

## عنوان مقاله:

Assessment of Different Service Discovery Protocols on Mobile Ad-Hoc Networks

## محل انتشار:

چهارمین کنفرانس بین المللی پژوهش در علوم و مهندسی (سال: 1398)

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## خلاصه مقاله:

Ad-hoc network is a set of wireless nodes which can be established anywhere at any time dynamically without using any network infrastructure. Considering ad-hoc networks and their particular requirements, it is necessary to study requirements of mobile nodes on ad-hoc networks. In the current study, different service discovery protocols in mobile ad-hoc networks are studied. 12 different protocols are selected and studied in terms of 5 measures including service discovery (SD) architecture, service information management, search methods, service selection and mobility support methods. Results show that despite studies conducted in this context, most protocols are still in their infancy and they are only evaluated through simulation. A small number of these protocols are simulated and evaluated with a small number of devices. There are methods to improve mobility support using smart methods which employ one or a combination of methods and other methods can also be found to manage mobility

## کلمات کلیدی:

ad-hoc networks, protocol, mobile, service discovery

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/936289>

