InscribOS

About Us

OutSys

OutSys delivers innovative carrier-grade solutions and services to implement, simplify, and speed up the integration, provisioning, management, and testing processes in the Broadband Service Providers Networks and their Information Technology Systems

Active Member of the Broadband-Forum

InscribOS
IP Address and VLAN Tag Management

InscribOS is part of the Broadband Providers Network's IT Systems Solutions Portfolio

Introduction

OutSys InscribOS IP Address Management (IPAM) & VLAN Tag Management (VLTM) plans, allocates, tracks, and manages the IP and VLAN spaces within a Broadband Service Provider’s Network

Specialization

While IP Addresses and VLANs are always the same information bits, handling and optimizing their spaces efficiently for a whole Broadband Network is remarkably different from doing it for a Data Center

Designed for BSPs

Instead of being yet another passable generic IPAM, InscribOS was expressly tailored, designed, and developed to fulfill consistently and thoroughly any specific Broadband Service Provider's Infrastructure requirements

Critical Environments

IPAM & VLTM services, in such environment, are highly critical processes, where downtime and disruptions are never viable options

Resiliency

InscribOS is a Carrier-Grade solution, natively providing high availability for its Front/Back-ends, with an integral Multi-Hosting capability for geographical redundancy

Integration 1/2

The Broadband Service Provider's ICT infrastructure is a complex, fragmented, multilayered ecosystem composed of several frameworks such as Support Systems, Inventory Managers, Orchestrators, Actuators, etc.

Integration 2/2

InscribOS features push-and-pull API-REST and WEB-HOOKS standard, flexible, extensible, and secure interfaces to integrate seamlessly into such an intricate surrounding

RIRs Interaction

The same robust interfaces provide straightforward connection means to the Regional Internet Registries for automatic updates and reporting

Fast

Speed is not usually associated with IPAM services, but having a low response latency is essential when interacting with other systems

InscribOS can handle effortlessly hundreds of transactions per second

Security and Delegation

InscribOS built-in hierarchical granular multi-tenant design allows supervised IP Address and VLAN Tag spaces management delegation within the Broadband Service Provider's departments or even with external partners such as Wholesale Buyers

Smart Automatic Assignment

InscribOS can assign bulk or individual IP Addresses and VLAN Tags using rule matching criteria to defined spaces, allowing their fully automatic orderly allocation

Cloud & Container Ready

The whole solution is Cloud and Container Ready to simplify its flexible, fast, and easy deployment in any setting

Contacts

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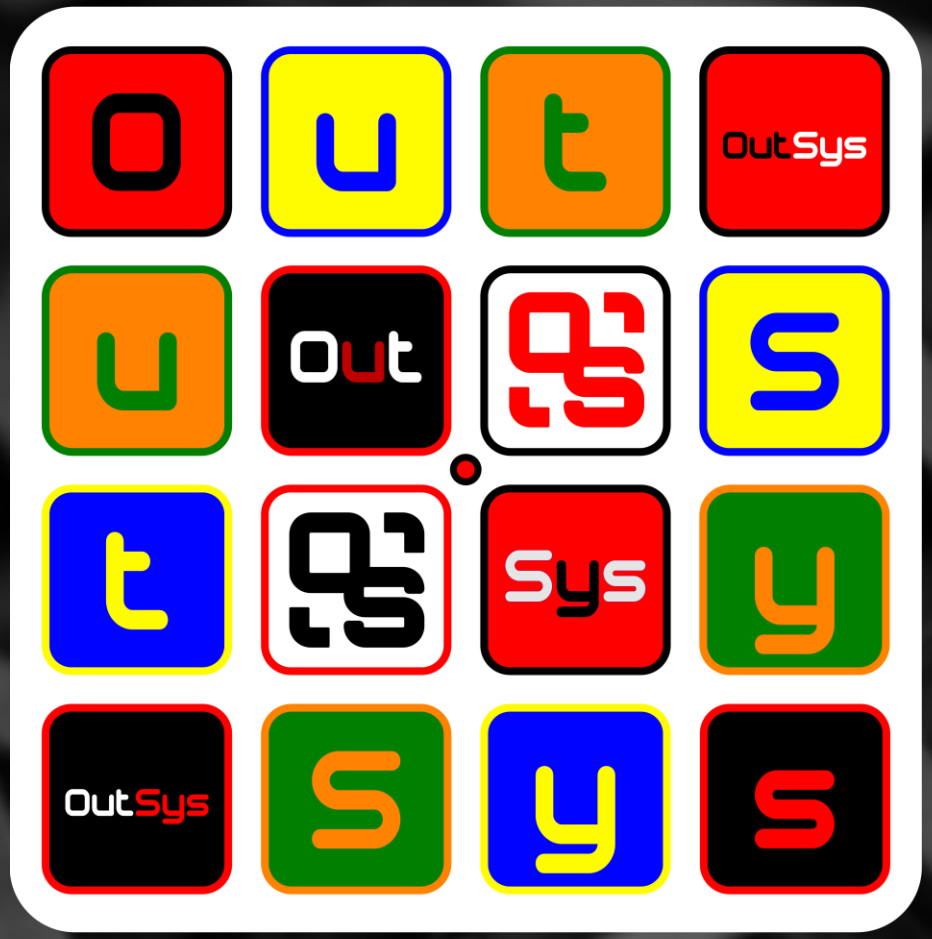
Thank You