**Phase 7: Integration & External Access**

**1. Named Credentials**

* Store authentication settings for external services.
* Setup → Named Credentials → New → Enter URL, Identity Type, Authentication Protocol → Save.

**2. External Services**

* Connect Salesforce to external APIs using OpenAPI or Apex.
* Setup → External Services → New External Service → Select Named Credential → Import Schema → Save.

**3. Web Services (REST/SOAP)**

* Expose or consume services via REST/SOAP APIs.
* Setup → Apex Classes → @RestResource(urlMapping='/...') → Deploy.
* Example: Call external REST API using HttpRequest, HttpResponse.

**4. Callouts**

* Make outbound requests from Apex to external systems.
* Setup → Remote Site Settings → New → Enter endpoint URL → Save.

**5. Platform Events**

* Publish/subscribe model for asynchronous communication within Salesforce or external apps.
* Setup → Platform Events → New → Define Fields → Deploy.
* Subscribe via Process Builder, Flow, or Apex Trigger.

**6. Change Data Capture**

* Capture record changes in real-time for integration purposes.
* Setup → Change Data Capture → Select Objects → Enable → Subscribe via Flow or External System.

**7. Salesforce Connect**

* Access external data as if it’s in Salesforce using External Objects.
* Setup → External Data Sources → New → Define Type (OData, etc.) → Validate & Sync → External Objects Created.

**8. API Limits**

* Monitor daily API calls and usage.
* Setup → System Overview → API Usage.

**9. OAuth & Authentication**

* Manage OAuth flows for connected apps.
* Setup → App Manager → New Connected App → Enable OAuth Settings → Define Scopes → Save & Verify.

**10. Remote Site Settings**

* Allow Salesforce to call external endpoints.
* Setup → Remote Site Settings → New → Enter URL → Save.