group information and the configuration information.