SAP Basis Technical Health Check

A repeatable framework for assessing operational health and prioritizing technical risks.

1 DISCOVER
Scope, landscape, symptoms and authorized evidence.

2 ASSESS
Review system, database, connectivity and monitoring signals.

3 PRIORITIZE
Separate critical, warning and improvement items.

4 DELIVER
Findings register, remediation actions and validation plan.

Technical coverage matrix

Area	What is reviewed	Typical evidence
System availability	Instances, work processes, startup status, enqueue/message services	SM51, SM50/SM66, system logs
Runtime errors & logs	ABAP dumps, system logs, recurring technical errors	ST22, SM21, dev traces
Jobs, locks & spool	Failed/long-running jobs, lock build-up, spool health	SM37, SM12, SP01/SPAD
HANA health	Services, memory, data/log usage, backup status	HANA Cockpit/Studio, SQL views
Filesystem capacity	sapmnt, trans, interfaces, HANA data/log/backup paths	OS usage and growth trend
Connectivity	RFC, HTTP(S), ICF and Web Dispatcher reachability	SM59, SICF, ICM/Web Dispatcher traces
Security plumbing	SSL certificates, trust chains, SAML/SSO technical flow	STRUST, SAML2, IAS metadata/logs
Monitoring	Alert coverage, notifications and missing operational signals	SAP Cloud ALM / SolMan

Example output

CRITICAL Backup chain or filesystem condition needs immediate action.

WARNING Recurring job, memory or certificate issue requires planned remediation.

IMPROVEMENT Monitoring, housekeeping or documentation can be strengthened.