Abstract

In wireless communications of fourth generation the expectation to assimilate a hypothetically numerous heterogeneous wireless technologies are happened under consideration of a novel step toward worldwide smooth access. As the popularity of mobile wireless networks increases as well the challenges of merging a various number of wireless networks increases. Everyone around the world likes to have the best services through best network [11]. Therefore, the aim of NGWNs is to provide a good quality of services between various access networks [24]. To access different networks, there must be a decision algorithm to decide which is the best network for a user for a specific application. This paper presents an Overview of handoff types, handoff process, the criteria involved in VHD, parameters, Existing work on the vertical handoff with comparison tables, Analysis and Various research issues.

References

An Overview of Vertical Handoff Decision Algorithm


- S. Malathy, G. Sudhasadasivam, K. Murugan and S. Lokesh, &quot;Adaptive Slot Allocation And Bandwidth Sharing For Prioritized Handoff Calls In Mobile Networks&quot;,
- T. L. Saaty, &quot;How to make a decision: The Analytic Hierarchy Process&quot;,

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- Vertical Handoff Decision (VHD)
- Next Generation Wireless Networks (NGWNs)
- Horizontal Handoff (HHO)
- Vertical Handoff (VHO).