ID Cards - Initial Super App Integration

Feature 🔗

https://rally1.rallydev.com/#/?detail=/portfolioitem/feature/823877886771&fdp=true
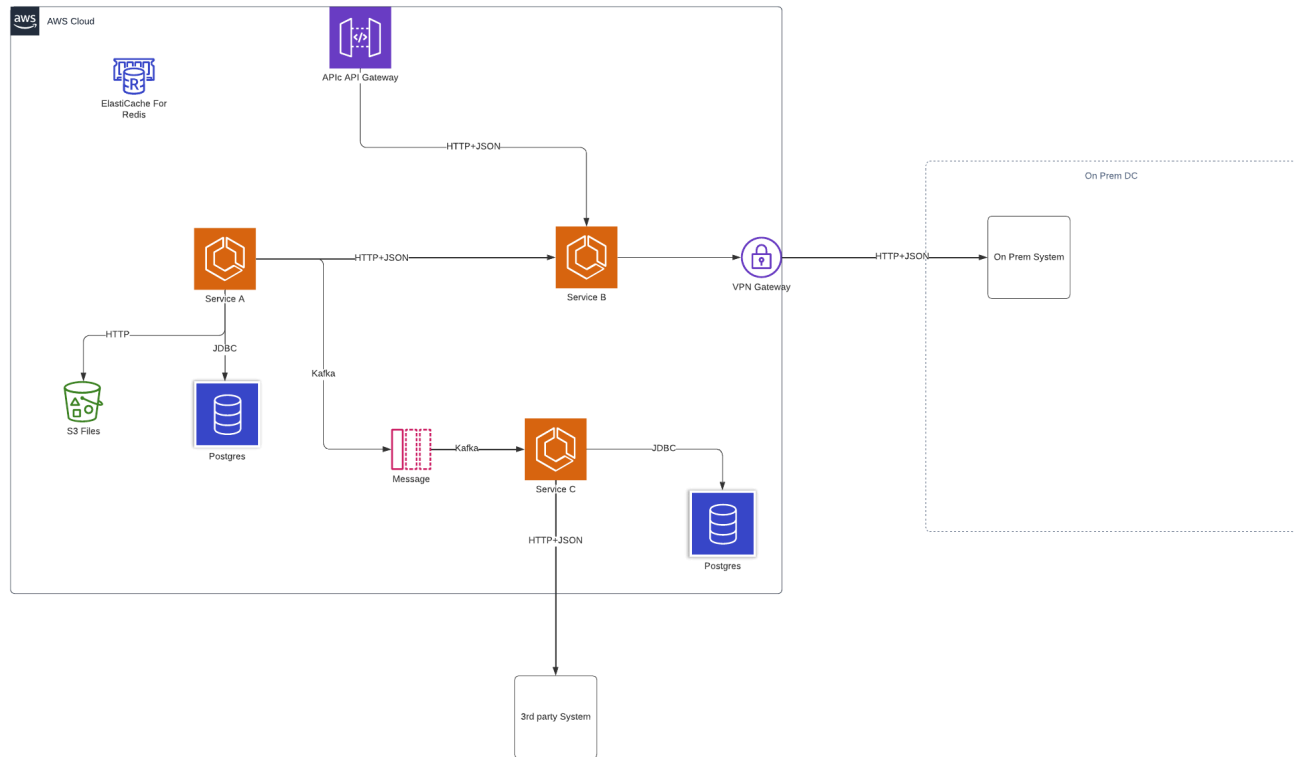
Summary 🔗

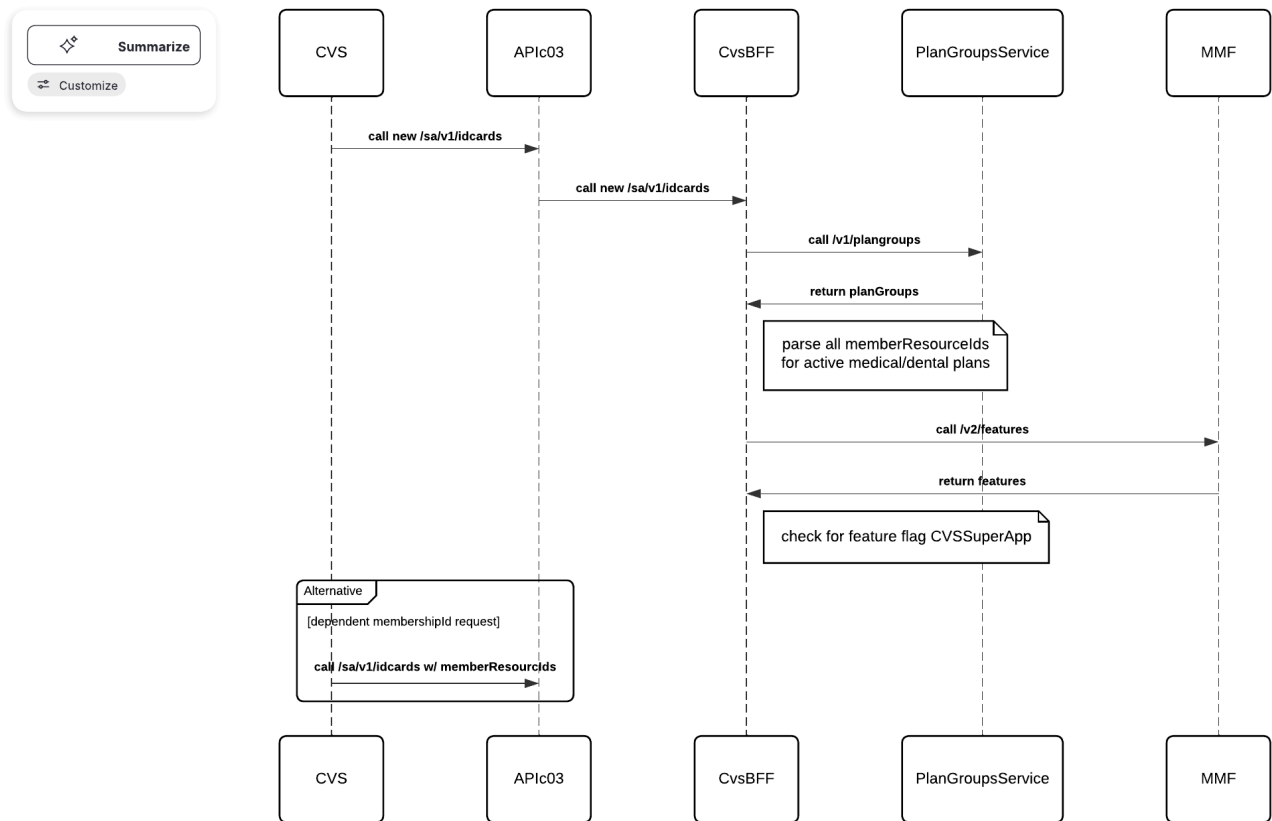*Brief summary of the requirements and solution (or solution options).*

Could link out to any documentation from analysts or PMs.

Solution Sketch 🔗

SuperApp - ID Cards

AWS Cloud

ElastiCache For Redis

APIc API Gateway

HTTP+JSON

Service A

HTTP+JSON

Service B

VPN Gateway

HTTP+JSON

On Prem DC

On Prem System

HTTP

JDBC

S3 Files

Postgres

Kafka

Message

Kafka

Service C

JDBC

Postgres

HTTP+JSON

3rd party System

Web Sequence Diagram 🔗

Adapted from GitHub user JMBarbier

APIs/Swagger 🔗

https://apiforge.cvshealth.com/apis/editor/Microservices/ah-superapp-idcards/1.0.0

NFR 🔗

Performance Testing Results:

-Requested peformance test of Id Card list and details API on 6/17/2025. Update TBD

Rate Limit Updates:

Consumer	API	current volume	OE volume	Expected	Existing Rate Limit	New Rate Limit
AH AWS App Token	ID Card Detail API Product: awsaetnahealth-correspondence-healthcare-1a-i API Name:	15/min	150/min		21,060/min	

atv3aetnahealthidentificationcardsid-apigw					
ID Card List API Product: awsaetnahealth-correspondence-healthcare-1-i API Name: atv3aetnahealthmembersidentificationcards-apigw	17/min	170/min		1750/min	5000/min
AH iOS	ID Card Detail					
	ID Card List					
CVS	ID Card Detail			7200/min		7200/min
	ID Card List			4800/min		4800/min

Services 🔗

- plan-groups
- multimembershipfeatures
- cvs-bff (needs to be built)
- id-cards-service

Service Logic 🔗

- Service will call plangroups API
  - Service will call launch darkly to check on PSUIDs to ensure member is eligible to see Super App ID Cards Feature
  - Find portalGroups with LOB of either commercial or medicare (TODO: do we need to support pharmacy aka specialties?)
  - Filter plans who have digital access revoked (plan sponsor wave number 955 or 988)
    - within these plans - find policies with primary policy type as either Dental or Medical
      - Check memberships that have a status of `Active` or `Dependant Active Coverage` (TODO: any other statuses?)
      - The remaining portal groups are valid, so we loop through each portal group, returning all appropriate unique memberIds
- Service will call multimembership Features with unique memberIds
  - Return back unquie memberIds that have idcard feature toggle enabled
- Call identification card list API with all unique memberIds in parrellel
  - Grab all `identificationCardResourceId`
- Call idcard details in parrallel for all `identificationCardResourceId`'s

How to split ID Card Image on iOS → https://github.com/cvs-health-source-code/aetnahealth-ios/blob/3334f8099aaca1146feac923b3b94c4ca0436d0d/Packages/AppDependencies/Sources/AppDependencies/Features/IDCard/IDCardViewModel.swift#L313

Client Changes 🔗

Client side logic 🔗

Summary of how client should integrate.

Field mapping 🔗

Response Key	Mapping
cards[].cardType	`readIdentificationcardResponse.identificationCard.idCardType`
cards[].cardImageFront	`readIdentificationcardResponse.identificationCard.idCardImages.imageFront`
cards[].cardImageBack	`readIdentificationcardResponse.identificationCard.idCardImages.imageBack`
cards[].cardImageCombined	`readIdentificationcardResponse.identificationCard.idCardImages.imageCombined`
cards[].cardImageType	`readIdentificationcardResponse.identificationCard.idCardImageContentType`
cards[].memberName	`readIdentificationcardResponse.identificationCard.memberships[].person.nameFull`
cards[].memberId	`readIdentificationcardResponse.identificationCard.memberships[].memberId`
cards[].subscriberName (do we need?)	
cards[].planType	`readIdentificationcardResponse.policies[].policyType`
cards[].payerId	`readIdentificationcardResponse.identificationCard.idCardReadout[].dataElementValue where dataElementName === "Payor Id"`
cards[].payerName	Aetna
cards[].groupName	`readIdentificationcardResponse.identificationCard.idCardReadout[].dataElementValue where dataElementName === "Plansponsor Name"`
cards[].groupId	`readIdentificationcardResponse.identificationCard.idCardReadout[].dataElementValue where dataElementName === "Group Number"`
cards[].relationshipToSubscriber	`readIdentificationcardResponse.identificationCard.memberships[].relationshipToSubscriber`

cards[].idCardResourceId	`readIdentificationcardResponse.identificationCard.idCardResourceId`

Additional Details 🔗

- Figma for CVS Design: 🎨 https://www.figma.com/design/X56T4Qq2pajDcTDeg5UZO7/Benefits-integration-workspace?node-id=6270-988713&p=f&t=tsNN7k7ZGxlfqeTa-0 Connect your Figma account
- iOS Logic for Spending Details Plan Group Picker →https://github.com/cvs-health-source-code/aetnahealth-ios/blob/646593adc7391cc1cc4d926e0cbce6d10f6d03e3/Packages/AetnaShared/Sources/AetnaAccount/Models/Account.swift#L758
- Plan Sponsor Wave Number → 🔲 F125450: M0028 User Messaging
- MMF Toggle `CVSSuperApp`

Testing 🔗

TODO: Find Edge Cases

- example multiple active medical plans?

Security Review 🔗

Provide any notes, changes done as part of security review. Security reviews should be done especially when something non-standard is happening. Third party integration, some new technology/component, SDK recommendation, SFTP, PII/PHI storage, etc … please do a security review with members of security team and provide date, findings, changes here.

Contacts and Impacted Teams/People 🔗

- CVS Docs → 🔲 Medical Id card

Bulleted list of teams and individuals that are updated