

1. Record Nr.	UNISA996280267603316
Titolo	IEEE Std 802.15.8-2017 : IEEE Standard for Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Peer Aware Communications (PAC) / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York : , : IEEE, , [2018]
ISBN	1-5044-4612-7
Descrizione fisica	1 online resource (322 pages)
Disciplina	005.44
Soggetti	Distributed operating systems (Computers)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Physical layer (PHY) and medium access control (MAC) mechanisms are defined in this standard for wireless personal area networks (WPANs) peer aware communications (PAC) optimized for peer-to-peer and infrastructure-less communications with fully distributed coordination. PAC features include discovery for peer information without association, discovery signaling rate typically greater than 100 kb/s, discovery of the number of devices in the network, scalable data transmission rates typically up to 10 Mb/s, group communications with simultaneous membership in multiple groups typically up to 10, relative positioning, security, and operation in selected globally available unlicensed/licensed bands below 11 GHz capable of supporting these requirements.