Keynote Talk

“Identity & Context for a Changing World”

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Abstract
This talk presents how an Identity Enabled, Policy Based, Context Aware - Composition of Federated Content and Services will be the basis for addressing service delivery in a “Changing World”. Context STARTS with a User (and his/her identity) and a sub-context;

- Task or Enterprise Context (user’s activity/activities as an employee, doctor, citizen, etc.)
- Social Context (friends, family, mentor, coach, redskin fan, etc.)
- Personal (physical and mental attributes about a user)
- Spatial-Temporal or Mobility Context (attributes such as time, location, movement, calendar, etc.)
- Environmental Context (users surrounding - including entities, such as others, devices, etc.)

Therefore an Extensible and Flexible Identity System, can handle any type of a “Construct of Credentials for a Given Context as the Identity of an Individual for a given use case”, support several hundred mechanisms associated with Authentication, support various mechanisms of Access Control and Authorization (including ABAC), support multiple Service types – including multi-media (regardless of the underlying technology - .Net, JEE, etc.), multiple content types, document types and more. Beyond AuthN Context and AuthZ/Security Context, other Intelligence about the User (Attributes) is critical to address contextual delivery of service – since the context is ever changing (including: Identity & Authentication Assurance Levels, Reputation Ratings, Attribute Aggregation and Analysis, Risk Ratings, Trust Attributes, and more). This Keynote is based on the 3rd book in the series on Identity - “Identity & Context”, published in 2009.

Categories and Subject Descriptors
D.0 GENERAL; H.m MISCELLANEOUS

General Terms

Keywords
Context, Identity, Policy

Bio
Rakesh Radhakrishnan is the Chief Identity Architect and Lead Technologist in the Communications Market Area of Sun. He has covered Telecom Companies, Network Equipment Providers (NEP), Independent Software Vendors (ISV) and Service Provider accounts in Europe, Canada, USA and Latin America. He has over 15 years of experience and has an MBA (MIS) and MS (MIT). He is also the FAM Product Lead for the Software Sales Organization, in Sun. He is an active member of Customer Engineering Council (CEC) and was the Chairman of a Working Group on Container Alignment Engine (CAE patent received from Europe and US) and the patent on STAR. He also has Defensive Disclosures on Correlated Identity.

He has published more than 50 papers on IT Architectures (Frameworks, Process and Techniques) and is a frequent speaker at conferences and events including IDTrust, ITU, DIDW, OMG, ACM, CMG, IRM, TOG, Stanford University and Oxford University, etc. He has led multiple Architecture Workshops and Architecture Assessments for IT Consolidation and Network Identity projects. He was recently featured on Officer Outlook for his work on Aligning Architectural Approaches (Sun's WS-Incite Award for 2005). He is the recipient of the "Above and Beyond" award from the Sun/Nortel team in 2007 and also the "Outstanding Contributor Award" from SEI. He was selected as a "Stellar Volunteer" - amongst 25 such volunteers from Sun Celebrating 25 years.

Rakesh is also certified by The Open Group (on TOGAF 8), SEI (as a SW Architect) and OGC (Prince 2 and ITIL). He has Green Belt Six Sigma training. He is ECCSE (Enterprise Computing Certified Systems Engineer -Competency 2000- from Sun) and a Systems Architect Pro (from Peoplesoft). He is the Author of the Book titled "Identity and Security" and its sequel "Identity and Policy" (2008). His blog can be found at http://www.network-identity.com

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