Cloud and Privacy Can Be Both

Mencius said: Cake is what I want, and eating-it is also what I want; since I cannot have both, I will give up cake and eat it. The author said: Clouds are what I need, and privacy is also what I need; I can have both, and I can enjoy the cloud services while protecting my privacy.

This is the author's point of view in this article. Users hope to protect their privacy while enjoying the convenience of cloud services. This is the cloud service that conforms to human nature.   The author has never used a certain cloud disk app. Once installed, it automatically synchronizes all the photos in the mobile phone to the cloud, regardless of whether you are willing or not and whether you have personal privacy. It is called convenience for users, but it is actually robbing users of their privacy data. Such a cloud disk will definitely be despised!

Some users may say, there is no other way, now is the cloud era, we cannot live without cloud services. Yes, this is the topic to be discussed in this article - how should the client software/APP be designed so that users can enjoy cloud services while protecting privacy, so that it is the software/APP that users welcome. This article will talk about how ZT Browser can achieve both cloud and privacy.

We have all used different email client software and various cloud email services. Email contents containing a large amount of private information and business secrets are all transmitted to the cloud mailbox in plain text. The plain text stored in the cloud mail server is not only the email content itself, but also the email service includes very important user address books, schedules, work tasks and cloud disks. Let's talk about the protection of these user privacy information first. The address book is synchronized to the cloud, which is of course a user-friendly solution. Now all mobile phone address books and social media apps are handled in this way, and everyone is accustomed to it. Is there a solution that does not expose the user's address book to the cloud service provider, but can enjoy the convenience of the cloud address book? The answer is: Yes! ZT Browser has done it, a solution that can have both cloud and privacy, exclusively provided worldwide by ZoTrus.

How ZT Browser do this? ZT Browser has built-in email client software that can be used to send and receive emails. It also automatically implements email encryption and digital signatures with timestamps, ensuring that every email is encrypted and transmitted to the user's cloud mailbox. It is ciphertext that stored in the cloud mailbox, effectively protecting the entire life cycle of confidential information and private information in each email. What's even more rare is that email encryption technology is used to protect the user's address book. Currently, all email service providers synchronize the address book to the cloud, and the user can use it at any time when logging into the mailbox. The built-in email client of ZT Browser must of course also provide an address book cloud service, so that users can use their address book at any time when logging into their mailbox using any device, rather than only being available locally.

ZoTrus Technology 's innovative solution is that use your email certificate to encrypt your address book like encrypting every email, turn your address book into an encrypted email and save it in your cloud mailbox instead of saving it in ZoTrus cloud server. Users can also decrypt and use the address book seamlessly when logging into their mailbox. This allows users to enjoy the convenience of cloud address books, while ZoTrus Technology, as a client software developer, does not store users' address books in the cloud. This address book is encrypted and saved in the user's cloud mailbox. Only the user can decrypt and use it. The email service provider cannot decrypt the user's address book. Neither the cloud email service provider nor the email encryption service provider (ZoTrus) can access the user's address book. This is how you can have both cloud and privacy. This is ZoTrus Technology's ingenious design to protect user privacy, and it is also the charm of cryptographic technology. It is strongly recommended that users turn off the address book service provided by the email service provider and choose the encrypted address book service provided by ZT Browser to truly protect the confidential information security of their address books.

Not only the address book is designed in this way, but also the schedule, work tasks, and file vaults are designed in this way, all of which encrypt these confidential information with user's email certificates and turn them into an encrypted email and store them safely in the user's mailbox, as an email encryption service provider, ZoTrus Technology does not save these important confidential documents, and the email service provider that saves these confidential files in the mailbox cannot read these confidential information because it cannot decrypt the user's encrypted email. This clever design allows

users to achieve the perfect goal of cloud and privacy.

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The author has published 75 articles in English (more than 95K words) and 186 articles in Chinese (more than 532K characters in total).