**Document: 16 – DoR / DoD (Definition of Ready / Definition of Done)**

**Project:** MCPX-KendoBridge Admin Portal  
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**Document Control**

| **Version** | **Date** | **Author** | **Change Summary** | **Status** |
| --- | --- | --- | --- | --- |
| 1.0.0 | 2025-09-26 | Doc-Factory | Initial DoR/DoD checklist | Draft |
| 1.1.0 | 2025-09-27 | Program Management | Align to MSAL PKCE, Kendo Fluent 2, SP-only DAL, SSE SLOs, Evidence Pack | Draft |

**Approvals**

| **Role/Team** | **Name** | **Signature/Date** | **Comment** |
| --- | --- | --- | --- |
| Director of Software Eng. |  |  |  |
| Systems Architect |  |  |  |
| DevSecOps / SRE |  |  |  |
| Security / Compliance |  |  |  |
| QA Lead |  |  |  |

**1) Purpose & Scope**

This document defines **entry** (Ready) and **exit** (Done) criteria for:

* **User Stories / Tasks**
* **Epics**
* **Release Promotions** (Alpha → Beta → RTM → Prod)

It ensures each increment is implementable, testable, secure, compliant, and observable, with auditable evidence.

**2) DoR — User Story / Task (all must be true)**

**A. Clarity & Traceability**

* ☐ Story has **clear objective** and acceptance criteria; links to **UC / FR / NFR**.
* ☐ Dependencies identified (API endpoints, SPs, feature flags, tokens, configs).
* ☐ Any blocking ADRs or approvals listed (security, DB, access).

**B. Design & UX**

* ☐ Figma frame(s) referenced by route name; **component mapping to KendoReact Fluent 2** is specified.
* ☐ ThemeBuilder tokens to be used are identified (no hard-coded colors/sizes).

**C. Architecture & Contracts**

* ☐ OpenAPI path(s) defined or updated (status codes, error envelope).
* ☐ DB impact documented: **SP-only** contracts; **add-only** schema; migration stub named.

**D. Security & Privacy**

* ☐ RBAC behavior defined (Portal.Admin / Portal.Viewer).
* ☐ CORS behavior defined; rate-limit class (JSON/SSE) identified.
* ☐ No secrets in code; config keys are **non-secret** or point to secret store.

**E. Testability**

* ☐ Test plan notes unit / component / contract / E2E (+ negative cases).
* ☐ Perf need called out (e.g., SSE TTFB, p95 latency) with thresholds.
* ☐ A11y expectations noted (keyboard path, labels, contrast).

**F. Operability**

* ☐ Logging fields & metrics to emit (requestId/jobId/latency/heartbeat) specified.
* ☐ Monitoring widgets/alerts impact noted (if any).

**G. Done Definition Stubs**

* ☐ “Evidence to collect” listed (reports, signatures, screenshots, SBOM slice, etc.).
* ☐ Story sized and groomed; team capacity confirmed.

**3) DoD — User Story / Task (all must be true)**

**A. Code & Build**

* ☐ Implementation merged; **KendoReact Fluent 2 only** (no shadcn/Radix).
* ☐ MSAL PKCE flows honored for any auth path; UI hides unauthorized actions, server enforces RBAC.
* ☐ API uses **error envelope** consistently; no secrets returned.
* ☐ DB access via **stored procedures only**; migrations follow **add-only** rules.

**B. Tests**

* ☐ Unit & component tests pass; contract tests align with OpenAPI.
* ☐ E2E (Playwright) exercised for happy & negative paths (403/429/CORS).
* ☐ A11y (axe) **0 critical**.
* ☐ If SSE involved: verified **TTFB ≤ 200 ms** and **heartbeat ≤ 10 s** (local/dev profile).

**C. Quality Gates (CI)**

* ☐ Lint/format passed; **CodeQL / Dependency Review / Secret Scan** green.
* ☐ OpenAPI lint/diff green (or waiver recorded).
* ☐ SBOM generated.

**D. Observability**

* ☐ Logs include requestId (and jobId where applicable).
* ☐ Metrics added/updated (latency histos, SSE counters).
* ☐ Dashboards/widgets updated if new SLI/SLO affected.

**E. Docs & Evidence**

* ☐ FR/UX/Context updated as needed.
* ☐ **DocX→MD mirror** reflects changes.
* ☐ Story-level evidence attached (screenshots, test outputs, perf snippet).

**F. Review & Handover**

* ☐ Code review approvals received; risk notes captured.
* ☐ Runbooks updated if operational behavior changed.

**4) DoR — Epic (all must be true)**

* ☐ Epic decomposed into groomed stories with DoR met.
* ☐ Architecture impact reviewed; ADRs drafted/approved.
* ☐ OpenAPI coverage enumerated; breaking-change strategy (versioning) defined.
* ☐ DB plan: new **SP signatures** sketched; grants impact noted.
* ☐ Security review done (RBAC, CORS, rate-limit, error taxonomy).
* ☐ Monitoring additions defined (metrics, dashboards, alerts).
* ☐ Rollout/flag plan and fallback defined.

**5) DoD — Epic (all must be true)**

* ☐ All stories meet Story DoD; **Epic demo** complete.
* ☐ OpenAPI diff is non-breaking (or waivers documented); artifacts ready.
* ☐ **SPs implemented**; **EXECUTE-only** grants merged; **signature snapshot** captured.
* ☐ SSE SLOs verified where applicable (TTFB/heartbeat).
* ☐ Dashboards & alerts live; runbooks updated.
* ☐ Epic section added to release notes; risks & follow-ups logged.

**6) Promotion Gates — Release Level**

**6.1 Alpha → Beta (must pass all)**

* ☐ CI green: build/tests, OpenAPI lint/diff, CodeQL, Dependency Review, Secret Scan.
* ☐ A11y axe 0 critical.
* ☐ Evidence Pack: build/test reports, OpenAPI diff, SBOM, scanners, **docs mirror** + **TREE.md** present.

**6.2 Beta → RTM (all above +)**

* ☐ Perf smoke executed (k6 SSE TTFB if applicable) within thresholds.
* ☐ DB migrations & **SP signature snapshot** produced.
* ☐ Monitoring dashboards created/updated; alert policies committed.

**6.3 RTM → Prod (all above +)**

* ☐ **Config parity = 0 critical diffs** (intended Prod vs RTM effective).
* ☐ Readiness stable; no alert storms; on-call sign-off.
* ☐ Approvals recorded (protected environment rules).

**7) Quick Checklists (copy into PRs)**

**7.1 Story DoR (paste in description)**

* ACs linked to UC/FR/NFR
* Figma → Kendo map noted; tokens identified
* OpenAPI endpoints & responses listed
* SP-only plan / migration name
* RBAC/CORS/rate-limit behavior
* Test plan (unit/component/contract/E2E/a11y/perf)
* Logs/metrics to emit
* Evidence to attach

**7.2 Story DoD (paste in checklist)**

* Kendo Fluent 2 only; MSAL PKCE where applicable
* Unit/comp/contract/E2E green; axe 0 critical
* OpenAPI diff green/waived; SBOM + scanners green
* SSE SLOs met (if used)
* Logs/metrics added; dashboards updated (if needed)
* Docs updated; DocX→MD mirror ok
* Evidence attached; reviewers approved

**7.3 Release Gate (PR to promote)**

* Evidence Pack complete (see 12)
* Perf smoke attached
* SP signature snapshot attached
* Parity report attached (RTM only)
* Approvals recorded

**8) Non-Negotiables (apply everywhere)**

* **SP-only DAL**; **add-only** schema; audit on all mutations.
* **Error envelope** for all errors (code/message/details?/requestId).
* **CORS allow-list** per env; deny by default.
* **Rate limiting** enforced; **429 + Retry-After** when breached.
* **No secrets in code or /config/effective**.
* **KendoReact Fluent 2** as the only production UI library.
* **MSAL PKCE** for SSO; server-side RBAC authoritative.
* **SSE budgets**: **TTFB ≤ 200 ms**, **heartbeat ≤ 10 s**.

**9) Roles & Ownership (who enforces)**

| **Area** | **Accountable** | **Responsible** |
| --- | --- | --- |
| DoR quality | PM | DL / SA / UX / QA |
| DoD enforcement | DoSE | DL / QA / SRE |
| Security gates | SEC | DL / SA / SRE |
| DB contracts | SA | DBA |
| Evidence Pack | DoSE | SRE |
| Release gates | DoSE | RM |

**10) Acceptance Criteria (Document)**

* Checklists adopted in PR templates.
* CI validates presence of required artifacts at each gate.
* Evidence Pack includes **signature snapshot**, **perf smoke**, **parity** where applicable.
* DoR/DoD reviewed quarterly and updated via ADR if practices change.

**End of Document — TJ-MCPX-DOC-16 v1.1.0**