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TEST PLAN AND ACCEPTANCE RECORD

Test plan for SDD-AUT-001 against the requirements and failure conditions of SRA-AUT-001

Test document — plan complete; results are recorded at acceptance

CAPABILITY	DOCUMENT	VERSION	DATE
Automation	STP-AUT-001	1.2	Oct 10, 2026

WRITTEN BY

Mark Winston, Principal Network Architect

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What this document is. The proof half of the set. Every requirement row and every failure condition in the architecture has a test here with a method, a pass criterion and an evidence item to capture. The results columns are filled at acceptance. When they are filled from a build, SRA-AUT-001 §7 gets its validation and the architecture becomes a validated architecture. Structure: test objectives, results summary and validated devices, as in the validation chapters of Juniper's JVD, Nutanix NVD-2031 §8 (test plan) and Dell H19686.1 §5 (superseded by H19686.2).

Document control

Document	STP-AUT-001	Version	1.2
Issued	Oct 10, 2026	Status	Issued by Symbeeo
Classification	Public	Supersedes	1.1, Oct 7, 2026
Capability	Automation	Author	Mark Winston
Role	Principal Network Architect		
Tests	SRA-AUT-001 R2–R15 and F1, F2, F4–F10 (F3 not tested separately: it fails closed the same way T16 proves) SDD-AUT-001 cut-over steps 1, 4 and 6 (T1, T22, T23; step 8 is §4 of this record) encryption and log delivery (T24–T25)		
Credentials	CCIE, CISSP, CCSP, CCISO, CISM, Adopting Zero Trust (Forrester)		
Approval	Approved by Edwin Ozer, Founder, Oct 10, 2026. Issued by Symbeeo, Oct 10, 2026.		
Sign-off	"The customer's named acceptor signs the results; the practice lead countersigns. Acceptance = every T-case marked pass or waived with a reason."		

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Table 1. Revision history

Date	Version	Change
Sep 27, 2026	1.0	First issue.
Oct 7, 2026	1.1	Reissued with the practice set; no change.
Oct 10, 2026	1.2	Approval line now reads: approved by the Founder, issued by Symbeeo. Mark Winston remains the author.

1 · Scope, environment, entry and exit

Scope. Source of truth, pipeline, execution and rollback, telemetry and drift, event-driven runbooks, AI-assistant boundary, secrets and audit, for a typical buyer of SDD-AUT-001. **Environment.** Symbeeo staging and virtual lab for T2–T8; the client's estate for T1 and T9 onward, standard changes only, inside agreed windows. **Entry criteria.** SDD-AUT-001 signed; prerequisites P1–P8 closed; platform software baseline recorded. **Exit criteria.** Every T-case pass or waived with a written reason and the client's initials; evidence archive handed over.

Evidence captured for every case. Pipeline run ID, job ID or log extract with timestamp; component name and software version; tester's initials; and the item named in the case's Evidence produced column. The Result and Evidence ref columns stay empty until the case runs. **Failover tests** are T15 (executor) and T19 (collector), each timed; encryption is proved by T24 and log delivery to the client's collector by T25.

2 · Test cases

Table 2. Test cases

ID	Tests	Method	Pass criterion	Evidence produced	Result	Evidence ref	Date · initials
T1	R2 source of truth	run discovery across all management subnets; compare with source-of-truth records	zero devices found without a record	discovery export and record diff (log extract)	☐ pass ☐ fail		
T2	R3 version control	attempt a merge with author as reviewer; attempt a merge without a change reference	both refused	screenshot of both refusals	☐ pass ☐ fail		
T3	R4 model check	submit a change that removes a route required by a baseline reachability question	pipeline fails at stage 3; nothing deployed	pipeline log extract, stage 3	☐ pass ☐ fail		
T4	R15 virtual lab	submit a new template with a deliberate error	pipeline fails at stage 4	pipeline log extract, stage 4	☐ pass ☐ fail		
T5	R14 provenance	inspect the artifact of a passing run; tamper with it and redeploy	build record present; tampered artifact refused	build record; log extract of the refusal	☐ pass ☐ fail		
T6	R12 secrets	read job definitions and repositories for stored credentials; read a job token's lifetime	no stored credential; token expires ≤ job end + 15 min	secrets-scan report; token issue and expiry log extract	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence produced	Result	Evidence ref	Date · initials
T7	R11 AI boundary	ask the assistant to change a VLAN	no write; a merge request is opened for a named reviewer	assistant transcript; screenshot of the merge request	☐ pass ☐ fail		
T8	R10 approval	submit a normal change with no ITSM approval	stops at stage 6	pipeline log extract, stage 6	☐ pass ☐ fail		
T9	R5 transactional apply	push a change set with one invalid line to a model-driven device	whole set rejected; running configuration unchanged	device commit log extract; running configuration before and after	☐ pass ☐ fail		
T10	R6 rollback	apply a standard change to 20 devices, then roll back	all 20 back to prior state ≤ 15 min	per-device quality record (name, serial, OS, rollback result) × 20; rollback timing	☐ pass ☐ fail		
T11	R7 drift	change one interface description by hand on a device	drift reported ≤ 15 min	drift report with change and report timestamps	☐ pass ☐ fail		
T12	R8 telemetry	shut a test interface; read collector timestamps	on-change update received; counters ≤ 30 s interval	collector log extract with timestamps	☐ pass ☐ fail		
T13	R9 event runbook	trigger the interface-flap rule on a test port	runbook starts ≤ 60 s after the event	rules-engine log extract: event and runbook-start times	☐ pass ☐ fail		
T14	R13 audit	attempt to delete an audit record with platform administrator rights	refused; record intact with actor, target, time, change, result; retention setting ≥ 13 months	log extract of the refusal; screenshot of the intact record; screenshot of the retention setting	☐ pass ☐ fail		
T15	F1 executor node down	power off one executor during a queued job	job completes on a surviving node	failover timing: job log across both executor nodes	☐ pass ☐ fail		
T16	F2 source of truth down	stop the source of truth; submit a change	pipeline fails closed; no deployment	pipeline log extract	☐ pass ☐ fail		
T17	F4 partial push	block access to 1 of 10 target devices mid-change	change set rolled back on all 10 ≤ 15 min	per-device quality record × 10; rollback timing	☐ pass ☐ fail		
T18	F5 bad change after validation	apply a change that passes stage 3 but fails the post-change health check [A]	auto-rollback ≤ 15 min	health-check log extract; rollback timing	☐ pass ☐ fail		
T19	F6 collector down	stop one collector	second collector continues; heartbeat alarm raised	failover timing; screenshot of the heartbeat alarm	☐ pass ☐ fail		
T20	F7 / F8 event storm and loop	replay 1,000 events in 60 s; create a runbook that contradicts intent	dampening applied; circuit breaker trips after 3 runs / h	rules-engine log extract; circuit-breaker trip record	☐ pass ☐ fail		
T21	F9 secrets broker down	stop the broker; run a job; use break-glass over OOB	job fails closed; console reachable via OOB	job failure log extract; OOB console session log	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence produced	Result	Evidence ref	Date · initials
T22	cut-over step 4	first standard change at branch 1 and its rollback	change and rollback each within window, no outage	change and rollback records with timings	☐ pass ☐ fail		
T23	cut-over step 6	switch one rule from notify-only to act mode and back	mode change takes effect; no unintended action	rules-engine log extract of both mode changes	☐ pass ☐ fail		
T24	encryption in transit and at rest	capture executor-to-device and collector traffic for 1 h; attempt a cleartext management session; read the storage settings of the source-of-truth database and backups, IaC state, secrets broker and audit store	every management session over SSH (NETCONF) or TLS (gNMI, APIs); cleartext session refused; every store encrypted at rest	packet-capture extract; screenshot of each store's encryption setting	☐ pass ☐ fail		
T25	security logs reach the client's collector (R13)	run one job, one failed sign-in, one refused merge and one assistant call; search the client's collector	all four events present in the client's collector with actor, target, time and result ≤ 5 min after the event [A]	screenshot of the collector search with timestamps	☐ pass ☐ fail		

3 · Validated components and versions (filled at test)

Every component and every test tool is recorded with its exact version at the time of test.

Table 3. Validated components and versions (filled at test)

Component	Option in use	Software and exact version	Instance	Validated in
Source of truth				T1, T16
Git and CI				T2–T5, T8
Validation model				T3, T18
Virtual lab				T4
Executor				T9, T10, T15, T17
Collectors and metrics				T11, T12, T19
Rules engine and event bus				T13, T20, T23
Secrets broker				T6, T21
AI connector				T7
Audit store and client's collector				T14, T25
Managed devices, one row per model and OS				T1, T9–T12, T17, T22, T24

Test tools [A]. Tool classes are fixed here; the product and exact version are written in at test.

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Table 4. Validated components and versions (filled at test)

Tool	Used for	Product	Exact version	Used in
Discovery scanner	management-subnet sweep			T1
gNMI / NETCONF client	direct device reads outside the platform			T9, T12
Packet capture	management-plane capture			T24
Event replay generator	1,000 events in 60 s			T20
Reference clock	timing of rollback, failover and runbook start (NTP-synchronized)			T10, T13, T15, T17–T19

4 · Acceptance record

Acceptance terms.

- Acceptance is **positive and signed** by the client's named acceptor below. It is never given by silence, by use of the platform, or by the end of a review window.
- The client has a **review window of 10 business days [A]** from delivery of the results and evidence archive. Any case the client fails in that window enters a **fix window of 10 business days [A]**, followed by **one re-review** of the fixed cases.
- **The warranty starts on the date of signed acceptance.**

The 10 and 10 are defaults drawn from the 5–30-day range in public contracts [A]; they are set per contract.

Table 5. Acceptance record

	Name	Role	Signature	Date
Client acceptor				
Symbeeo test lead				
Symbeeo practice lead				

Waivers: F3 (Git service down), waived at plan stage because it fails closed the same way T16 proves, to be initialed by the client at acceptance. Open defects are recorded at acceptance.

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Figures are as published by their sources on the dates given in this document; figures marked [A] are assumptions.

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