

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910821104203321 |
| Autore | Zhang Rui |
| Titolo | Relation based access control // Rui Zhang |
| Pubbl/distr/stampa | Heidelberg, Germany : , : IOS Press : , : AKA, , 2010 ©2010 |
| ISBN | 1-61499-339-4 |
| Descrizione fisica | 1 online resource (122 p.) |
| Collana | Studies on the Semantic Web, , 1868-1158 ; ; Volume 005 |
| Disciplina | 005.8 |
| Soggetti | Computers - Access control Electronic information resources - Access control Data encryption (Computer science) Computer security |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Title Page; Acknowledgments; Contents; Chapter 1. Introduction; Chapter 2. New Challenges for Access Control; Chapter 3. Access Control Models; Chapter 4. RelBAC Model; Chapter 5. Reasoning in RelBAC; Chapter 6. Other Models in RelBAC; Chapter 7. Lightweight Ontologies for Access Control; Chapter 8. Semantic Matching for Access Control; Chapter 9. Evaluation; Chapter 10. Implementation; Chapter 11. Conclusion; Bibliography |
| Sommario/riassunto | This book describes a new model, Relation Based Access Control (RelBAC) to handle the dynamics with full features of a general sense access control system. It is organized as follows: Chapter 2 analyzes the new challenges of the Web 2.0 such as the great dynamics in subjects, objects and in permissions. Chapter 3 lists existing access control models as the state of the art. Chapter 4 describes the RelBAC model and logic. We show the reasoning power of RelBAC in chapter 5. In Chapter 6, the extendibility of RelBAC is studied. Chapters 7 and 8 show applications of two important techniques of Sem |