Authentication and Access Control for Cloud Security

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Abstract:
Businesses and organizations are rapidly adopting applications in the Cloud. Applications such as expense management, customer relationship management, and accounting are moving from on-premise applications to multi-tenant applications running outside the enterprise perimeter. This transformation in Information Technology is primarily driven by economics -- licensing costs, on-going management costs and rapid time to market. However, the stampede to the cloud has left open big security holes in the cloud infrastructure.

Our talk will address Cloud security from the perspective of Authentication and Access Control. It will describe the existing security technologies in these areas and cover these from an industry perspective. We will discuss application authentication, cross-domain authorization and fine-grain access management and identity management in the Cloud. Finally, we will cover the problem of "Cloud Data Federation" that is addressed by CloudTrust's solution.

About the Speaker:
Lina Pandey is the Founder and CEO of CloudTrust Inc. Lina has held Engineering and Management roles at Sun Microsystems, Motorola Inc. and Synopsys, before founding CloudTrust Inc. as a CMU spinoff. At Sun, she led efforts to develop and migrate applications to Sun's Grid Engine, the precursor to today's Cloud Computing infrastructure. Lina has a Master's degree from CMU in ECE and an MBA from the Wharton School, University of Pennsylvania.