tekVizion 360: Webex for BroadWorks Automation

Overview

- tekVizion's automation platform provides continuous and automated testing of **Webex for BroadWorks** by reducing manual workload and emulating actions of an end user.
- As modern SaaS solutions, like Webex, continue to evolve, Service Providers (SPs) need the proper tools to successfully adopt CI/CD and adapt their approach to software lifecycle with continuous testing (CT).
- Our automation leverages the latest technologies including Robotic Process Automation to simulate the exact user interaction on the Webex clients to automate the full functional testing with agility and scalability.
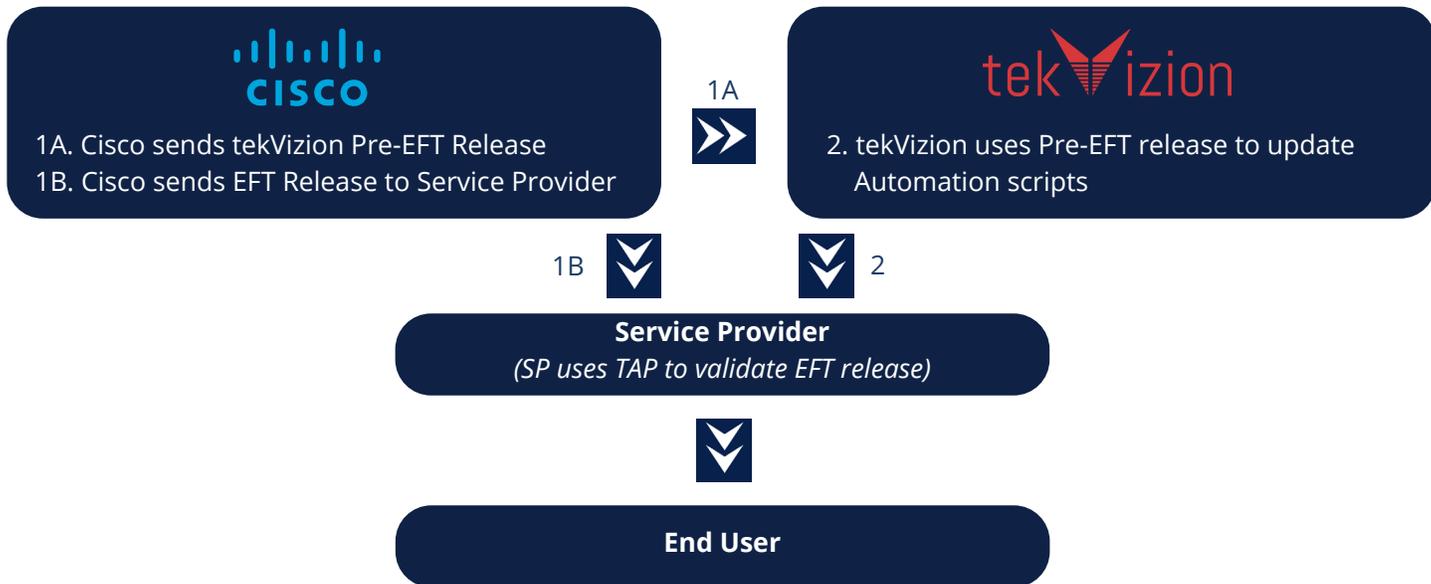
Webex for BroadWorks Challenges

1. Every Webex For BroadWorks deployment requires testing in SPs' unique networks to ensure E2E quality
2. Monthly updates entail continuous testing like any modern SaaS solution
3. Manual testing cannot scale
4. No ability to rollback so thorough testing upfront is essential

The Solution

- Automated BroadWorks calling on Webex Client
- Uses remote process automation tools to continuously execute a suite of automated tests simulating exact actions of end users
- Aligns with Cisco EFT to pre-test monthly to ensure automation is up to date
- Currently supports Windows; Android and iOS support by Summer 2021

How It Works

CISCO

1A. Cisco sends tekVizion Pre-EFT Release
1B. Cisco sends EFT Release to Service Provider

1A ⏩

tekVizion

2. tekVizion uses Pre-EFT release to update Automation scripts

1B ⏬   2 ⏬

Service Provider
(SP uses TAP to validate EFT release)

⏬

End User

Automation Platform Benefits

1. Discover network issues and resolve any emerging issues with speed and precision.
2. Gain a competitive edge by accelerating innovation and end-to-end verification of networks and devices.
3. Simulate and validate workflows, automate lifecycle management, configuration validation, and 3rd party application integration.
4. Ensure the stability of services after BroadWorks patching and version upgrades.

Reach out to us at info@tekvizion.com to request a demo.