Latency Issue Analysis

∧ Plan   Portfolio Plan ☑ [+] [-]

	Contract Code	Funding Type	Network	Product Cat	Product Code	Plan Name	Current Plan
☐							
☐	6AXE	ABF	Blue Access	PPO	HSA	Balanced Blue Access PPO 3000EC/0%/4500 w/HSA WI-ABF-RX-T4	PPO ⌄

This case has 47 Porfolio plans

	AWS SIT	OP411056747 92467246		On Prem SIT	OP506861828 3673682		Difference	Root Cause	Can Latency be overcome with servers staying on Prem?	How
	Entering	Exit	Time Taken	Entering	Exit	Time Taken				
rare-rating	2021-12-13T18:52: 33.748-05:00	2021-12-13T18:52: 34.530-05:00	< 1 Sec	2021-12-13T19:37: 17.006-05:00	2021-12-13T19:37: 17.249-05:00	< 1 Sec				
rare-event-logger	2021-12-13T18:52: 34.651-05:00	2021-12-13T18:53: 30.347-05:00	< 56 Sec	2021-12-13T19:37: 17.322-05:00	2021-12-13T19:37: 48.018-05:00	< 31 Sec	56-31=25 Seconds			
rare-driver-medical (rare-factor-medical + rare-benefit-data-manager + rare-router)	2021-12-13T18:52: 34.546-05:00	2021-12-13T18:53: 06.468-05:00	< 32 Sec	2021-12-13T19:37: 17.262-05:00	2021-12-13T19:37: 28.025-05:00	< 11 Sec	**32-11= 21 Seconds** rare-benefit-data-manager => 8 Seconds rare-router => 9 Seconds	Oracle MongoDB	Y N	Enable Cache for Oracle sourced benefit data (targeted Feb/March release ?)
rare-factor-medical	2021-12-13T18:52: 34.883-05:00	2021-12-13T18:53: 01.155-05:00	< 27 Sec	2021-12-13T19:37: 17.363-05:00	2021-12-13T19:37: 26.380-05:00	< 9 Sec				
rare-benefit-data-manager	2021-12-13T18:52: 35.114-05:00	2021-12-13T18:52: 43.493-05:00	< 9 Sec	2021-12-13T19:37: 17.467-05:00	2021-12-13T19:37: 17.942-05:00	< 1 Sec	9-1 = 8 Seconds	Oracle		
rare-router	2021-12-13T18:52: 54.968-05:00	2021-12-13T18:53: 06.451-05:00	< 12 Sec	2021-12-13T19:37: 24.987-05:00	2021-12-13T19:37: 28.017-05:00	< 3 Sec	12-3 = 9 Seconds	MongoDB		
rare-calculator-manual-cost-medical	2021-12-13T18:52: 55.781-05:00	2021-12-13T18:53: 01.541-05:00	< 6 Sec	2021-12-13T19:37: 25.318-05:00	2021-12-13T19:37: 26.412-05:00	< 2 Sec		MongoDB		
rare-calculator-premium-abf-medical	2021-12-13T18:52: 56.393-05:00	2021-12-13T18:53: 02.535-05:00	< 7 Sec	2021-12-13T19:37: 25.623-05:00	2021-12-13T19:37: 26.570-05:00	< 1 Sec		MongoDB		
rare-calculator-premium-fi-medical	2021-12-13T18:52: 55.942-05:00	2021-12-13T18:53: 01.741-05:00	< 6 Sec	2021-12-13T19:37: 25.379-05:00	2021-12-13T19:37: 25.464-05:00	< 2 Sec		MongoDB		
rare-calculator-premium-medical	2021-12-13T18:52: 56.060-05:00	2021-12-13T18:53: 04.142-05:00	< 9 Sec	2021-12-13T19:37: 25.424-05:00	2021-12-13T19:37: 27.564-05:00	< 3 Sec		MongoDB		
rare-print-engine	2021-12-13T18:53: 06.296-05:00	2021-12-13T18:53: 30.285-05:00 "Quote processed successfully."	< 24 Sec	2021-12-13T19:37: 28.026-05:00	2021-12-13T19:37: 48.006-05:00 "Quote processed successfully."	< 20 Sec	**24-20= 4 seconds**	Kafka MongoDB Templates Generation	N N N	
rare-process-finalizer	2021-12-13T18:52: 56.509-05:00	2021-12-13T18:53: 30.145-05:00	< 35 Sec	2021-12-13T19:37: 25.726-05:00	2021-12-13T19:37: 47.966-05:00	< 23 Sec				
		Total Time Taken To Finish	**< 57 Sec**		**Total Time Taken To Finish**	**< 32 Sec**	**57-32 = 25 Seconds**			

Oracle AWS	Oracle On prem
As per IBM AWS Cloud Support Team	As per IBM AWS Cloud Support Team
Latency to connect Oracle - 20 Milli Seconds	**Latency to connect Oracle - 1 Milli Seconds**
rare-benefit-data-manager - Time Taken - *< 9 Seconds*	**rare-benefit-data-manager - Time Taken - *< 1 Second***
@timestamp: 2021-12-13T18:52:35.118-05:00	@timestamp: 2021-12-13T19:37:17.598-05:00
message: Entering: com.anthem.benefit.data.manager.controller. BenefitController.medicalPlanBenefits	message: Entering: com.anthem.benefit.data.manager.controller. BenefitController.medicalPlanBenefits
@timestamp: 2021-12-13T18:52:35.128-05:00	@timestamp: 2021-12-13T19:37:17.605-05:00
com.anthem.benefit.data.manager.service.BenefitService	com.anthem.benefit.data.manager.service.BenefitService
contractCodeList : [6AYG, 6AYF, 6AYH, 6AYK, 6AYJ, 6AYM, 6AYL, 6AYA, 6AYC, 6AYB, 6AYE, 6AYD, 6AXV, 6AY7, 6AXU, 6AY6, 6AXX, 6AY9, 6AXW, 6AY8, 6AXZ, 6AXY, 6AXN, 6AXM, 6AXP, 6AY1, 6AY0, 6AXR, 6AY3, 6AXQ, 6AY2, 6AXT, 6AY5, 6AY4, 6AXS, 6AXF, 6AXE, 6AXH, 6AXG, 6AXJ, 6AXL, 6AXK, 6AXB, 6AXA, 6AXD, 6AXC, 6AX8, 6AX9]	contractCodeList : [6AYG, 6AYF, 6AYH, 6AYK, 6AYJ, 6AYM, 6AYL, 6AYA, 6AYC, 6AYB, 6AYE, 6AYD, 6AXV, 6AY7, 6AXU, 6AY6, 6AXX, 6AY9, 6AXW, 6AY8, 6AXZ, 6AXY, 6AXN, 6AXM, 6AXP, 6AY1, 6AY0, 6AXR, 6AY3, 6AXQ, 6AY2, 6AXT, 6AY5, 6AY4, 6AXS, 6AXF, 6AXE, 6AXH, 6AXG, 6AXJ, 6AXL, 6AXK, 6AXB, 6AXA, 6AXD, 6AXC, 6AX8, 6AX9]
@timestamp: 2021-12-13T18:52:43.458-05:00	@timestamp: 2021-12-13T19:37:17.918-05:00
logger_name: com.anthem.benefit.data.manager.service.medical. MedicalBenefitExtractor	com.anthem.benefit.data.manager.service.medical.MedicalBenefitExtractor
Medical Benefit Extractor - getPlanBenefits	Medical Benefit Extractor - getPlanBenefits
@timestamp: 2021-12-13T18:52:43.479-05:00	@timestamp: 2021-12-13T19:37:17.921-05:00
com.anthem.benefit.data.manager.service.medical.MedicalBenefitExtractor	com.anthem.benefit.data.manager.service.medical.MedicalBenefitExtractor
Returning Proposed Plans with Benefit details	Returning Proposed Plans with Benefit details
@timestamp: 2021-12-13T18:52:43.493-05:00	@timestamp: 2021-12-13T19:37:17.942-05:00
Exit: com.anthem.benefit.data.manager.controller.BenefitController. medicalPlanBenefits()	Exit: com.anthem.benefit.data.manager.controller.BenefitController. medicalPlanBenefits()

MongoDB AWS - 46 Milli Seconds	**MongoDB On Prem - 8 Milli Seconds**
rare-driver-medical (Fetching and Saving Record)	**rare-driver-medical (Fetching and Saving Record)**
@timestamp: 2021-12-13T18:52:34.781-05:00	@timestamp: 2021-12-13T19:37:17.338-05:00
com.anthem.rare.service.driver.medical.service.helper. ValidateQuoteRateRequest	com.anthem.rare.service.driver.medical.service.helper. ValidateQuoteRateRequest
New Rate Request received	New Rate Request received
@timestamp: 2021-12-13T18:52:34.793-05:00	@timestamp: 2021-12-13T19:37:17.339-05:00
com.anthem.rare.repo.nosql.dao.RareQuotesDAO	com.anthem.rare.repo.nosql.dao.RareQuotesDAO
Fetching RareQuotes Query for findOneQuoteByLOB: Query: { "opportunityID" : "OP4110567492467246",	Fetching RareQuotes Query for findOneQuoteByLOB: Query: { "opportunityID" : "OP5068618283673682",
@timestamp: 2021-12-13T18:52:34.827-05:00	@timestamp: 2021-12-13T19:37:17.345-05:00
com.anthem.rare.repo.nosql.dao.RareQuotesDAO	com.anthem.rare.repo.nosql.dao.RareQuotesDAO
Saving RareQuote : {"opportunityID":"OP4110567492467246"," quoteHeaderID":"QT7614116849566318",	Saving RareQuote : {"opportunityID":"OP5068618283673682","quoteHeaderID":" QT5276238295643404","opportunityType":
@timestamp: 2021-12-13T18:52:34.827-05:00	@timestamp: 2021-12-13T19:37:17.346-05:00
com.anthem.rare.repo.nosql.converter.LocalDateToDateConverter	com.anthem.rare.repo.nosql.converter.LocalDateToDateConverter
Using converter to convert local date : 2021-12-13	Using converter to convert local date : 2021-12-13

KAFKA AWS - 408 milli seconds	KAFKA On Prem - 164 milli seconds
rare-rating - 2 times posting message to driver topic	**rare-rating - 2 times posting message to driver topic**
rare-router - 1 time posting message to driver topic	**rare-router - 1 time posting message to driver topic**
rare-print-engine - 10 time posting message to driver topic	**rare-print-engine - 10 times posting message to driver topic**

@timestamp: 2021-12-13T18:52:45.099-05:00

com.anthem.rare.service.common.helper.kafka.KafkaMessageSender

posting message to topic : tskafe2erareallob_rtgw_pub_rate_req_medical, messagetype : MEDICAL_RISK_SCORE

@timestamp: 2021-12-13T18:52:45.507-05:00

com.anthem.rare.service.common.helper.kafka.KafkaMessageSender

Received response metadata after posting to topic : tskafe2erareallob_rtgw_pub_rate_req_medical

@timestamp: 2021-12-13T19:37:18.978-05:00

com.anthem.rare.service.common.helper.kafka.KafkaMessageSender

posting message to topic : tskafe2erareallob_rtgw_pub_rate_req_medical, messagetype : MEDICAL_RISK_SCORE

@timestamp: 2021-12-13T19:37:19.142-05:00

com.anthem.rare.service.common.helper.kafka.KafkaMessageSender

Received response metadata after posting to topic : tskafe2erareallob_rtgw_pub_rate_req_medical

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RISK SCORE AWS - 711 Milli Seconds

rare-driver-medical

RISK SCORE On Prem - 298 Milli Seconds

rare-driver-medical

@timestamp: 2021-12-13T18:52:43.671-05:00

com.anthem.rare.service.driver.medical.service.MedicalRiskScoreService

Requesting Risk Score with requestedScoreVersion : 1.0

@timestamp: 2021-12-13T18:52:43.671-05:00

Arrow Request : for url https://rtgw-router.sit.aws.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T18:52:43.672-05:00

Submitting for Arrow Request : {"metadata":{"metaTransID":"NBCSZY6RMWZDQJP8EB","sourceSystem":"RARE"

@timestamp: 2021-12-13T18:52:43.672-05:00

trying to post to url : https://rtgw-router.sit.aws.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T18:52:43.686-05:00

trying to post to url : https://uat.api.anthem.com/v1/oauth/accesstoken

@timestamp: 2021-12-13T18:52:43.994-05:00

Received response for url: https://uat.api.anthem.com/v1/oauth/accesstoken = 200:

@timestamp: 2021-12-13T18:52:43.995-05:00

Request for url https://rtgw-router.sit.aws.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T18:52:43.995-05:00

trying to post to url : https://rtgw-router.sit.aws.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T18:52:44.382-05:00

Received response for url: https://rtgw-router.sit.aws.antheminc.com/api/v1/arrow/riskscore/compute = 200:

@timestamp: 2021-12-13T18:52:44.382-05:00

Submission to ARROW successful, updating quote status. Received response :

@timestamp: 2021-12-13T19:37:17.980-05:00

com.anthem.rare.service.driver.medical.service.MedicalRiskScoreService

Requesting Risk Score with requestedScoreVersion : 1.0

@timestamp: 2021-12-13T19:37:17.981-05:00

Arrow Request : for url https://rtgw-router.sit.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T19:37:17.981-05:00

Submitting for Arrow Request : {"metadata":{"metaTransID":"3MZRLPX8AOR6LBAZO5","sourceSystem":"RARE"

@timestamp: 2021-12-13T19:37:17.982-05:00

trying to post to url : https://rtgw-router.sit.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T19:37:17.982-05:00

trying to post to url : https://uat.api.anthem.com/v1/oauth/accesstoken

@timestamp: 2021-12-13T19:37:18.165-05:00

Received response for url: https://uat.api.anthem.com/v1/oauth/accesstoken = 200:

@timestamp: 2021-12-13T19:37:18.166-05:00

Request for url https://rtgw-router.sit.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T19:37:18.166-05:00

trying to post to url : https://rtgw-router.sit.antheminc.com/api/v1/arrow/riskscore/compute

@timestamp: 2021-12-13T19:37:18.277-05:00

Received response for url: https://rtgw-router.sit.antheminc.com/api/v1/arrow/riskscore/compute = 200:

@timestamp: 2021-12-13T19:37:18.278-05:00

Submission to ARROW successful, updating quote status. Received response :

FileNet AWS - < 9 Seconds	FileNet On Prem - < 10 Seconds
rare-print-engine	rare-print-engine
@timestamp: 2021-12-13T18:53:19.718-05:00	@timestamp: 2021-12-13T19:37:37.170-05:00
com.anthem.rare.repo.nosql.dao.RareQuotesDAO	com.anthem.rare.repo.nosql.dao.RareQuotesDAO
printExhibitDoc timestamp : 2021-12-13T18:53:05.974 and UWAdjustment timestamp : 2021-12-13T18:53:05.974	printExhibitDoc timestamp : 2021-12-13T19:37:27.891 and UWAdjustment timestamp : 2021-12-13T19:37:27.891
@timestamp: 2021-12-13T18:53:19.720-05:00	@timestamp: 2021-12-13T19:37:37.172-05:00
com.anthem.rare.service.printexhibits.service.FileNetService	com.anthem.rare.service.printexhibits.service.FileNetService
Writing file to filenet with filename :: KLT9999AWSSIT_Medical_PrintExhibit_2021-12-13T18_53_05_974_EST	Writing file to filenet with filename :: KLT9999ONPREMSIT_Medical_PrintExhibit_2021-12-13T19_37_27_891_EST
@timestamp: 2021-12-13T18:53:20.002-05:00	@timestamp: 2021-12-13T19:37:37.450-05:00
Exit: com.anthem.rare.service.printexhibits.listener.MessageListener.listen()	Exit: com.anthem.rare.service.printexhibits.listener.MessageListener.listen()
@timestamp: 2021-12-13T18:53:28.607-05:00	@timestamp: 2021-12-13T19:37:47.024-05:00
com.anthem.rare.service.printexhibits.service.FileNetService	com.anthem.rare.service.printexhibits.service.FileNetService
Updating filenet status for content id :: PrintExhibitDocument (ratingTransID=null, exhibitDocId=E49872A3-2C8B-4F87-BC36-DB5BB819D11A,	Updating filenet status for content id :: PrintExhibitDocument (ratingTransID=null, exhibitDocId=4F45E8D3-942E-49D4-BF6B-7251C5338D09,
@timestamp: 2021-12-13T18:53:28.660-05:00	@timestamp: 2021-12-13T19:37:47.029-05:00
com.anthem.rare.repo.nosql.dao.RareQuotesDAO	com.anthem.rare.repo.nosql.dao.RareQuotesDAO
Updated ExhibitInfo with name : KLT9999AWSSIT_Medical_PrintExhibit_2021-12-13T18_53_05_974_EST	Updated ExhibitInfo with name : KLT9999ONPREMSIT_Medical_PrintExhibit_2021-12-13T19_37_27_891_EST