Diagnose Squad Workshop mismatches and modded-map failures

A Squad server can appear online while a modded map fails to load or players disconnect during joining. Distinguish incomplete content downloads, incompatible releases and rotation mistakes before changing networking or reinstalling anything.

Capture one reproducible failure

1. Record the server ID, affected Workshop item IDs, selected layer and the exact connection time.
2. Compare the server and client game builds. Note when Steam last completed each mod download.
3. Keep the server startup output and the affected client's error. Preserve the first relevant message rather than only the final timeout.
4. Save the current rotation and configuration, alongside your known working versions, before changing the mod set.

Use each mod author's page in the Squad Workshop to check release notes, required items and known compatibility limits. A shared display name does not prove two installations contain the same package release.

Interpret where the failure occurs

The server never reaches the intended map: check the selected layer against the author's exact identifier and confirm the relevant Workshop package completed its server-side installation. A missing layer points toward content or rotation; a later client timeout is not the primary error.

Everyone fails after a mod update: compare the downloaded server content with the release expected by clients, including dependencies. Wait for any active download to finish before another clean start. Do not repeatedly restart into a partially updated package set.

Only one player fails: compare that player's game build, required subscriptions and completed downloads with a working client. Keep unrelated client changes out of the initial test. A client-specific fault does not justify replacing the server files.

Account for game fixes as well as mod fixes

Offworld's 10.5.3 hotfix notes describe a historical checksum problem that let outdated mods go undetected and caused network-object errors and disconnects. They also describe corrected mod-related crashes. This is evidence that ambiguous connection errors can involve game/content compatibility, not evidence that every current error is that fixed bug.

Check the release notes for the game version actually installed and the mod author's matching update. Avoid declaring a package compatible just because it worked before an engine or game update. Keep the exact versions in your support report.

Test a controlled comparison

Use a separate test instance with a known working standard layer and no unrelated extensions. Confirm it can start and accept a prepared client. Add the affected mod with its documented dependencies and one known-valid layer, then repeat the connection test. Compare the first new error between those attempts.

If a standard layer works but the modded one fails, focus on the content and layer requirements. If both fail, widen the investigation to the game build, service status and allocation. Do not disable host firewalls or expose administration ports as a shortcut.

Recover without discarding evidence

Return to the saved working rotation if you need to restore availability while investigating. Keep the failed configuration and logs archived. If an extension stores persistent progress, retain its matching data checkpoint before rolling back package versions.

Send CloudExa the item IDs, build comparison, first error and minimal test result. Ask before changing download paths or loader mechanisms on a hosted template; a generic filesystem recipe may target a different layout.

Related: Squad listing and failed-join checks and backup preparation.

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