2. The method as in claim 1, wherein one of the current cell or the inter-RAT cell is a long term evolution (LTE) cell in an evolved universal terrestrial radio access network (E-UTRAN).

3. The method as in claim 1, wherein one of the current cell or the inter-RAT cell is a wideband code division multiple access (WCDMA) cell.

4. The method as in claim 1, further comprising:

determining to perform quality measurements of the inter-RAT cell associated with the candidate RAT irrespective of a current state of the WTRU on condition that it is determined that the inter-RAT cell associated with the candidate RAT has a higher priority than the current cell associated with the current RAT .

5. The method as in claim 4, wherein the current state of the WTRU comprises a mobility state based on a speed of the WTRU.

6. The method as in claim 1, further comprising reselecting to the inter-RAT cell based on the quality measurement.

7. The method as in claim 6, further comprising performing a location update upon reselecting to the inter-RAT cell.

8. The method as in claim 1, wherein the quality measurements are evaluated periodically based on a time value signaled by an evolved universal terrestrial radio access network (E-UTRAN).

9. The method as in claim 1, wherein the ~~inter-RAT~~ priority information includes frequency information for the inter-RAT cell.