

[illegible]

<b>Name</b>	Cracking Private Key Passphrase
<b>URL</b>	<a href="https://www.attackdefense.com/challengedetails?cid=718">https://www.attackdefense.com/challengedetails?cid=718</a>
<b>Type</b>	Cracking : Protected Files

**Important Note:** This document illustrates all the important steps required to complete this lab. This is by no means a comprehensive step-by-step solution for this exercise. This is only provided as a reference to various commands needed to complete this exercise and for your further research on this topic.

User should try dictionary attack using the provided dictionary file first. If the dictionary attack doesn't succeed, then the user should go for mask based bruteforce approach according to given password policy.

**Note:** Some snapshots are clipped to make them readable. So, screen content will not be an exact match. However, solutions will still match.

**Step 1:** A passphrase protected private key file is given. Extract the crackable information from the file using John the Ripper tools and check file contents

**Command:** `ssh2john id_rsa > hash`

