

1. Convergence

2. When you click the button of Convergence, your browser ignores all CAs and certificates, and it trusts notaries provided by Convergence. Convergence can assure “no single point of failure” which can occur if you use only a trust by CA. Notaries vouch whether the website is secure or not. If you got a warning by one of the notaries, you go to the majority vote, and vote agree or disagree with the warning notary. The website can maintain its trust until no notary assure the website by vote.

3. When you hover the mouse over the form for entering url, firefox normally shows the tool tips saying “Verified by: “CA’s name” Trust Network”. Convergence shows “Verified by: Convergence”.

4.

- A trust decision can be easily revised at any time.
- Individual users have the option of deciding where to another their trust.

5. Convergece controls the web browser not to use CA to check the website is trusted or not.

6. Half: SETEC ASTRONOMY, Other Half: 1992

7. Offline attack because “John the Ripper” is tool to decrypt the data files located at the local environment.

8. Confidentiality and Integrity. The attacker can find the password and intrude the system, then he also can overwrite existing data in the system without a permission.

9.

- The owner should not use a password which is similar to the file name.
- The owner should not use a password which is composed of words in the dictionaries.