TEST PLAN AND ACCEPTANCE RECORD

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

Test document — plan complete; results are recorded at acceptance

CAPABILITY	DOCUMENT	VERSION	DATE
Data Center	STP-DC-001	1.4	Oct 10, 2026

WRITTEN BY

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Document control

Document	STP-DC-001	Version	1.4
Issued	Oct 10, 2026	Status	Issued by Symbeeo
Classification	Public	Supersedes	1.3, Oct 7, 2026
Capability	Data Center	Author	Steve Phillips
Role	Principal Data Center Architect		
Tests	SRA-DC-001 v1.3 R1, R3–R14 and F1–F6 (R2 is measured over the service period, SRA-DC-001 §8) SDD-DC-001 migration steps 1–5 (step 3 as T16 repeated per group)		
Credentials	CCSP, CCIE, AWS Certified Security – Specialty		
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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> CONVENTIONS
>
> Structure follows Nutanix NVD-2031 §8 (test plan for exactly this design) and Nutanix RA-2006 §4–5 (performance verification configuration, then performance testing). Results are recorded at acceptance. Versions follow the 2026 technology review in SRA-DC-001 §9.2 (read Sep 24, 2026).

Table 1. Revision history

Date	Version	Change
Sep 15, 2026	1.0	First issue.
Sep 21, 2026	1.1	Corrections to wording, figure numbering and citations.
Sep 27, 2026	1.2	Revised to current platform versions and the current document format.
Oct 7, 2026	1.3	Reissued with the practice set; no change.
Oct 10, 2026	1.4	Approval line now reads: approved by the Founder, issued by Symbeeo. Steve Phillips remains the author.

1 · Scope, environment, entry and exit

Scope. Both pods, management plane, storage, replication, DR, self-service, security baseline. **Environment.** Pod B first (SDD-DC-001 step 1), pod A later; DR tests need both. **Entry.** SDD-DC-001 signed; P1–P7 closed; platform decided (VMware: Stay or Leave). **Exit.** Every T-case pass or waived; DR drill record handed to the client for the regulator.

2 · Test cases

Table 2. Test cases

ID	Tests	Method	Pass criterion	Evidence it produces	Result	Evidence ref	Date · initials
T1	R5, R6, R7, R8, R9 cluster build	build each cluster at 4 nodes minimum on the decided hypervisor	cluster healthy; all nodes joined	per-device quality record (serial, firmware, BIOS, result); cluster health screenshot	☐ pass ☐ fail		
T2	R10 management plane	dual Prism Central per pod or VCF management domain; AD login; AD-group RBAC	two admins with different groups see different rights	screenshots of both admins' views; AD group export	☐ pass ☐ fail		
T3	R12 security baseline	run the hardening checklist; CA-signed certificates; checksum verification	100 % of items pass; no self-signed certificate	hardening checklist output; certificate chain screenshot per endpoint	☐ pass ☐ fail		
T4	R13 monitoring	raise a test alert	alert reaches the staffed mailbox ≤ 5 min	alert log extract with timestamps; mailbox receipt screenshot	☐ pass ☐ fail		
T5	R11 self-service	request one VM of each size through the catalog	three VMs provisioned to spec without admin action	catalog request log; VM spec screenshots	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence it produces	Result	Evidence ref	Date · initials
T6	R14 software baseline	record versions on every node and management VM	every node and management VM at or above the SRA-DC-001 R14 baseline — AOS 7.5+, AHV 11.0+, Prism Central pc.7.5+ on the AHV path; VCF 9.1.1+ on the ESX path	version report per node and management VM (log extract)	☐ pass ☐ fail		
T7	storage performance	RA-2006-style verification: 4K random and 64K sequential from 8 VMs	meets the sizing sheet's IOPS and MB/s [A]	load-tool output files (IOPS, MB/s, latency)	☐ pass ☐ fail		
T8	F1 node down	power off one application node under load	VMs restart on survivors ≤ 5 min; rebuild completes	failover timing (power-off to last VM up); HA event log extract	☐ pass ☐ fail		
T9	F2 disk down	pull one NVMe under load	no VM impact; rebuild completes	rebuild log extract with start and end times	☐ pass ☐ fail		
T10	F3 ToR down	power off one ToR	no VM impact	failover timing; VM ping log across the ToR loss	☐ pass ☐ fail		
T11	R1, R3 replication RPO	replicate production VMs pod A → B at a 15-minute RPO for 24 h under production load: NearSync on the AHV path; vSphere Replication, enhanced replication, RPO set to 15 min per VM, on the ESX path (SDD-DC-001 §4.4)	age of the latest recovery point at pod B ≤ 15 min at every sample, sampled at least every 5 min for 24 h [A]; no RPO violation reported for any protected VM	replication log extract showing recovery-point age per sample; on the ESX path the vSphere Replication status per VM with the time of its latest instance and any RPO-violation events	☐ pass ☐ fail		
T12	R4 failover RTO	run the recovery plan for one application group to pod B	group running at pod B ≤ 2 h; record kept	failover timing; recovery-plan run report	☐ pass ☐ fail		
T13	R1, F6 pod lost	isolate pod A entirely; run full recovery plan	all protected groups running at pod B ≤ RTO; failback tested	failover and failback timings; recovery-plan run report; DR drill record for the regulator	☐ pass ☐ fail		
T14	F4 management cluster down	power off management nodes	workloads keep running; management restored ≤ RTO	workload ping log; management restore timing	☐ pass ☐ fail		
T15	F5 replication link down	shut the DCI	RPO grows, alert raised; resumes on restore without data loss	alert log extract; replication resume log	☐ pass ☐ fail		
T16	migration step 3	migrate first application group; fail back	both directions ≤ window; no data loss	migration log both directions; timings; data checksum before and after	☐ pass ☐ fail		

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ID	Tests	Method	Pass criterion	Evidence it produces	Result	Evidence ref	Date · initials
T17	backup and restore	back up one VM, delete it, restore from long-term retention at pod B	restored VM boots; data intact	backup job log; restore log; data checksum before and after	☐ pass ☐ fail		
T18	R12 encryption at rest	check platform encryption is on for every cluster, keys held in the client's key manager; attempt to read one removed drive	encryption reported on for 100 % of clusters; key manager shows the keys; removed drive unreadable	encryption status screenshot per cluster; key manager log extract	☐ pass ☐ fail		
T19	R12 encryption in transit	capture management and replication traffic between pods	no management or replication payload in clear text; TLS on every management endpoint	packet-capture extract; TLS scan output per endpoint	☐ pass ☐ fail		
T20	R12 security logs to the collector	generate a failed login and a policy-deviation event on each platform component	both events arrive at the client's collector over TLS ≤ 5 min [A]	collector search screenshot with timestamps; syslog TLS configuration extract	☐ pass ☐ fail		

3 · Validated components and versions (filled at test)

Every device and software component with its exact version, and every test tool with its version. Minimum versions are SRA-DC-001 R14; the exact versions are recorded at test.

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

Item	Minimum / choice	Exact version at test
Server model and firmware	Dell R7725 or HPE DL380 Gen12 (D2)	
Hypervisor and version	AHV 11.0+ or ESX in VCF 9.1.1+ (D1)	
Management plane version	Prism Central pc.7.5+ or VCF 9.1.1+ management domain	
Node counts per cluster	SDD-DC-001 §3.1	
Replication method and schedule	NearSync (AHV) or vSphere Replication with enhanced replication, 15-min RPO (ESX); SDD-DC-001 §4.4	
Storage software	AOS 7.5+ or vSAN ESA in VCF 9.1.1+	
Server BIOS and BMC (iDRAC or iLO 7)	vendor's current release at test	
NVMe drive model and firmware	per node, from the quality record (T1)	
NIC model, firmware and driver	per node	
ToR switch model and OS	SRA-NET-001	
OOB switch model and OS	SRA-NET-001	

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Item	Minimum / choice	Exact version at test
Key manager product and version	client's [A]	
Log collector product and version	client's [A]	
Test tool · storage load (T7)	RA-2006-style load tool [A]	
Test tool · packet capture (T19)	[A]	
Test tool · TLS scanner (T19)	[A]	
Test tool · time source for timings	NTP-synchronized clock on all components	

4 · Acceptance record

Terms.

- Acceptance is positive and signed by the client's named acceptor below. Silence is never acceptance.
- The client has a review window of 10 business days from delivery of the results [A].
- Any failed case has a fix window of 10 business days [A], followed by one re-review.
- The warranty starts on the date of signed acceptance.

The 10-day windows are defaults from the 5–30-day range in public contracts, marked [A]; the Founder can set others.

Table 4. Acceptance record

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

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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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