Microsoft Agents League – Certification Prep Architecture (V3.1 Clean, V2 Style)

Policy & Safety Guardrails (cross-cutting): PII minimization • harmful-content filtering • anti-cheating • human escalation

Student Input
Topics • Exam • Time • Preferences

Learner Intake & Profiling
(state captured)

Preparation Orchestrator
(central brain)

fan-out

Learning Path Planner
(merged agent)

fan-out

Study Plan & Engagement Generator
(merged agent)

Preparation Output Artifact
Plan + Resources + Milestones

trace

Assessment Build   metrics   one-way   **Tiered Verifier + Repair Loop**   validated only   **Scoring Engine (deterministic)**

trace

metrics

replan loop

Decision Policy
(isolated thresholds)

3. De   **Ready? Gateway**   metrics   Yes   **Certification Planner**   No   **Remediation Replanner**

trace

metrics

Reasoning Trace Log
(explainability)

trace export

Evaluation Harness & Observability
(passive, no control arrows)