

ISO/IEC 21558-3:2022-03 (E)

Telecommunications and information exchange between systems - Future network architecture - Part 3: Networking of everything

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Abbreviated terms		3
5 Future Networks — Networking of Everything (FN-NoE)		4
5.1 General.....		4
5.2 Thing-user social networking.....		4
5.3 Thing-user centric communication service.....		5
6 Architecture of FN-NoE		5
6.1 General.....		5
6.2 FN-NoE for thing-user centric communication service.....		7
6.3 Topologies of the FN-NoE.....		8
6.4 Reference model of the FN-NoE.....		9
7 Functional procedure of the FN-NoE		11
7.1 General.....		11
7.2 Thing-user and thing-user social community.....		12
7.3 Organizing and maintaining the thing-user social community.....		14
7.4 Sharing thing-user experiences in the thing-user social community.....		15
7.5 Thing-user manages the subscription and publishing of experiences in the level of cluster and each community tier — Finding the coordinated thing-user.....		15
7.6 Establishing and maintaining the proximal path.....		15
Annex A (informative) FN-NoE thing-user centric communication service		16
Annex B (informative) FN-NoE architecture over RINA (Recursive InterNetwork Architecture) based future networks		18
Bibliography		21