

INSYNC AUTOMATION ENGINE

Automated configuration back-up & network health check

Businesses today are heavily disrupted by innovative business models and new entrances. In order to keep up with pace, businesses require to respond to customer needs immediately whilst ensuring operational efficiencies. This is where technology can support businesses to become agile, efficient and responsive. With the rapid transformation of business models, network automation is embraced globally by organizations to efficiently run their routine operations, change management and NetDevOps practices.

InSync automation engine offers solutions across network lifecycle that helps businesses improve its efficiency, build capacity and manageability. It's a vendor agnostic platform that communicates with network devices for the purpose of automating manual tasks such as provisioning, management and health-checks.

Maintaining a repository of updated network configurations of all devices in a network environment is a best-case practice under ITIL service asset and configuration management. However manually taking regular backups on a periodic basis is a tedious routine task which often brings inaccuracies and productivity loss. This is where network automation can help with automated back-ups to ensure updated configuration files that represent recent changes are available and any changes to network configurations are detected for documentation purpose.

Benefits of automated configuration back-up

- Maintenance of a repository of updated configurations of all devices for compliance and troubleshooting purpose
- Ability to roll-back and restore configuration files with the latest working configuration or with a master configuration file
- Ability to detect configuration or state deviations
- Productivity increase and minimized human error

Key features of the solution

- Web Based Configuration Management
- Role based access for admin & read only
- Configurable per device schedules for configuration backups
- SSH based and future upgradable for API based access
- View/Download configurations
- Secure device credential storage
- Comparison of configurations, state & inventory for change detection
- Customizable dashboards
- E-mail alerts

In addition to above benefits, platform is fully customizable and upgradable to support future network automation use-cases.

System pre-requisites

Operating System: CentOS/Red Hat
Memory: 8GB
CPU: 4 Core
Hard Disk: 100 GB

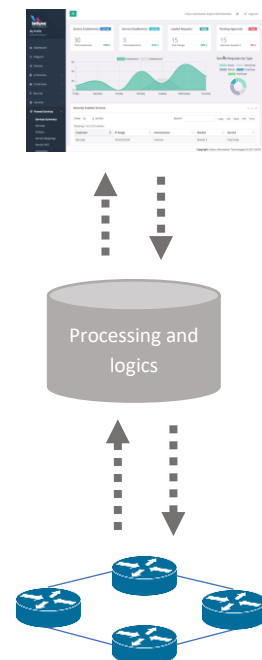


Figure 1: INSYNC AUTOMATION ENGINE