

## Automated Security Management of the 3rd Platform and Next Generation Data Centers using SPECS

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Abstract: The IT industry is currently experiencing a paradigm shift towards the 3rd Platform. Built on the integration of mobile, social networking, cloud (including data center) and big data environments, the 3rd Platform is poised to drive innovation and growth in the marketplace. One of the major challenges today is in providing security and data protection within cloud and data center environments. These challenges will be further exacerbated within the 3rd Platform. A significant challenge in providing security within the 3rd Platform will be attaining a degree of confidence that the security configuration adequately addresses the (security) threats. A misconfiguration may result in unapproved access, the denial of approved access or inadequate mitigation of threats to the 3P environment. This presentation will discuss the role that SPECS can play in enabling automated SLA-driven security configuration management within the 3rd Platform with a particular emphasis on the Next Generation Data Center.