A proposal of a SWIM registry in brazil

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Abstract

The System Wide Information Management (SWIM) consists of standards, infrastructure and governance enabling the management of air traffic information and services. The SWIM registry is crucial to improve interoperability in SWIM since it behaves as a central repository for services and service related information. SESAR (Europe) and NextGen (USA) embraced SWIM for modernizing their Air Traffic Management programs. In Brazil, the SWIM ecosystem and the SWIM registry are at an early stage of development. This work presents a review of the main concepts of SWIM and introduces an architecture for a SWIM registry in a Brazilian scenario.

**Keywords**: System Wide Information Management, Air Traffic Management, SWIM, SWIM Registry, interoperable services.