TECHNICAL SYSTEMS INTEGRATORS
INTEGRATE | AUTOMATE | INNOVATE

TSI Quartermaster

Lab visibility. Device control. Evidence-based triage.

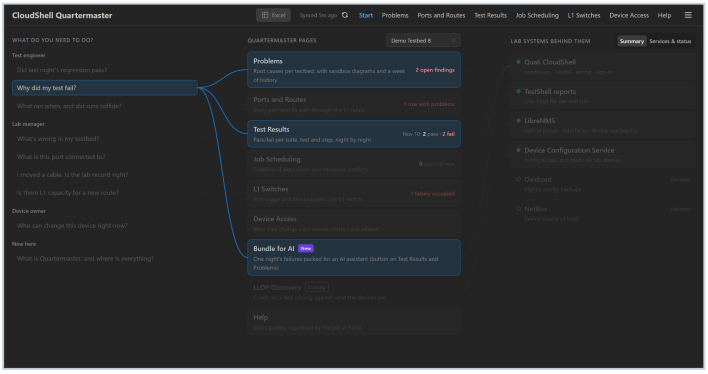
PURPOSE-BUILT FOR CloudShell

SEE THE LAB. CONTROL THE CHANGE. TRACE THE CAUSE.

From a lab question to connected evidence

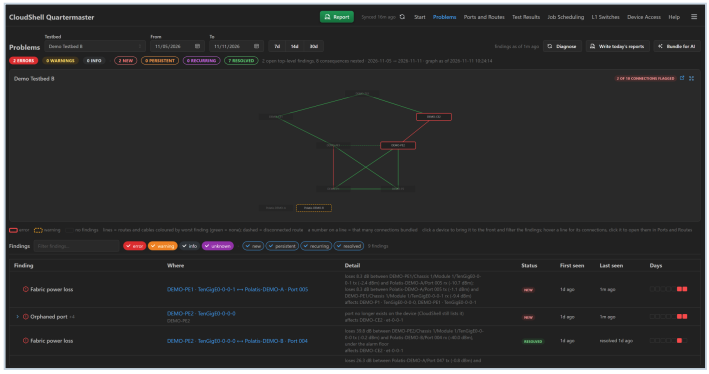
TSI Quartermaster connects CloudShell lab state, TestShell execution evidence and monitoring. Trace findings and physical paths, govern device changes, and view sandbox context through the CloudShell Portal add-on.

Start with the job at hand



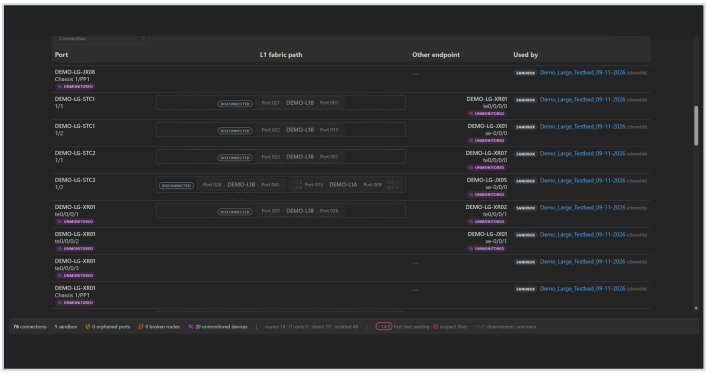
Start maps lab questions to pages and services. Set a default testbed for Ports and Routes, Problems and Device Access; clear Include to see the whole lab.

See causes and consequences



Problems links testbed diagrams to findings, status and recurrence. Select 7-, 14- or 30-day windows; use Report, Write today's reports or Bundle for AI.

Trace ports, fabric paths and ownership



Include/Exclude filters, problem badges and endpoint context expose the connection story. Live optical readings and monitoring state sit alongside the route.

Inspect L1 capacity and blocked ports



L1 Switches exposes free, connected, routed, trunk and falsely occupied ports, with a fabric diagram and port-level status for capacity decisions.

ONE LAB PICTURE

CloudShell + TestShell reports + LibreNMS monitoring + Device Configuration Service

TSI Quartermaster

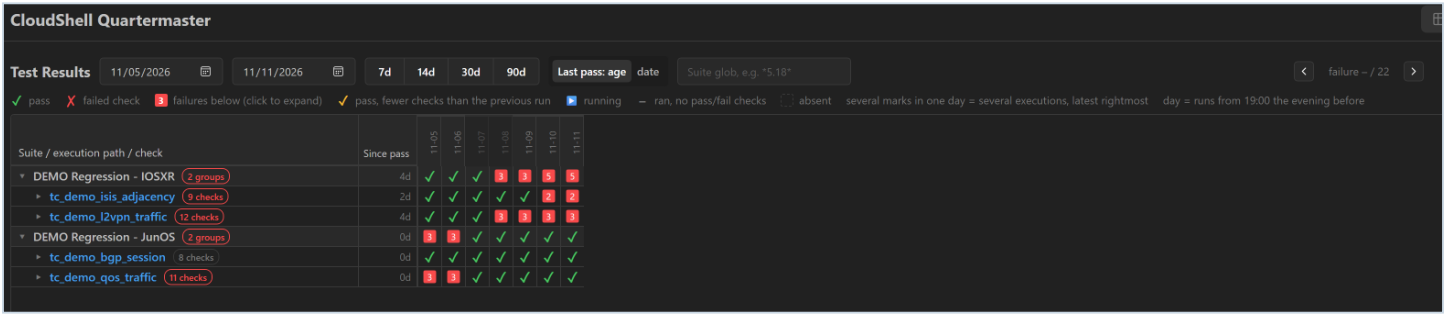
Execution evidence and device governance

PURPOSE-BUILT FOR CloudShell

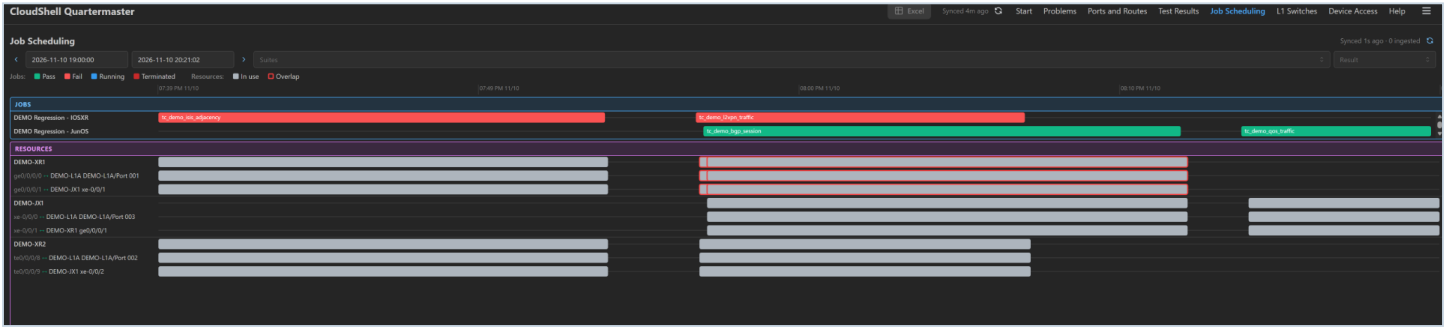
GOVERNED CHANGES. TRACEABLE FINDINGS. ENGINEER-REVIEWED AI.

See the run. Govern the change.

Use test evidence and resource overlap to investigate the nightly, then apply device governance and a scoped AI handoff.



TEST RESULTS Suite, test and check history; 7 / 14 / 30 / 90-day controls; last-pass age or date and suite filtering.



JOB SCHEDULING Time-aligned executions and resource lanes expose overlaps. Result states and resource conflict outlines support contention analysis.

Device control with clear ownership

The DCS coordinates golden nightly claims, human maintenance and leased test sessions. Device Access restricts local configuration rights, permits named exceptions and records the initiator.

CloudShell sign-in attributes access changes; reading needs no account. Golden-pointer undo leaves the device untouched. After a failed change, fix the cause, reconcile and retry.

Bundle evidence for approved AI

Bundle for AI packages one suite execution with failures, report steps, topology, findings, traffic and a timeline. Failures retain 14 regression days of verdict history. Engineers validate ranked, cited clusters.

Refresh topology and confirm report availability. Unzip, paste prompt.md and attach evidence to approved AI; README.md records scope and trims.

PLANNED AND ROADMAP

Planned: LLDP cabling discovery, Oxidized nightly backups and NetBox integration. Conflict-aware scheduling and in-UI test-failure clustering are roadmap items. Availability depends on deployment.