

基于关联规则挖掘的口令字典生成技术

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摘要: 为提高口令破解效率, 在获取个人信息后构造针对性强的口令破解字典, 采用关联规则挖掘的方法获取口令设置规则. 针对网络上搜集获取的具有详细用户信息的数据进行拆分, 使用 Apriori 算法挖掘拆分结果得到用户的口令设置规则, 根据挖掘得到的规则针对测试集用户信息生成相应的口令字典, 测试结果表明了该方法的有效性.

关键词: 口令破解, 关联规则, apriori 算法, 用户数据, 属性拆分

Research on Password Dictionary Generation Based on Association Rule Mining

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Abstract: To improve password cracking efficiency, construct targeted password cracking dictionary when getting personal information, the method of association rule mining is adopted to obtain the password setting rules. Split the data collected on the network with detailed user information, use the apriori algorithm to mini the split result to get the user password setting rules. Generate the corresponding password dictionary for the test set user information according to the rules obtained by mining, the test results show the effectiveness of the method.

Key words: password cracking; association rules; apriori algorithm; user data; property split

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