both this, both the customer membership and customer ID are both outbound interfaces.Outbound interface means the data from Flex both these both these two interfaces are outbound interfaces.Outbound interfaces, meaning data from the Flex system is being send to the SAP system, which is the target system. both these interfaces are really straightforward.They are not as complex as the other MDM interfaces. we'll quickly go through both the interfaces 1 by 1 and give you a brief idea about both these two interfaces too.And then maybe if you guys have any clarifications and downloads for question, you can go ahead with that. I'll start with the customer membership interface., the customer membership interface is nothing where the we like all the membership details, direct and indirect membership details which are created in Flex., , UH-1 doubt like say like, uh, this interface is new.I think like customer membership interface for us. like what's what details like it will be like?Because likea in our on Prem we had mm hmm, customer and customer ID interface, but this membership is new.Like, uh, can you tell what this will be?Having any idea Like what? let me log into the system and then maybe I'll show you what membership details I'm talking about.I see, I see I can answer this for you.This customer membership is when you what happened is right now before Durek, let me give you a little bit of the Durek, all the Durek and Durek customer was being created in SAP. now once we go to Flex, when we move to the SAS application of Flex and and Charles back is moving to to being processed into Flex.Right now, the the membership team is going to maintain the direct customer in SAP, the membership.Now the the Andrea customer, which which really is the membership customers, members of the to is are going to be maintained in Flex. the customer ID for example, they're going to create the receiver Dan hand from the customer and or on the report they had mebody submitted the charge back, but that Dan is not in the system. the the process is for them to create a new Endure customer that's going to start in, in, in Flex.They're going to create that endure customer with the ID, the DNA hand ID that they receive from the customer and then send it to SCPSCP will al create.Then SP will create an SCPID, which will be the primary ID and send it back to to Flex. the outbound there is a membership job that is one to send that.And then as as part of that, once they're creating the customer, they have to lend the customer to the le to the parent that the customer belong to.Because for you, you have a le tool, which will be a wholesaler and then you have members that is attached to those wholesaler.That's that's what that membership memberships information said for both.For both all membership informations are maintained in Flex.They just interface to SAP for because SAP need need them to look at to look at return for order, you know, activity.But that's what the when when you link was ld to to a member to an injured customer or or direct ship to in Flex that membership information is sent via that interface to SAP for SAP to process and update the system.Does that explain it to you Wasim?It's like the le to wholesaler who are all the customer coming under SIP 2 will be mapped here is that , that that there will be .When they make yes, all the all the le to all the members of that le 2.That's what is going to be mapped.There is a linkage in SAP in flags to link the ship tool or the Andrea customer to that ld tool or to the OR to the contracting org.OK.That's what the information is from seller and all the SIP tool will be mapped to the ld tool., single ld tool.Is it correct mething like multiple ld tool depending on what multiple ld tool, not one single ld tool, multipleJust maybe I can add a little bit.I mean, not exactly all these members are the ship to customers for a particular wholesaler.Maybe you're not correct me if I'm wrong, but they're all members of a GPO org.Yes, there is.Yes., not, don't, don't think it's like a all these are shipped to customers of a particular wholesaler.No, no, , no, the member they that they are members of. they will be, they will be lying to the parents of that group because when you have a GPO, the GPO, they send you the GPO.They said, OK, this is all my, my, my, my members.That GPO is created as a le tool. that that that le tool, all those members that they send is going to be linked to that le tool customer.OK. OK, and or or the same thing for direct customer for the ship to those direct customer for contract purposes is link to the contracting.All that's in a different another type of customers because we have multiple type of customers.We have customer, you have customer direct bill to direct ld to direct ship to dual drop ship and al called dual contracting org and then you have all the ngreg customer which are the members.OK, OK, , , OK., , as you you like said, customer membership interface it will it will fetch all the up last modified membership records based on the last interface execution.And these will be generated from the RODB tables as you can see here.And then based on the last interface execution, it will check the last modified like if there are any membership details modified or added to any customer direct or indirect membership details. they will be they will be created and it will be they will be generated in a customer membership file and there will be me data transformation happening. data transformation here is nothing but me data formatting and me me data formatting which is done and then a customer membership flat file is generated in IHOP and then that customer membership file is sent to S3S3 X-ray to XMF 3 through AWS S3, Amazon S3 to the S3 bucket.And from there the SAPCPI program will pick that customer membership file and process the file on the RSCP premises. like for this in cloud, cloud is the urce for that like membership details, business directly creating the membership details or we are getting from like we will be creating it and business is creating it, right?OK, Business will be creating.OK, Jay, one question, this particular interface, membership interfaces mainly for linking the members to the parent, is that what's going on here?Plus al creating the new members or new members is not part of this interface.No, members is not part of this interface.There is another interface for the new members.This is al what we said is just linking the child to the parent to to do the membership asciation.That's what this interface is about.You know it's done.Is it for? one question

you'll let for example, let's say if you take any GPO like Premier or VGNT. what's the urce for this update?Is it based on me rosters?Yes, it become the roster that they receive from the you know from the GPU.OK, there is 2 bit there is two urce based on the raster that they received to be proactive and al is based on the area report when they when they received the 8:44 to process if if that that specific ID is not available. they want to have to take it from the area report, create it blanket, make sure that it's clean, clean, and then add and then because it's going to be an error and then ask the the the chargeback team to accept, you know, those to to run it to accept the those line item that error because of the membership, you know, the missing membership or the membership disasciation. that means, let's say when we get an error in the process of, you know, processing 844. the first step is to create the new member. that means the the other interface that we are talking about that that has to take place before this interface for linking the member to the parent.Correct, correct, correct.As they're creating the members, as they're creating the members, the membership team though, they have like a template to, you know, to upload in flex.After all of the template, they create the member as the same time when they create the member, they link it to the parents. when the customer ID interface goes to SAP, when when the new customer ID, new customer and your customer goes to SAPSAP, the only thing ICP does SAP create an SAP ID and send back that information on another interface, that customer interface. there is 3 interface asciated with it.There is a customer interface that's 'cause that's the one Wasim that is existing that was existing.The customer of There is a customer that send customer information from SAP into Flex.There is the customer ID that send customer ID information from Flex to SAP and there is a customer membership that send that.The membership information from Flex to SAPSAP will turn back the customer.The cost only one that come in the inbound to Flex is the customer interface.The only thing that it bring you bring all the detail for the direct customer, for endure customer.The only thing that it really bring is the SAPID because this is what that where it's generated.Gotcha, gotcha.And in other words, the link between the parent and the membership is is al available in SAP.Is it true?Correct.Yes.Umm Wasim clear or you have any more questions? like umm, if uh, uh, Patel, can you show us like 1 customer membership in front and how it's linked to the other customers, how those are added to that member, mething like that.If you show then we'll be sure like OK, maybe small demo like how it is working, how this interface works, that's what you want.OK, . how it's added , I can show you.I can show you one example. let's assume you are in first customer correct customer port., OK.. I'm in modern effect stage environment right now . if I see and, and selected one medicine trading partner and selected the first one over here, then in the relationships tab you will see the there is a list of you and list view of child is where you will see all the membership details of of the of this parent medicine.Are you sharing?.Are you sharing your screen, Jay?.I'm rry, not able to see he's staying this time.I think it's mething wrong with my side.Don't worry, continue.I'll have to log back.Oh next question.OK, now he here you will see there are many, uh, membership details which have have, which have been added..It's like, uh, McKesn is the wholesaler and we can see these many pharmacies under that. these are all the members for that wholesaler, mething like that.Yes, that that that's it, that's it.Yes, that you correct, yes, correct, correct.But how the how these all the customers like these farmers is under this wholesalers are mapped is through the file, correct?Which we we will be getting no, that they will be getting that the but the file that they receive right now for, for, you know, for conversion purposes, that's done by us using AMM.There is another tool for you to use to upload that information.But if you go into AJ, if you go to for that one magazine pharmacy, there is another way you can look at it al.If you go to under identifier, you will see identifier will tell you the SAP, you know the DEA or the hand..That that if it is, if it is like this is where you look at the linkage for you to see the linkage of for that 11S C PID1 wholesaler.Are you looking at the child or the parent, Jay?This is the parent, one wholesaler, parent, parent, customer.Is this Yes, , this is the child.This is the identifier step., OK.Your view is a little bit not look at the relationship for me.Go to the relationship tab., , sure.OK.Now, where is the where is the where is the where is the ID type?I'm not seeing the ID type of here., you see here you're showing me all this if it not the ID type.But The thing is though, you for one ID if you have for that wholesaler, if that wholesaler has all the where what kind of view you looking at can you do for that one customer that you had do a tippy locate for me for this one?, for this customer get get that, you know, 3548 go into that pencil and do a TP locate.OK, no, no, no, no.All right, go down on the identifier., I can only see the I don't have the access to do that.You access to on stage you should be able to view it's still view access.You should be able to see it.But but The thing is though, that if you go to the identifier, you should be able to see all the type for that one NDC for that one SCP ID for that one SCP ld to ID which one what type?If it's a hen or DA or T4DB that is attached to that parent parent what you're seeing?I did.I don't these these are not parent.These are not parent yes, here we can see this one.Yes, the end end date . you see it, what it's selling you for that SCP ID, this DEA, this is the primary, this DEA is linked on the top here.That's the work enforcement agency that this DEA PR 004 is linked to that specific 1736 customer.And this is the start date and end date of that.OK, when, when, when, when a when a chargeback come in, if that date, if the chargeback date is be after 1/31/2017, it's going to be rejected.It's not going to be paid.One of the things that is done al as part of the error report is to look at to see. the membership is going to say, OK, this is really undated.And then, then, then instead of, except they're going to reject.Those line or it is it an issue with the end date it should who the end it be extended they will be able to go in and extend that that and did it , OK.This is saying direct OK, OK..And but all of that is done by the business.

All of that is done by the business, the M and the membership team., got it.The like it doesn't has D and it might be they are direct customers.Might be no, that the DA, the the SAP the the, the the SAP customer ID, the one that's primary here is a direct customer.It's not an injury customer.OK, this is the this customer, this this ID here if you go and do a customer locate to that PR 0040357, there will be an SCP ID which will be the Android customer for that one.OK, OK, OK, when you are doing the view, if you want to find out what's going to be customer, you can do on on the top here we said to TP locate, just click on that TP locate and then you you'll be able to get you know the detail on that customer and you put the customer ID and then it will pop up.Finally, check this OK, and then you click on the customer itself and then you can find out all the detail that you need for that customer.The class of trade, you see it on all of that. you can do it.I have to see everything else.The the class of trade is the trading partner type trading part.The main category is one which we are saying which this is the category is the one can you bring down.OK, The category that we the one that we said you are only customer, you are only customer built to Co drop ship what I told you pay to ship to to and then we have on Android customers and for managed care you will have different type of customer based on for the for managed care purposes which you know which is already existing and the current listed landscape.OK, I have to drive.I have another call., thanks.And for the customer membership and customer identifier interface, the categories which we only get direct and indirect customers in the Oh, that that has changed J that has changed J, remember that we have you will get you get the on the interface that you get from SCP.There is an account group and there is a logic in the program that's a dependent depending on the account group to tell you if you have ZU SE1Z ZA address 1 is a le tool.ZUS, for example, ZUSE is all the end your customer ZULG depending on the and I think Akram based on your experience with GP, you know you know the account, the account, the account good.I'm I'm talking about this is part of the account bill the the building, the building, yes, building that yes, from SAP. when we get it for SAP, there is a transformation that happened when the program is running.J that was the last minute change that was done to make sure that the business able to understand which is the bill to CEO adopt ship a pay to ship to to because they need to want it.It's it's very confusing if they just see do Echo enjoy customers that change has been done right.That change was done in me production., OK, OK.And it should be on DFS al., it should be where.OK, have a nice day.I have to I have to drop., thanks. , you guys want to check the how, see how the interface works, like end to end. , I can show you it in QA because in stage I don't have access to do any modification., like log into QA and just quickly show you one example how, how, what changes.Log in.Let me log into.This is QA.Let me log in.Let me get one example from my existing. let me take this first parent, but I assume I think data in QA has been refreshed, right. I'm not sure whether the IT it got recently refreshed.Dev 3 is recently refreshed with production data, production data, right, , . I'll have to do me quick checks whether the trading partner categories and all that's been assigned to the child trading partner. do that quick check in, then I'll do me updates and show you how the file gets channeled. this is an indirect customer see whether this member has been has will go to the relationship tab and see whether this member journey partner member has been assigned like is, is whether it is part of this Veterans Administration or not. if I go to primary ID, it's not a part of this. maybe we can add it and then we can run the interface and see see the how the file gets generated. like, wait a minute, uh, this is in go go to your SQL development there.You have shown me that it was part of that, correct?This is product , no, this is QA. now this was before the data refresh, which which happened right now what you see here in QA is production data. that data is different means dev 3, this is the application for this only you have opened the DB, correct?Yes, yes.But the data reference happened from production, but data is not moved like it's not reflecting in application.That's what you're telling., .Because the these are IHOP tables that , , that's are it's not , .What's that what to link keep it simple, right Take application data got refreshed.I hub data did not I hub is different that's a middleware, right.Middleware .OK. once that if you have removed, removed that membership from this customer, correct in that sense is it . for now it is not linked because we made production this remember this child, this member was not part of this parent.But in QA while testing we added it. to like test it for testing.OK, Vamsi can you, can you quickly add one add this child member to this parent?Because I think in QA al, I don't have access now to do any modifications.Or maybe if you can show I can share you this to trading partner IDs, maybe you can show them.I can guide you.Let me share you this trading partner sharing and share the child., I've shared.Can you log into Dev 3?. I've shared you parent SAP ID and child SAP ID. I want to add that child SAP ID as a member for that parent public domain friend.Now did you did or , this one, this one, right.You want me to check the?.Can you share and like maybe I can tell them like how like that we are adding it and then how the interface is generating that recording the file.. now can you click on that new icon?OK, You are in the trading partner.OK.Can you filter it by primary ID?.And then select the parent, SAPID parent, parent, that's a child.Click on filter, click on the , click on it, go to the relationship tab and here list view of child is OK now., filter by primary ID, select the child recipe ID over here just to show them that we the member is not added over here. we'll quickly add this member. click on that new tab.. here now we can add that new child members quickly add filter selected notes, , save it.Maybe can you can you can you edit it again once again before, because we need to add start date and end date al can scroll to the right, scroll to the right, cancel scroll to the right., here, relationship start date, maybe we can say as 112024 and end date as 12/31/2024, mething like that, .And then save it, .And now you can activate the

parent.OK, activate it.OK, now let me share my screen and show them I have the customer membership sequel we share with it's activated. let me I'll share with you guys can see my screen, right?, I have this customer membership sequel I'll. this is the last execution date of the customer membership. I'll quickly just show you the record which will get generated in the file that how it is working.If I run this, you should see that record which Bombsheet after. if you see here change date was 426 which is today and same parent as APID child APID which one she added and it's an indirect customer.We'll see what. this is the data which is record membership record which is which has been updated by Bombsheet today. it will gather all the membership records which were either added or updated, which was the last interface execution date.Oh, Jay, question. is this query on on RODB.Yes, it's on RODB.OK, you see here, these are all RODB.Gotcha.OK, it's I have logged into air flow.I will go to the customer membership, uh, like, uh, actually like one more thing.This parent ACPAD which used to correct that is direct customer, like whether the members under the direct can be direct., I think basically what the interface is checking is whether the members which are getting added is direct or indirect. even that parent is direct, indirect customers can be added under the parent, correct., , just OK, thanks. I've already logged in to the S3 bucket as well where the where the file which when I run the SA customer membership interface, the file will get generated over here. this is the location when it's get generated, I'll quickly trigger the trigger the tag.It will two time will drop., , I'll have to mark the second one as that here in the logs.Once you see still running successfully completed mething, you will see the file over here. let me do my local.You can see the file. now since this job has started running, this this the extra transfer job where the file is transferred to the extra server. . yes, here it is in the log, you can see it is waiting for 60 seconds to trigger the POST API job.Wait for 60 seconds and then it will trigger the POST API job and once that POST API job is still there, the file will be transfer to the access server., it is shown or it is manual job you are?No, this is automated, but I've ran it manually to just to show you how it is happening in.Can you?It's an automated file. just want to see how it's popping., , , .This is the, this is the membership file. this is the change date.This is the membership key, this is the parent recipient.It's a pipe.Will the update, it's only send the updated one, not all the members of that.OK, No, no, no, no, not all the members.And it will, it will only send direct and indirect members.It will not send other members other than directed in that and this will be the membership target and membership ended. the transformation data transformation is nothing but this date formatting. in the flex date is saved in me different format.Here we are sending it to SAP in YYYY and MPP format along with the ending. now I think this., it's, I think the file has been transferred. now if I refresh over here, we won't see the file.It has been transferred to the. once it is transferred, , after, , we'll see., it has successful.And here al you'll see the file name and everything which got generated like which gets generated and which gets transferred al., this is how this interferes this that is straightforward.That is, uh, it's not as complex as the other inbound one.There is no connector.We just, uh, there are one failure.Can you show the what is there?rry, I didn't get you.No, no, we actually the failure job.Could you please show the what is there for that job?This one?, in air flow that No, no, no.Before, before we have success, we have the job failure., . this one is nothing.But when there are no records getting processed, then there's the log.Let the log go to last the failure step by the failure, we should see the logs.Second step, , but , the logs are still loading.It will take me time. here in the logs we will see process has successfully completed but there was no file to process, hence it will not trigger the extra transfer.That's why it failed here if I if you see the first job al you can see over here it says no record found for customer membership and hence no record, no e-mail notification al here for the job which we ran Now we I think I should have received an e-mail.. this is the e-mail notification, which is this is the e-mail.You can see the e-mail notification.We'll see the job ID and ID, we'll see the records, how many records were created, the customer membership filing and what what does what records that that file failure test should al we can show means we can receive them.No, no, for failure you won't receive. if there are no records getting processed, that's what business wanted that it should not send an e-mail notification and it should not trigger the extra transfer jobs.But if there are no records getting processed, then it should not trigger the extra transfer jobs., it is scheduled in production now., it's in.It's scheduled in part, . this is this is the customer membership here al.You'll see the file format.The file format in which the data gets which we saw in the e-mail notification and similar is the customer identifier interface where the where all for where we are for indirect customer which is create which are created in Flex we are sending the customer and identify information for that for new indirect customers created in Flex and for direct customers we are sending active and DEA customer identifier information if they are updated in Flex and once. here al it is similar it's an incremental interface.It it it's run is dependent on the last interface dates.Based on the last interface execution date it will fetch all the modified customer identifier or added new identifier information and it will get all those customer IDs data.

me date data transformation which will will happen which is like the transformations and all and then a customer ID identifier flat file will get generated and then in IHOP and then it will send to XVM FM FT in the X3 bucket. it will be similar to customer member as in customer ID folder. this is where the file will will get generated and then once it is transferred to XS server we have SAP CPI, they have a job where the file will get picked up and then it will be processed in SAP. here as unit, unit was talking about that new indirect customers which are generated in Flex.All those new indirect customer information is sent through customer identifier information and then SAP assigns an SAP ID to it and sends back the that sends back the SAP ID via customer interface and then customer interface.When the customer interface is run, it will assign that SAP ID to that new indirect customer in Flex. it's a 2 step process for indirect customers.But for direct customers if there are any updates for any customer and for any or any hint or DEA or any updates is been done for any direct customer then those will be added to the customer identifier file and send to SAP that they can update those details in the system in the SAP system. I can show you one sample SAP customer ID file how it looks or maybe I'll show you here below the file format which gets generated in. , this is the file format.It's a pipe delimited file where all the date fields are in YYYYMMDD format. here these are the customer identified.It is the customer recipe ID, this unit number, customer ID type, customer ID, start date, end date and then we have the trading partner details for that director indirect customer which will send the trading partner name, start date, the payment type, address information, address, all the address related information and the card card related and card start got started but.I think from our side from flex will always send a cod start date as none.We won't be sending cod start date in the file. if I show you one file which I recently generated here you will see you will see this this is one example of new indirect customer. here you will see the first line which is here. this is a new indirect customer which was created in Flex where hi and then was the customer ID which was created and this is the customer ID start date and date.And this is this, this all these are the trading partner details..The first is the indirect customer, but the SAPDID is not that that means it's created now in Flex. it will be sent Flex, yes.Then the other two, those are those are direct customers., these two are direct, . they why? they can be either direct or indirect. it can be either direct or indirect., , but already SAP ID is mapped correct, Why we are sending it back to SAP?.But if, if like if for any indirect customer which is already there, if let's any if like if, if user is modifying any customer ID detail for that indirect customer right now it already has the SAP ID as well.OK, It's just up if any update happened for update update, yes, yes, it will again send it to send it to SAP., with the latest for direct customers, for direct customers al direct test, , , for direct customers al., for direct customers, if there are any update trading partner updates like customer updates, I think for customer ID updates, I think is not possible in fix, I'm not, but I think any trading partner of this like address of. like this customer ID interface won't contain direct customers, correct?Uh, no, they won't contain direct customers initially.What the indirect customers will be the customer identifier, correct?Because direct customers we are receiving from SAP already SAP everything is mapped and coming. customer identifier interface is only for indirect customers, correct?Am I correct?Yes, majorly for that indirect customers yes, no majorly or only like I need to have no, no, no, even that customer uh, if you if I show you the.Can you go top with the customer identify to get all active in India that IT customer changes to financing besides only go?I think that IT customer they are not mentioning because customer ID we already received you can do it from updated customer direct customer records and updated direct customer records.OK, only for updated, not the new one updated that means , not the new one that means , correct. like for example, already we received the direct customers into the flex system in that like we are updating any date anything, then only it will be sent back to SAP only for in the update process only update direct customers will be sent.Otherwise indirect only will be sending both new and updates.OK, yes, yes, yes.Because for direct customers, the customers are already, they are created in SAP only and then they are sent uh, customer interface takes care of loading it to Flex.But once it is loaded in Flex and then if any customer ID related information is changed in Flex that will be again sent to SAP via customer ID interface.But any new indirect customer, they are only created in Flex. they've any new indirect customer they will be only sent through this customer ID like they will be sent as part of customer interface, customer details will be sent, ID details will be sent as part of customer identifier, correct?No, no. when a new indirect customer is created in Flex, all these details will be sent through customer identify in interface only first, OK, then customer interface what we will be sending, OK, then customer interface it will. SAP will assign an SAP ID, right? as of now in Flex there is no SAP ID for this customer, this new customer., correct, correct. now when SAP will assign an SAP ID, the customer interface will it there the SAP will send a customer input file, whatever the format is with that SAPID and then this incorrect customer we are sending this file to SAP.Then SAP will be sending the customer file with SAPSAP, correct, Correct customer file is the returning one OK, returning one yes, SAP will create this new indirect customer in VR system, right?And one, when they create it, they will assign a new SAP I I code like and then I will we need to hmm, hmm.And then let's leave the ID , I will clarify it fully here. it will be easy like from SAP.We are, uh, bringing a direct customers.OK, while the incorrect SAP we are getting the direct customer.It will be coming with the SAP ID It's correct, OK, correct.Uh, it came to our system now, uh, uh, indirect customers are loaded into Flex and for that we need the SAP ID, correct? for that, correct, we are sending those indirect customers to SAP to get through customer identifier interface to correct the SAP ID.

Then the customer interface again runs, it will send the SAP ID along with it, correct, Correct, correct.And then once, uh, in Flex, that customer interface run, it will assign that, uh, SAPID to this, uh, indirect customer.And then there will be a link between SAP and system.Why are these like one lost out Like, uh, can you open the customer interface file al just for verifying the direct customer to verify whether this direct and what I'm trying to tell in both the place the structure is same or not.I want to see customer in structure is same for one second.Let me first list., , that list can open anyone.. we're here., this is the customer interface input file. here if suppose we are taking this example right, this customer is sending this file again. here it will send the customer name, the SAPID which will which which will be generated in SAP and then the , JD partners direct customers, correct. , this means customers we will compare with direct one can can you go to cache customer identifier there first one is CAPID for direct, direct means 360 is direct, correct., . this one OK, we are sending this and they are sending us back the cusp list for update.Any update?I think mostly, , this is can you go to cusp list?, , this is Z US1 direct. this is this is the data which we send to them for update and we are getting back., correct, correct, correct.OK.And , just for identifying, once this indirect customer is sent, right, in the customer file, the this accounting group will be ZUSE and then there will be AB unit number over here which is this this B unit number., , this is the we know like I think it's not that incorrectly in the system looks like , yesterday that has to be that that has to be shared in the file for a new indirect customer.This is direct, , this is a direct.Let me see, I think I have And , one more thing, this customer is not this customer might be a new customer or might be that updating update updated., that is , that , this can be a new time or or any update they have which happened in SAP and they have sent us the final process., either of them., customer can you like if there is any update happened to the direct customer in the Flex site, OK.If it's happened, that al will be that we will be sending to SAP in the customer identifier file, correct?Uh, any update which has happened in flex?Can you go to the flex?Can you go to the if I go to the not this one like that notepad, just I'm clarifying window clause.OK, the customer, uh, identifier, . in the customer identifier, these two customers are direct, correct? we are these two them why we will be sending these to direct customers like if we have updated any start date or like if you have, we have modified the end date, me identify ID update or if we have created if there was ADA now we are creating or him or we are creating a new ID for that customer.All ID updates ascend If the , if there is no update, only uh, indirect, uh, details will be customer customer ID yes, identify yes, OK, yes.That that if there are no updates and then only indirect customers will be sent.Only this file contents is direct as indirect customer., direct directory indirect direct if there are any updates majorly indirect.OK, got it., that's it.Maybe I can show you do I can show you one e-mail notification of it looks identified there was.Uh, what changes happen to the customer identifier interface like because, uh, we used to receive it from SAP only customer identifier al, but now we are sending it correct. what changes happen in the code level?Uh, I think customer identifier uh, is, uh, it's a new, uh, interface.Uh, it's a new interface. initially, I think, uh , indirect customers al were created in SAP, right?Can you wait a minute this can we see this all the customer?Can you , hold them?. this is the e-mail. these are all uh, uh, we will leave the 1st 2 records OK, remaining.All our records are indirect records which are created in the flex OK directly. we are sending it as a customer identified interface to SAP to get the SAP ID for this.OK, correct, correct, correct scroll top.Can you go to scroll top?We will discuss on the other two this direct one direct one already we received from ACP and it's loaded now me update was happened.I think might have the customer end date might be , mething , as you see here me end date must have got change or mething.We we think we can think as end date if it's that mighty ACPN, rry in Flex. we are sending back Flex in we are asking the ACP to update at there and we are sending it.OK, yes, but yes, that both the systems are In Sync, , .This indirect customer, uh, this customer, we already send it to SAP and we got the SAP ID now wait again, we are sending it to them, correct.This is the meaning if SAP ID is mapped, . maybe me update, right?Maybe me address change or we have added an e-mail address over here or mething.mething me me update is being done to this indirect customer.Maybe the there was an ended now we removed the ended mething, mething I'm not sure any update which is happening..I just wanted to see one thing.These details will be in RK table. I want to see how many times we sent just for cross verifying on.Can we see this SAP alone in the MDM PPID RK table or just the , RK table, RK table only we'll have now how many times we have sent it., there will be code or mething we can check or, or or this logic and , we procedure will be there.Just I'm double checking that alone one like because we can't go back and come, we will clear the doubts here itself.Can you search with this customer ID we'll know. the the e-mail which I showed you right, it's in UAT and this one is in QA. , you won't see a match on here., you can.We can check in UAT then.Anyway, we there should be two.You can query the table with that ACPD., , we have the no, I want to see not the run ID, I want to see that ACP ID all runs I want to see that's no like you can search with the ACP ID. we will get all the runs.OK, select start from that table where ACP customer ACP ID equal to mething like that.What's the first call customer? which SAP ID to check?Indirect 1 Indirect one.It's look like we are sending again to SAP.At first we send to them and got the SAP ID.Now we are sending it again. we want to see how many times we send order by run ID descending.OK, , this is a new ID. it must have happened that, uh, like for testing purpose, we must have changed the run date and maybe this, this might not be an end to end test.This might be an existing indirect customer al, which was already there in Flex system.And then me modifications must have happened.

Oh, might be this one might be already there in the Flex system in Flex or maybe from our side.OK, then we can't see if it's new customer, then we can see new customer only for those only.But that's the concept, correct?Indirect customer.We won't be having any SAPID. we'll be sending it uh, to SAP to get the as a part of customer ID interface to get the SAPID in the CUSP list file.That's yes, correct.Yes, yes.OK, exactly.We are sending the indirect customer in the cust ID file and getting it back in cust list file with ACP, that's all., sending the indirect customer using, uh, using cust ID file and then getting it back and the update updated direct customer al in cust ID file.In cust ID file., got it.I got it clear.OK, thanks.. , that's it. these are the two interfaces like any questions or any doubts?I, I have question, I want to say the procedure worse than one.That's all my question.Procedure., the code for which this one, that file, that inbound and outbound file, what code we should write?I mean, like, I'm not kidding.No, no, no.We should have the code like in air flow.Now to the code.Code run..OK.In the air flow side., you can show him the air flow side.., correct.OK.Air flow side.OK.Air flow side.I think there is no code.It's an automated job.It's a scheduled run., which is which will happen.Automatic ID.You don't want Gauru, can you show?, .OK.One second.We just want to see , , I'm sure that you can explain the process here. here. let's see, this is the this is the cust ID interface where the first, this is the actual main customer ID fire interface run where it will generate the any new indirect or updated direct customers which happened based on the last run date.And then it will let the logs trigger.It will generate the cast ID file in this folder in the this S3 bucket.This is the path for that.And once the first step that procedure, that procedure will call the API to pick the changes from Flex, correct?No, there's a query which is there, there is no API over there in this center here both the don't have any API.No, no, we there is no API.It's we are this is directly getting from the ROTP tables, right?iHub itself., no, no ROTP., in iHub we are directly calling the ROTP tables to get the like from the last interface date, get all the like identifier details or membership details which got updated or added for any new, uh, indirect or direct customer. then it will for like I if any indirect customer came to flex OK, that should be referenced into RODB, correct, Correct, correct. I showed you this for customer membership, right? this is the query which is there in the procedure which will get the membership details based on the last interface execution. here when I ran this, I updated the last interface date over here.If you see this was the last interface date before I ran it today.Then we saw that this is what like we created.We added one membership record and then we saw OK this record. it's it has it will it has to wait for few seconds until it gets refreshed in the RODB table. like first we updated at the flex site OK, then after updating it should replicate in the RODB it will take within May mething it will take correct?Yes, yes, yes.On one set is it's in iHub schema, correct RODB, , I have, I have.OK, I have.OK. from there it's taking .Gaurav, you can ask your dots that I want to know like there we should have the code or mething or not.It is done by Aritra or meone.All these steps, this one code, Python code you were asking that one we did with Aritra, correct OK, OK. any like air flow related code that Aritra can help you, but I think we have calls still with Aritra like you have those questions with him.OK.Because for , even like for our end al we only run the DAG and we make sure that the file is getting generated like each and every step is running like as expected.And we are seeing the logs and then it is passing and then it is moving to the next step.And then once it is see once this once the 1st 2 steps are completed, you should see the file over here.And then once the X-ray transfer job runs, it should the file should be transferred to express server., that's what we did during our testing.OK.And that the last few show DAG is there like in last step it is got failed that is no files there or me other error?, no files.I think it should notify because , earlier, earlier it was the logic was different.But now we have added a different logic.If there are no records getting processed, it will fail., in the second step itself in production al, it should be this, it will fail at here only. if there are no customer identifier, uh, uh, record which got generated for this run, it will fail over here and here. before that, uh, like, uh, here it's failed on second part before that, uh, three or four run before that you can see it failed on 4th 1. for that only you fixed it.It's failing at 41 as file is not there.Uh , because that's how that's what business wanted and they would they wanted this change that it should not trigger the extra transfer if there is no file getting generated and they it should not send an e-mail notification al failure. there's an there are multiple e-mail notification one which is generated from in IHOP side like from interface side and one which is getting generated from air flow side. when this job was failing at the extra transfer side, it was generating and e-mail notification from the air flow side as well. they do not want these many emails to be generated they wanted. now it's the that doing like the error is coming at second step itself. how is getting like our interface whence it's, uh, running if no records are picked, it should fail.mething like that should be written, correct?Where yes, yes, correct. if you see here in the log, , if you see here in the log, no record found for customer identifier, then it should .And no record found for customer identifier e-mail notification and .And , I think of that question.I too got it.Like, I think you need to check with the Aritra in which Python script they have written how it's written, correct?.You want to know their logic is meone., , there's me logic.I'm not still thinking, . it should fail at second end, correct?, . what, what I know is , uh, this we, when no record is getting generated, uh, we, the procedure will update it as uh -1 uh, return time the and here in the X form, if I show you, you will see here it is returning, uh -1 when it is -1 we assume there is no records getting no file got generated.And hence Aretha has like 4 like he's added, he added the code in the notify step.Uh, that the IT here al in the log, you will see the process has successfully completed, but there was no file to process. he has added the logic over here that it didn't.It will not run these X-ray transfer job for this run.OK, we'll check with logic how they can't,

how they return, where they return., , that , in detail he can explain.OK, he's sure.For this, uh, customer ID and MDM, how much stack it is, you know, or not for your site mething, umm, how many means how many DAG for your site?Like you show like 2 Dags now only two Dags, one for customer MBR and one for customer ID, OK.For these two interferences, there are only two Dags., , .111 DAG for each interface.It is no IDOC or mething or it is all in scheduled directly.Now all are no, I think customer ID and MBR all customer interfaces I think they are scheduled to run every 10 minutes.I I think they are running every 10 minutes.That's OK.I think that's what the schedule is as of now.But if it is changed or mething as updated that I'm not aware of.OK, OK.Then I will check.But that's what we tested in UAT al and the schedule was discussed. we tested it in UAT al whether it is running every 10 minutes and we are, we checked it in in the air flow al