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Entrust PKI: Data Encryption in Transit at Sandia

Tuesday, 13 May 2008 15:30 (40 minutes)

Data encryption is becoming more and more important as we rely on E-mail, mobile computing and Blackberrys to move sensitive data around the labs and the world. Sandia National Laboratories is one of 7 DOE PKI CA sites and provides Entrust services to over 6,200 users and looking to expand that to over 10,000. Sandia is currently using Entrust Desktop Solutions (EDS) 7 and planning to migrate to Entrust Security Provider (ESP) 8. This presentation will cover testing with the new ESP 8, inoperability with the old client, and migration from V1 to V2 digital IDs. Other issues that will be covered include architecture, lessons learned, Blackberry S/MIME integration, and testing. Some of the major issues with Blackberrys include directory issues with multiple CA sites and large CRL files. This presentation will review other options including OCSP and Entrust Messaging server. Finally, the talk will go over PKI integration with 2-factor and the new HSPD12 badge.

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