

Podcast

Threats From Inside and Out: Best Practices for Information Security

Hello and welcome to another Alcatel-Lucent Podcast. My name is Jason Lopez, executive editor of PodTech.net and today I'm going to switch gears and talk about how companies can safeguard against information security breaches and the role service orientated architecture plays within that. I myself do not claim to be an expert however I had the opportunity to be a fly on the wall during a recent webinar with experts on this very topic. Let me share a few highlights of the session.

The traditional approach to securing applications and organizations has been to build a perimeter, effectively similar to a 12th century model of building a wall around the castle.

Unfortunately, organizations today are so dependent on their partners, their suppliers, contractors, external consultants and of course on keeping in touch with their clients and their customers, that building walls around enterprises is becoming increasingly difficult.

Security in the environment of SOAs requires new ways of thinking because the perimeter is eroded. The application itself is turned inside-out and it exposes the soft underbelly. The application attacks are potentially much worse and they've consistently been moving up the stack for several years now.

That was Andreas Antonopoulos, Senior Vice President and Founding Partner of Nemertes Research. He spearheaded the discussion and as you just heard he spoke about the security challenges associated with a Services Oriented Architecture.

Next to speak was Dutta Satadip of HP. Here's what he had to say about SOA governance.

SOA governance is an integral part of ensuring good security practices are built in and communicated across the organizational boundaries. We've really seen that the value of automated SOA governance truly drives trust and control throughout the lifecycle of a service. And, as more and more organizations are adopting SOA, they tend to be in a more heterogeneous environment and therefore having a platform-neutral SOA governance solution helps adoption across different organizational boundaries. And, at the end of the day, the main goal of SOA governance is to empower the entire service lifecycle.

Finally participants heard from Dr. Clifford Grossner, of Alcatel Lucent. He addressed concerns of SOA compliance and offered up a few industry best practices before all three experts engaged in a lively panel discussion and addressed participants' questions.



So, what do we mean by compliance? Well, for me compliance is everything that happens at runtime, i.e., the services are instantiated in an execution infrastructure and they need to run.

...we have to start with the business outcome we desire, define the services we need to create, and also write the policy around how those services can be used by different individuals.

And, the way I like to look at it ... is what we're really doing is ensuring that design intent and the creation of an SOA is properly enforced in runtime.

Now if all of this sounds interesting and you'd like to hear more about the latest techniques for using data productively without reducing its value by locking it away, I encourage all of you to listen to the Replay now available or visit www.alcatel-lucent.com/enterprise/security/webinar for more information.

