

DCC Migration: Study → Build One■Pager (Tracker)

9 build■blocks mapped to your 60■day plan. Tick the boxes as you complete each block.

#	Build■Block & Key Tasks	Study Days	Key Links	Done
1	Architecture & Domain Boundaries (DDD) <ul style="list-style-type: none">• Bounded contexts, context map, ACL• Strangler-Fig seams & routing• Sync vs async; BFFs	W1 D1–D5; W5 D30–D32	D1 Microservices (Fowler) D3 Bounded Context D32 Strangler Fig	■
2	API■First Contracts & Gateways <ul style="list-style-type: none">• REST design, OpenAPI contracts• OAuth2/OIDC/JWT; rate limiting• API Gateway; BFFs; governance	W2 D8–D13; W5 D34	D9 OpenAPI Spec D11 OAuth2 D12 API Gateway pattern	■
3	Platform (Kubernetes) & Service Mesh <ul style="list-style-type: none">• Istio/Linkerd, mTLS, traffic policy• Ingress, health probes, scaling• RBAC/PodSecurity/NetworkPolicy	W3 D15–D21; W4 D22–D28	D15 Service Mesh (Istio) D19 Istio Traffic Mgmt D22 K8s Basics	■
4	Data, Messaging & Consistency <ul style="list-style-type: none">• EDA with Kafka; DLQ & replay• Sagas, CQRS (read models)• Outbox + CDC; schema registry	W5 D29–D31 (+Outbox/CDC module)	D29 Kafka Docs D30 Saga Pattern D31 CQRS (Fowler)	■
5	Observability (SRE■grade) <ul style="list-style-type: none">• OpenTelemetry: traces/metrics/logs• Correlation IDs; RED/USE• SLOs with burn■rate alerts	W3 D20; W7 D48	D20 OpenTelemetry D48 Chaos Principles	■
6	Security & Compliance (Zero Trust) <ul style="list-style-type: none">• mTLS; RBAC/ABAC; WAF• Secrets via KMS/Vault; OWASP API Top■10• Data residency; maker■checker; audit	W6 D36–D42	D37 Istio Security D38 OWASP API Top■10 D40 Vault Docs	■
7	Delivery: CI/CD & GitOps <ul style="list-style-type: none">• SBOM & image scanning; signed images• Argo CD GitOps; progressive delivery• Rollback automation	W7 D46–D47	D46 CI/CD (Red Hat) D47 Argo CD	■
8	Resilience & Chaos Engineering <ul style="list-style-type: none">• Timeouts, retries (backoff+jitter)• Circuit breakers; bulkheads• Fault injection; capacity tests	W3 D18; W7 D48	D18 Circuit Breaker D48 Chaos Principles	■
9	Cloud■Native & Interview Readiness <ul style="list-style-type: none">• CNCF landscape literacy• Cloud API gateways (AWS/GCP/Azure)• System■design & STAR practice	W7 D43–D45; W8 D50–D60	D43 CNCF Landscape D45 AWS API Gateway D50 System■Design Guide	■

Tip: Use this as your program tracker. Each link points to the Day X resource in your study plan.