



Panel Discussion

Contact Point Between Expanding SaaS Business and Cloud Computing

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GRAND BERRY Provides Client Environment of Cloud Computing Securely

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1 Relations with SaaS business as individual or company.

Moderator:

Please introduce yourself easily. And please introduce about the relations to SaaS which is a theme of the panel. Each about 2 or 3 minutes, please.

Yano:

My name is Yano from Applied Electronics Corporation. I will talk from the client side because our company is manufacturer of operating system for the client.

<Introduction>

First of all, I'd like to talk to you about our corporation. Our businesses are the production of operating system "GRAND BERRY" based on Linux for commercial use and the sales. Our corporation established more than 20 years ago, however just 2 years has passed since we established as an operating system manufacturer. We have some famous software engineers in the world. And we receive an evaluation as an operating system manufacturer of next generation networks system especially in Japan which is positive to broadband capability and an advanced nation.



<Relation with SaaS>

I will talk about SaaS business. According to the report of research institutes such as Gartner or IDC, it is described that concern of Company in introducing the service provided by Cloud Computing, is the vulnerability on the security side and the operation side.

For example, the privileged user who administrates the system should be managed, and checked physically and regularly because the confidentiality of the data in the company is very high. In SaaS, since there is a privilege user only in the vendor side, it is going to be necessary to monitor and control the vendor side.

This thing is a problem of the server side in Cloud Computing. And in the client side, it is also indispensable to protect confidentiality. I think that I will do the operation in various places with the progress of mobile broadband in the future. In that case, user authentication of the client should be made a multi-element authentication, and it is required that others never use the same account. All the more, because its operation is in the remote place, the multi-element authentication that combines fingerprint authentication or one-time-password with the user's password, is to be necessary at any case, I think.

Moreover, such scenes as people carry PC outside or use PC in the house is increasing. Even if the PC is lost or stolen in those cases, I think that it is necessary for the company to make the PC a thin client for the purpose of preventing the information leakage. At our company, we have developed the OS for clients which can respond also to Cloud Computing in such a viewpoint.



<About GRAND BERRY>

I will describe the product of our company only a little.

Especially, our product corresponds to high-speed data communication terminals of all 5 mobile carriers in Japan. The strong point of our product GRAND BERRY is able to correspond to the chip set of the main manufacturers in the world by Linux. Correspondence to LTE (Long Term Evolution) that will achieve making to the business in NTT Docomo next year is scheduled, too.

VPN system that encrypts the communication circuit between the client and the server, corresponds widely to major remote access VPN system such as F5 networks, Juniper, Citrix, Cisco, Mitsubishi Materials, and PPTP. The expansion of the correspondence system is scheduled in the future. The breadth of correspondence to the high speed data-communications terminal, the earliness of the correspondence to the new chip set, and the width of the correspondence to remote access VPN are the major features of GRAND BERRY.

Finally, as a road map of GRAND BERRY, it offers suitable platform of the client side in the Cloud Computing ages such as correspondence to high-speed wireless broadband, expansion of authentication technology and a profile function, etc.



2 SaaS is seen in an opposite position.

Moderator:

The position connected with SaaS...What is an unclear part of SaaS when seeing from the client side?

Yano:

As I told you, issues felt by a user introducing Cloud Computing are security, performance, availability, and trouble when in-house IT system is united with it. In such situation, I think user authentication and prevention of information leakage are needed as the security measure on the client side.

3 What an engineer and an architect should consider.

Moderator:

Who is considered that it should carry out what in order to offer provide those advantages to a user certainly, when use of SaaS and Cloud became possible simultaneously? Is it an engineer, an architect, or user?

Yano:

I think that an architect's importance increases. Our company wants to keep offering suitable platform of the client side as an architect of the client side system in the Cloud Computing age.

4 Final.

Moderator:

Thank you very much. Finally, please give a message to people regarded to introduce SaaS and Cloud Computing from you.

Yano:

I am pleased if you can try GRAND BERRY as a client by all means.