

FY25 Q4 Migration Office Hours [AmericasEMEA]- 20250611_110152-Meeting Recording

June 11, 2025, 3:01PM

1h 6m 0s

● **Amy Jarosky (AG Consulting Partners Inc)** started transcription



Amy Jarosky (AG Consulting Partners Inc) 0:12

Welcome, everyone. Thank you so much for joining us today for our FY25Q4 migration office hours. We are very excited to have you all here today to give you this quarters update.

As always, we are recording this call and the recording. Thank you for the applause. The recording will be available on the FPC Portal blog within the next day or so, so if you'd like to rewatch the session, feel free to head on over there and you may do so. If you have any questions along the way, post your questions in the chat. We have an awesome team here on board ready to support you throughout the presentation and at the end we will also enable the mics so you can ask your question in that way. If you'd like to turn on live captions, you may do so in the teams app by the more button. Again, thank you very much for joining us today. And I will now hand it over to Kat.



Katarzyna (Kat) Wojtyczka 1:19

Global hello to everyone. Thank you, Amy. Thank you. As always for this amazing introduction. I think you're I really love how you set the pace. It's really, really good and I love your energy, so hello everyone. It's been a while and it's quarter four of this wonderful fiscal year, 25.

Today we would like to, before we move to the agenda before that, we would like to welcome you all and just as a heads up, we have some polls.

Prepared so as you know.

Quarter four is also when it's time to think about what to do next, what to deliver will tell you a bit today about what we think and we're happy that happened this fiscal year. But right now we would like to know what would help you use the fast track migration benefit with customers. And as I can see that we still have some folks joining.

Please let us know, share with us what would help you use the fast drug migration

benefit with customers.

I mean, of course I understand that you might not have the time to write a 300 word essay, but.

If there's anything that comes to your mind, please share it.

And.

We'll take all of the answers.

And we'll include them in what we'll work on.

Moving to next fiscal year.

You see one respond. Thank you so much.

Two responses, yes.

Feel free to be honest. Please do. I guess honest responses are always helping us to have then.

Conversations and, you know, be the advocate of what would help you to use the benefit more.

Someone responses awesome.

Wonderful. Thank you so much.

Keep on, keep on populating.

Wait, I see some very interesting.

Suggestions. Sandbox demo. Yes. Good. I'm glad it keeps on coming back. 'cause. I'm quite passionate about it myself.

I see some vouchers alright, so it's good. Thank you. Thank you so much for sharing.

And I guess it's 5 past the hour, so I think it will be also a good moment to whilst you can still.

Type in your answers. Share them with us. Let me quickly show you what is on our agenda for today.

So as you can see.

Today we all, as it started to be our tradition, we're starting with the fast track migrations route map. But today I think, like I said, today we'll talk about what we're proud of and what landed. So what?

Yeah. What stopped being just on the road map and what became fast track migrations benefit.

And that will be Jules presented by Jules today.

Then Jules.

I will also mention and explain a bit more about the latest item that landed, which is Google forms. I'm sure you'll enjoy.

As well, followed by Jules presentation of the realm of Google Workspace will have Dave Parlante our amazing expert on migration manager and content migrations. He will walk us through updates on what happened in with the within the space of migration manager tool.

The first party.

I hope that you enjoyed this content equally as the Google One and then at the end I know that it is the topic that has been sparking quite a lot of attention and enthusiasm, so we'll continue to share news about the partner community qualifications. So FPC qualifications use and as you know, that part will be presented by the one and only Tony Curry.

I guess when you hear Tony, I'm sure you have very high expectations on the content and it's good 'cause. You'll love it today as well. And then at the end, like I promised, we'll have the Q&A. Amy will enable the and.

We'll invite you to a conversation. We'll invite you as well to use some other we have two more polls to ask your input on.

And I think that with this, did I want to say anything else?

I think we're good. Maybe just to mention that those of you who are rather shy or want to ask a question during the presentation, please feel free to use the chat because we are all here monitoring whilst our colleagues are presenting the content. So without further ado.

Migration Benefit Update Jules this stage is yours.



Jules Humbird 6:42

Hello, thanks Kat. You can go ahead and move on to the next slide and we'll just jump right into.

We accomplished this year so far.

I'm with we we're we're heavily involved in tenant to tenant right now with our private preview customers. There's a lot of qualifying factors to to to qualify for the the fast Track Lead preview for cross tenant it. It does only apply currently to OneDrive and exchange. SharePoint is still also in its own preview but we are working on that and there's.

Also an effort for getting teams in in the scope of cross tenant migrations, which currently isn't isn't there yet, but we'll that's being worked on. It's highly complex and and to not be too technical. They're having to develop some pretty specific new APIs to get to get those teams chats over cross tenant.

So with that being said, again, the previews through the end of the month currently with the qualifying factors I can, I could definitely see it probably going further than that, but we'll see when that comes, when the end of the month comes.

Next is the Google Workspace. We're always in competition with, you know, making sure our tooling is as good as the third parties.

Forms was recently this year.

Included in the scope for Google forms migrations directly in migration manager. We recently went general availability in the migration project cards for Fast Track as well so forms and I'll go into that a little bit more detail in a bit. We also have a mailbox analysis.

Tooling that's out there for analysing the source of a Google mailbox to allow for, you know, planning of how to migrate those mailboxes. We have several different options for migrating a Google mailbox outside of the standard.

Offering and we can we can accommodate up to 1.5 terabytes out of Google and. And recently we were even able to make some exceptions for customers that exceeded that to get those very large mailboxes over and and get their migration unblocked.

And so we're, we're we've been working on that something that's not quite migration relate or specific but definitely was part of our migration discussions with product group.

We have tooling now within Excel. When an Excel file is migrated from Google, there's there's an analysis tooling in built into Excel that will help users with correcting and fixing their formulas that may have issues post migration. Not exactly a migration tool, but was definitely part of.

Of our migration efforts to have that built into Excel for customers and and that's also generally available currently and then with Google Permissions task delegates those that's been GA for a bit. It is on by default worldwide. I'm bringing over the users permissions, their delegates and the tasks in in Google it is by default. It does require additional the tasks itself does require additional API. The task API enabled and the scope you know in in the in the Google project.

On the Google side, but they it will migrate by default without any additional interaction as long as the configuration is there.

And our big announcement is that, you know, for fiscal 26, we're lowering the licencing requirements for for migration benefit from 500 to 150. What that means is that now if the tenant has 150 eligible licences, they'll have the ability to enable.

Migration hub within fast track and use it for migrating their their acquisitions and such. It's it's extremely common right now that we have customers that are you know merging and acquiring and divesting and this this lowers that eligible eligibility from 500 to 150 and and it's not 150 mailboxes need to be migrated it's there's eligible licences in the tenant over 150 then they could connect.

And use fast track for you know, say, a small organisation that they acquired and and merged them in with them.

Using Actualizing and our monitoring and such.

OK. So that's what we got going on right now and we'll have more next quarter because we're moving into the new fiscal.

And let's go into a little bit more detail about Google forms. So currently with Google forms, if you want to migrate them manually in the SharePoint Admin Centre along with your Google Drive, you can you just have to go into each individual user and set the forms destination within within migration manager for each of those. These screenshots don't represent that, but there is lots of information out there that does represent that publicly.

In the fast track environment, what we did is we built in the the screenshot on the left is the project card settings for a Google forms migration or for a Google Drive migration. Because the forms are part of the drive and on in our environment they land at forms.microsoft.com for that user.

And and and the forms destination you know the the screenshots on the right represent what they see after the forms have migrated, they will have a container within their forms portal that shows.

They have forms migrated from Google and then the screenshot below is their actual individual OneDrive where the forms responses are migrated and within this folder there will be an Excel spreadsheet for each form named you know named after the form which will which contains all of the answers to the questions that were within the form.

I'm just for historical you know, reference. We we don't have the capability right now to bring over any workflow.

Such that if if those forms had.

And I'm not sure if we're going to be able to read that information out of Google, but but for now, we can bring over the form the structure of the form, what the questions were, what the options were and then and then they will be a Microsoft form on on this side, on the destination. And then you'll have all of your responses,

you know, in an Excel sheet and to be analysed or reported on separately.

And this is what Google forms looks like now. Oh, I'm sorry, I forgot the most important piece of this you if the Google forms is set to yes in your project card, there's nothing more to be done. We will automatically using using our logic, apply the target user UPN to not only their drive, but also to their forms destination since they are the same, they're this. It's the same thing. So instead of having to go and set the forms destination.

Each and every user within your migration in MMP, the the tool, our tooling, the fast rack tooling will automatically set those destinations and move those users forms without any additional work.



Dave Parlante 14:01

That makes it a little easier.



Jules Humbird 14:02

It does, it does, and it puts, yeah, it gives us a little bit of an advantage over manual migrations through SharePoint admin. Over to you, Dave.



Dave Parlante 14:14

Thank you. As everybody has said already, I'd like to also thank everybody for joining. I'd like to cover just some topics on migration manager itself and some of the stuff that are wonderful engineering team and developers have been able to accomplish over the last year thanks to many of the asks from partners and customers.

We'll jump right in. So with migration manager and the in the in this fiscal year, some of the changes we've made that have been.

Quite requested. As I mentioned earlier this these are the topics I'd like to go over with you, so the ability to skip scans in box. I wanted to point out that that has always been a a feature within fast Track led migrations. So a customer can jump in and kick off a box migration without having to do a scan. If they are fast track led but previously.

If they were doing a self led migration, they were not able to do that as of today they can now.

And the reason one of the reasons why it was developed that way to enable the option to skip scans is box has.

Been, I guess the the right way to say it is charging. I I hate to use the word charging

but they have been charging a lot of customers for overages on API calls. And obviously if a customer doesn't want to have those extra costs.

Implemented into their migration, one of the ways that they can reduce API costs is to skip the API or the the box scans.

Scans do you consume APIs? So as of today you can skip AP scanning to reduce those API calls in both fast Track led and self led migrations.

We won't get into too much details on Google's forms, which has been implemented in this fiscal year because Jules just covered that.

Migration Manager, Asian Version 2.3, was sent out a little while back and this is for file share migrations and the agent is what's installed on the VMS that perform the actual work to get the files.

Migrated from a source to destination they.

Increased its efficiency in the in the agent itself, so much better throttle management we were seeing, you know, some customers reporting throttling based on the way the the agents were handling the migration. So that has been improved and much better we've seen across the board quite a bit of a lot less you know escalation from customers on throttling.

Keep in mind this is for all migration types, not just file share migrations. But do keep in mind a lot of times. It's not so much throttling you're seeing if you have customers that that notice that migrations are doing much better during off peak hours than than non off peak hours, that's actually you know part of the algorithm that's that's by design. So when we say throttling we're we're referring to when there's actual. You know restrictions and throttling.

That slow down the migration very noticeably, so that's been improved that. That's the portion that we're referring to that has been improved with our our agent version 2.3 also across the board and this fiscal year, we now support up to 250 GB in file size.

So file share box, Dropbox, G Drive, all of those previously especially for the cloud to cloud migrations, they were 15 gigabytes. And as of this fiscal year, we have now. Implemented the 250 gigabyte excuse me support so if you have customers that have larger files, sometimes they're movie files or psts we can migrate those now up to 250 gigabytes.

Google File versions also is now supported this fiscal year. If you set your.

Settings in migration manager for how many versions you'd like to copy over when we kick off your migration for you in fast track, it will respect those settings.

Manager. So if a customer wants to migrate the last one or two versions of their G drive files, that would now be supported. That does have a cost associated with it in time. Meaning if you are migrating you know 100,000 files and half of those have versions and you select one or two then you know it's gonna. It's gonna migrate those previous versions on those files that have.

Those previous versions, so it's gonna take more time.

To migrate that specific user with those extra versions. So do keep that in mind when you are discussing how many if you if you want to turn on file versioning and how many file versions you want to migrate.

Last but certainly not least, on this page, e-mail notifications are not supported. This is specifically for self led migrations because in and a fast track led migrations we do have the option to add recipients for notifications in our project cards to notify whoever you want whether it's ADL or individual people.

Those emails would come in and let them know when a migration's kicked off, and then you'd get regular progress emails up until the final e-mail customers have asked for that option to be enabled in migration manager specifically for for self led migrations, and that is also not supported in migration manager.

Last slide for me, but certainly not the least, is a topic that we wanted to discuss that has come up quite a bit recently and it's with regards to permissions mapping within fast track, excuse me. So this is only impacting cloud to cloud migrations. So Dropbox, Box G Drive.

There is a feature called domain mapping.

Laser here.

So when you sign into the fast track portal.

This banner will come up for these type of migrations, notifying customers that.

For domain mapping, reach out to the Microsoft support team or migration support team. They're known as MST and what we're referring to here is.

Within Fast Track led migrations, if you want to utilise what you see in yellow, here a domain mapping.

You'll need to reach out to the MST. MST has to enable a flag and what this?

Like does. Is it? It switches off the fast track migration hub permission settings and now respects migration manager settings. The reason this is being done is because if a customer has let's say let's just say 1000 users and they upload a permission mapping file showing the source UPN like you see here to the destination UPN right here.

And they have 1000 of these in their mapping file.

That would be fine in a fast track led migration. If they're uploading 1000 users in their mapping file, but if they have many thousands, usually if it's beyond like in the 10s of thousands, or they prefer to use this this domain mapping.

With this domain mapping, does is if you have even, let's just say let's just make up a number here 30,000 users that all of their UPN addresses in the source are the same in the destination, so they sign in with the exact same UPN address in both.

Person destination. There's really no need to make a mapping file of 30,000 users.

You know these UPN addresses, this one map mapping right here that you see in yellow will cover all of your users that sign in with the same username and the same password. Both or sorry not password. Same username and both the source and destination. That is much handier or much quicker and much more efficient to create, obviously than than a a list of 30,000 users.

So.

In order to utilise this domain mapping you would set it up in migration manager versus the fast track hub and our tool will respect those changes so long as as noted in this last bullet over here, you let MST know that you want to use domain mapping and they will flag your your customers tenant so that it respects this the permission settings in migration manager instead of the fast track hub.

And that pretty much covers.

My end of the topics, so I will move to the next slide, which would be our wonderful Tony Curry.



Tony Curry (AG Consulting Partners Inc) 23:23

Thank you, Dave. Thank you and a global hello to everyone, wherever you are across this great planet of ours that we all share. My name is Tony Curry, curriculum manager for the Rcde team. I'm here to talk with you today about the fast track partner community qualifications. OK. So the first slide I want to talk about here is the the results, right, the results of the fast track migration qualification so.

I've got to say all of your efforts in the FPC qualifications as a whole.

Not just in a migration space has been very humbling, but today I want to talk about very specifically migration qualifications. So as we see here on this particular slide for the migration associate exam, we're going to just kind of just talk a little bit about the different regions here. So we see in the Americas region just kind of going in alphabetical order in the Americas region 5 completed.

Five in progress and 13 not started, so this is, you know, on the Olympics. You know, I'm a big Olympics fan. So you know the bronze, the bronze medal.

Goes to the Americas.

The Amir regions, I'm going to skip over in Asia right now in the EMEA Region 9 completed, 5 in progress and 22 not started. But in the and that's emia.

Congratulations on that silver medal and America's congratulations on that bronze medal. But on the top of the podium, the Asia region give them a hand use that react panel. I'm not sure if anyone's on from Asia but.

30 completed migration associate exams, 10 in progress and seven.

Not started, so you know what? I'm not gonna drain the slide here and just read every single thing on the slide. But what? I'm going, I'm just gonna just breeze over to migration process specialist exam. As you can see here on the bottom right hand side of the screen as well. Bronze Meadow goes to Amia Silver Meadow goes to Americas and Asia once again achieving that gold medal so.

The what I really want to say about this particular slide right here as we move forward right now is that I want to take a moment to emphasise the importance of re engaging with the qualifications that are in progress.

And those exams had not that have not started yet, so the in progress exams, you know, evidently either you're studying or you know, as things just, you know, as things just get you know on your To Do List things get bogged down. So I really, really want to encourage you to re engage if you have an exam in progress. If some of the people that report to you and your colleagues have them in progress.

You know, I want to encourage you to to, to re engage right to re engage and complete those exams if they're not started, meaning that you've registered but you just haven't had a chance to start the exam and complete it, you know.

It's an open book exam, so it's not less so like you look, if you have your Prince two certification or your PMP certification and there's not open book, you know we want you to engage in the readiness, go to the migration learning page which is aka dot msfpc.

Fast track migration. I have to think about it for a minute. Go there. And while you have the exam open.

Engage with the readiness.

Get your learning and then complete the exam, so I definitely want to encourage you to do that. So let me just tell you this by completing these qualification exams. It's not a check box on A to do list. It's an opportunity to elevate your expertise and

showcase your commitment and unlock new possibilities for growth and success. So I hope that this re ignites that spark of enthusiasm.

And tackle those qualifications with renewed vigour.

And for you as well as if there's individuals within your fast track practise that should have this knowledge, encourage them to to to take the exams right and then to use that those those badges that you earn on your e-mail signature and your LinkedIn profile and maybe even on your company's website as well because so imagine the sense of accomplishment and the doors that will open once you've completed these. Exams plus.

You'll be setting a fantastic example for your peers and customers, demonstrating that you're always striving for excellence. All right, so let's go ahead and move on now. Here, I want to talk about some excitement that's going on in social media. I'm just going to out myself, I will admit I am not a big social media fan. I never, OK, I was going to say I never have been. That'll be a lie. I used to be. But at any rate.

Here's the excitement going on on on LinkedIn so. So by leveraging this qualification. Artners can effectively engage with clients and colleagues, right, drawing attention to your expertise and offerings, not just on LinkedIn. You heard me mention also, of course, your e-mail signature. Your actually, if you see an e-mail from me, you'll see all of my qualifications, my military ones, my.

Collegiate ones, my professional ones as well as my FPC qualifications as well, so I hope you're doing it also. OK, so by leveraging this qualification of course like I mentioned, you'll effectively engage clients and colleagues through many different things, social media.

LinkedIn, through your post on Viva engage. So I want to emphasise the importance of this. You know the digital presence of this and what we'll bring to you as well as your partner organisation in today's business landscape so.

As you can see on the slide, there's many dedicated professionals that you see here who've put their badge that they've earned or badges that they've earned on LinkedIn and they've talked about what they gain.

From the qualifications. But one thing that I have noticed myself is that I have never seen anyone put their migration qualifications on LinkedIn, and I know a lot of you have completed it. So I want to encourage you to do so on LinkedIn, tag your PSM, there's some great PS Mississippi that are on the call right now. And so tag your PSM on your FPC qualification, your migration ones as well as the rest level but.

Definitely tag your PSM as me as well and you'll find me of course Tony Curry.

You know, there's not too many Tony Curry's that look like me on LinkedIn, so you'll be able to easily find me.

But just imagine the sense of pride and recognition that comes from earning these qualifications. It's not just about the badge, it's about the journey, the growth and the distinction that sets you apart in the industry as a fast track community partner. So those who have shared their achievements on LinkedIn are not only gaining attention and recognition, but they're also inspiring others.

To strive for greatness.

And you remember what I said about we're all connected on this great planet of ours. You know, it's all, you know, encourage others to strive for excellence. If you know, in, in, in the case of, let's say, FPC qualifications. But of course, with that striving for recognition and distinction and honour. So whether you post it on LinkedIn or display your badge and your e-mail signature, it garners attention to your commitment of excellence. So whether you've gained.

Qualifications or the migration associate or as a migration process specialist.

Or both. I wanted to tell you congratulations. I am very, very, very, very proud of you. Congratulations for doing so. If you've got that gross qualification, if you're striving to do it, definitely. But I hope that you know you use this this reactive use the reaction panel and applaud each other. We want to you guys always encourage each other and Viva engaged love to see that also when we have these open office hours calls where you get encouraging each other. So if you haven't already and.

Posted it on LinkedIn. Your qualification badge and I want to see the migration ones up there as well. Use the hashtag gotfpcqualified to spread the word tag your friends. Like I said, tag your PSMS tag me tag your colleagues. Let's create a wave of excitement and motivation that encourage everyone to aim high and achieve their goals. So together we can continue to build a community of professionals who are recognised for their dedication.

Expertise and passion for excellence, OK.

Now let's talk about, you know, I'd love to see fanfare on this particular slide because previously on the FRP qualifications of 2022 that there was a lot of a lot of engagement.

And these I'm going to call them top tier migration qualifications. So they are two of them, one of them the fast track data migration technology specialist, wouldn't it be great to earn that distinction and honour right to to be to be, to be that so.

Is dedicated to professionals who are who want to, you know, have that distinction

and that capability of a migration technology specialist. So the personas for these individuals you see here on the slide here is those were involved in the work of fast track data migration using the various technologies and tools necessary to assure the migration, a migration engagement is successful. So what I'd like to say about this, this is for the individuals.

Your organisation who actually do the work of migration, they don't necessarily cascade the benefit you know, of course, that's main POC programme, sponsor, sales engineers, presales, business development managers and so on. The migration associate and all up, right. But this is for the people, the individuals who do what I like to say, the grunt work we used to call in the military, those who work for a living. But those who actually do the work of migration.

Who are doing the things that let's say Jules talked about and Dave talked about to make sure that that engagement is successful. But the next one that's coming in June, you see both of these coming in June, is the migration expert having that distinction that honour, that badge, that, that badge that you earn, that Microsoft FPC qualification badge, either one of these?

Wow, it just lends to so much credence.

To your knowledge, your capabilities, and so this particular one for those also involved in the work of fast track data migration using the various processes and technologies as well as tools.

With a superior expertise, so it's necessary for those to assure that a migration engagement is successful. OK, so whether you've attained the migration associate or the migration process specialist or both, I definitely encourage you if you're doing the work of migration to obtain both of these qualifications. And I'm just going to preface it with this.

These are very difficult qualification exams. They are. I'm not going to lie to you. I just want to give you just I'm very, very honest and and and very open and transparent.

These are very difficult exams but you can do it. I know you can if you're on this call and you engage in migration and you've been engaging in a readiness.

And you do the work, you can get this. I you know, a lot of the qualification exams, I call them qualifications call them qualifications.

But in these two, I kind of air quote certifications right? It's not a Microsoft industry certification, so I'm gonna be very transparent with that, but they're so stringent and so it's not the like the other ones aren't stringent as well, but these take things, these two exams coming in the summer of 2020. I can't believe I'm going to say 2025 these

coming this summer.

They take things to the next level, so I hope a lot of what I talked about today creates a wave of excitement and motivation that encourages that, encourages you.

Fleet the not started exams or to start them as well as to complete your exams in progress right to to go ahead and do that because I want everyone to aim high to achieve their goals, right? All of us have goals for our careers. We want distinction we want.

Capabilities, we want people to recognise how great we are, so I hope these migration qualifications can give you that and together we can continue to build a community of professionals who are reaching, who are recognised.

For their dedication, expertise and passion for excellence. So I'm just going to say onward and upward, and let's continue to support each other in every space and in everything that we do. So back to you, Dave, Jules and Kat.



Dave Parlante 37:03

Much appreciated, Tony.



Katarzyna (Kat) Wojtyczka 37:04

Thank you, Tony. Yeah, Tony, we have a question here. 'cause, we have Eduardo Alcobert who mentioned that he completed and he downloaded apdf after completing certification. But it doesn't appear as Microsoft certification. I guess that's expected, correct?



Tony Curry (AG Consulting Partners Inc) 37:05

Welcome, welcome. Welcome, welcome.

Mm hmm.

That that is expected because it's not an industry standard or sorry, it's not a Microsoft certification, it's more of a fast track partner community qualification, but that does bring up another point. It is something that we are working towards. I'm not sure when it's going to occur but ever since its inception the qualifications which was in 2022, we have been working towards that so.



Katarzyna (Kat) Wojtyczka 37:41

Mm hmm.



Tony Curry (AG Consulting Partners Inc) 37:50

Do be looking forward to. That's coming at some point, but yes, at this point right now it is recognised within the Microsoft Fast track partner community.
Only.



Katarzyna (Kat) Wojtyczka 38:01

K Thank you for clarifying this 'cause we have we have some.
Discussion about it in the chat. Also, Eduardo mentioned that the link the exam provider makes appear in LinkedIn when sharing the badge doesn't work.



Tony Curry (AG Consulting Partners Inc) 38:19

Interesting.



Katarzyna (Kat) Wojtyczka 38:20

He shared it.
On its day, it just goes to an empty page.



Tony Curry (AG Consulting Partners Inc) 38:28

So are we talking?



Katarzyna (Kat) Wojtyczka 38:28

And this is about migration associate.



Tony Curry (AG Consulting Partners Inc) 38:31

The migration and I want to make sure I understand the question correctly. Eduardo, are you saying that when you click the link to put it on to put your badge on LinkedIn or?



Katarzyna (Kat) Wojtyczka 38:35

Mm hmm.



Eduardo Alcober 38:42

Yes, sorry, sorry for my for my explanation because I think I have to delete fast. But yes the point is you know that when you complete the exam, you have the

opportunity of sharing it in lingering. And then I I did it and you know the expected behaviour. I think it should be to be linked at least to the exam provider where you pass the identification because that was the issue I was facing facing when I.

Was requesting to present any kind of proof of completion in my company. They looked for the bats associated to one of my learning profiles to make it official, you know.

But the only thing I got it was just apdf so it was just for selling my experience because I think to have that kind of proof of completion available links to a learning profile, any kind of of it and good news. I have already heard you are working on it Congrats because it will make it more valuable for us to get the bats so that that was the point. I don't know if have I explained it well.



Tony Curry (AG Consulting Partners Inc) 39:48

You have you have a bottle, so Speaking of that it sounds like and correct me if I'm wrong, it sounds like the expectation from your superiors is that there would be a certification number associated with your completion.



Eduardo Alcober 39:49

Thank you.



Tony Curry (AG Consulting Partners Inc) 40:22

That's it, OK.



Eduardo Alcober 40:23

Because of that disappear and it it was some travel to find to track it, you know, to show it.



Tony Curry (AG Consulting Partners Inc) 40:30

Right, exactly. And so and I think that so the the the behaviour that you're getting is somewhat expected because we decided not to use credibly for this because like I mentioned before, it is not a Microsoft company related certification.

And so it's just fast track partner community.

So although I receive reports, let's say Eduardo, that you have completed the the qualification, there is no credibly.

So you should you should get the certificate though, and your badge after you've attained qualification. Did you get that? Did you receive that?

 **Eduardo Alcober** 41:10

No, I I only get this PDF on the expert on, but when entering currently the expression I can't find the course of migration associate in my. You know, the typical section of your completed courses or attended meetings, you know, but it it doesn't appear it's the migration associate to 2022.

I have the the PDF in front of me. Yes I I get it on February of on 2023 February on 2023. That's it.



Tony Curry (AG Consulting Partners Inc) 41:35

Ah, so we're talking the older one. OK, got it. You're talking about the older one.

Oh, I see. I see. I see. I see.

So that one is, let's let's take it offline as I'd love for you to e-mail me, I'm gonna put my e-mail address in the chat here.



Eduardo Alcober 41:53

OK.



Tony Curry (AG Consulting Partners Inc) 41:54

And please e-mail me because that was an older qualification. Now for those of you and so not just to you, Eduardo, who completed the previous one, I definitely want to encourage you to utilise the, not utilise, I'm sorry to engage in the FPC qualifications. The new ones?



Eduardo Alcober 42:13

But of course I will.



Tony Curry (AG Consulting Partners Inc) 42:15

As well, because there's increased knowledge. So although there was a migration associate in 2022-2023 and as well as some process specialist and a technology specialist and a migration expert, these newer exams are is think of them as, let's say retaking your PMP exam to stay up with the most up to date knowledge.

 **Eduardo Alcober** 42:39

The motion. OK. Thank you very much. I will do I will do.

 **Tony Curry (AG Consulting Partners Inc)** 42:40

Right, but you still should have access. Yeah, but you should. You still you should still have access to your previous badge as well because you need it. You need it? Yeah, it shows a it shows a progression.

 **Eduardo Alcober** 42:51

That's it.

 **Jules Humbird** 42:51

Tony wasn't that on a different platform.

 **Eduardo Alcober** 42:54

Thank you. Thank you.

 **Jules Humbird** 42:55

Tony and I took it in 2022, but that was on a different platform like there was some some third party that we would log into with a partner credential.

 **Tony Curry (AG Consulting Partners Inc)** 43:05

That's correct. Yes, that is correct. That's correct. But you should still have access.

 **Jules Humbird** 43:07

OK. And that I mean and that just?

OK, I'll have to take a look. But and that would never first of all, we don't even do cradle anymore. All of my Microsoft certifications are starting to expire incredibly because we don't connect with them any longer. Yes, so there's that. But we would never see these in my official Microsoft certified transcripts, right? This this wouldn't land there. OK. Yeah, I I I've never have. So. And I wouldn't expect it to because they're not proctored.

 **Tony Curry (AG Consulting Partners Inc)** 43:11

Yeah, yeah, yeah.

That's right. Yes, Sir. Yeah, that's right.

No, you won't. You won't be, won't.

Right.

Good points.

Any other questions on the qualifications front? I will admit I haven't gone through chat totally yet.



Jules Humbird 43:55

There's a very long list of what four questions that I think we should discuss. I'm.



Katarzyna (Kat) Wojtyczka 44:04

My idea to to tackle that one once we are sure that the qualifications topic is is drained.



Jules Humbird 44:04

Yeah.



Katarzyna (Kat) Wojtyczka 44:14

Tony, I also did A at in the chat with your name so that you can see Eduardo's comment in question.



Tony Curry (AG Consulting Partners Inc) 44:23

I appreciate it. Thank you.



Katarzyna (Kat) Wojtyczka 44:24

It will be easier for you to find it, but I I guess you've just addressed all of it. So I think that would be that would be OK.

So I guess Jules, do we tackle 1234?



Jules Humbird 44:37

That's yeah, I mean that's a good question because I'm business basic licencing has always been capped at 300, which would have been below our 500 in the past. And

and do we know if it with is business basic and business premium are those going to be qualifying licences.



Katarzyna (Kat) Wojtyczka 44:49

Mm hmm.



Jules Humbird 45:00

Because we would, we wouldn't have seen them in the migration space before since they were capped at 300.

That's something we might need to just take take away 'cause I we hadn't talked about that yet. Honestly, I hadn't come up that, that, this, this type of licencing.



Katarzyna (Kat) Wojtyczka 45:09

Yeah.

Yeah, I guess it's always. Yeah, I think it's always best to even do an RFI because this lands with the team who tackles and is always up to date when it comes to licencing.



Jules Humbird 45:18

We would have never seen it before, yeah.

Mm hmm.



Katarzyna (Kat) Wojtyczka 45:30

And then even when you erase such RFI.



Dave Parlante 45:30

Yeah.



Katarzyna (Kat) Wojtyczka 45:34

Follow up with your PSM and the PSM can contact us as well if there's you know.

Any.

Oh, Oh yes. I think someone unmuted.

Please.



Jules Humbird 45:53

And if we move to question two there, we can work around that. If there's an intent,

then we can absolutely engage. If the licencing is not yet provisioned in the tenant, but if there's an, if there's an intent and there's a, there's an account team currently working on it.

There's absolutely I've been involved with migrations before. The licencing actually was in the tenant.



Dave Parlante 46:17

Yeah, same here.



Katarzyna (Kat) Wojtyczka 46:18

Yeah, yeah, same here. But that that was. Oh, sorry, Dave.



Dave Parlante 46:20

As far as sorry.

As far as question three goes.

Time to estimate a. Yeah, yeah. Time. How long it's gonna take to perform a migration? It's it's gonna vary. I mean, I've just as an example, I've seen, you know, customers with the exact same amount of data size wise and maybe even file count wise. Some customers are gonna take much longer than other customers because of complexities within their environment. So we can.



Jules Humbird 46:27

Everybody asked that everybody asked that, yeah.



Katarzyna (Kat) Wojtyczka 46:29

Yeah.



Dave Parlante 46:52

Our migration SMEs, we're very good at coming up with an.

About like an estimate, once we know the full details of your migration type, we can usually come up with an idea of how long it should take, but we could never make a promise or guarantee. Obviously on those time frames, but things like, especially in content migration, things like are you migrating permissions, how many permissions, how many nested folders you know, folders within folders and those kind of things.



Jules Humbird 47:20

Versions.



Dave Parlante 47:22

Yeah. If you're going to enable versions, that's going to add more time. So there is no real way to say yes, this is going to take.

10 days it just it doesn't happen. But a lot of times we can come up with a fairly close guesstimate on based on educated guesses from previous customers with similar.

Migration types.

Let's see.



Katarzyna (Kat) Wojtyczka 47:43

Yeah. And then it's and. OK, sorry guys than me. 'cause. I know that everybody loves content migration, but don't forget about exchange, OK?



Jules Humbird 47:43

And once you.

Store. Yeah. And that and that the source. Yeah. It the source is going to determine, you know, we have throttling on the Google side. There's going to be certain limitations coming out of exchange based on bandwidth. If it's when it's on premises.



Katarzyna (Kat) Wojtyczka 47:51

Because as well, when you look, yeah, when you look at the learning centre. Mm hmm. Go.



Dave Parlante 47:52

Oh.



Jules Humbird 48:10

Exchange it's. Yeah, its own beast.

But once we have an idea of the data that we're looking at, you know, do we have

mailboxes that are over the licencing limit? Do you know what do we need to do to plan that?



Katarzyna (Kat) Wojtyczka 48:14

Yeah.



Jules Humbird 48:24

I think part of the question also is it. It typically takes about 24 to 48 hours for a migration to me to be assigned to a partner once they've put in a formal request. And so there's that timeline. You can always put urgency in the notes that you know based on what the customer needs to do if we need to get involved right away. If they have a blocker, we're going to obviously try to get engaged as quickly as possible.

I am, but yeah, every migration has its own time and we can always give them estimates based on what the source is.



Dave Parlante 48:56

Yeah.



Katarzyna (Kat) Wojtyczka 48:57

And I would just add that within the Learning Centre, I hope that at least.

70 or 80% of you have already visited it.

And know what I'm referring to. I'm just pasting a link to it. We do make reference of what exchange shared, so there you have an idea. A rough estimation on what the migration to exchange online could take from hybrid. So it's this could give you a good insight into what to expect because I know that timelines is always an important item to.

To tackle and to state.

And when you when you begin to plan a migration and don't forget as well that the first party to migration manager, they do have a time estimator tool. I also pasted a link so that you can use it as reference and you can check that seeing that Fastdrag uses first party tools right so.



Jules Humbird 49:58

That's a good point.

First party tools if you want a speedy migration. If you want your migration to have the least amount of throttling and such, you're going to want to use our first party tooling.



Katarzyna (Kat) Wojtyczka 50:10

So that's and then of course when you get engaged.

And you do require remember that you don't always require our assistance.

I think because the materials are so good that you can do it yourself, but if you want, if you want migration, subject matter expert assistance, get us on board, we can look at the data of previously executed migrations and give a rough estimation. But remember that.

When I say cheese sandwich, I'm sure everybody here in this meeting see something else and migration is like a cheese sandwich. It's never the same for everyone.



Jules Humbird 50:54

There's a hand raised.



Katarzyna (Kat) Wojtyczka 50:55

Some will have better, some will have lettuce and you know different types of bread. So that's what the source data is a bit like I think.



Dave Parlante 50:55

Yeah.

To add what to what Jules mentioned about having you know, using fast track with our first party tools. Also keep in mind when you perform a fast track led migrations, the fast track team, our our migration support team migration schemes if assigned we we do have a a closer working relationship with our our back end teams and a lot of times again nothing's ever promised or guaranteed but but a lot of times we have a closer working relationship with them and we can get things.

Plus a little quicker if issues do come up where.



Jules Humbird 51:41

It's a really good point, especially on the large migrations. If you have large migrations, you should absolutely be requesting a migration. To me, we have the year and and group chats with the the back end teams here that will we can escalate

so much more quickly than trying to go through Office 365 support. If you if you run into something and Dave and I cat we can all coordinate to make sure that your large migrations.



Dave Parlante 51:44

Yes.



Jules Humbird 52:07

Aren't disrupted and that we're expecting, you know, large amounts of data to be thrown at us.



Katarzyna (Kat) Wojtyczka 52:13

Yep. Thank you guys and Ahmed.



Dave Parlante 52:15

Nobody's yet.

Somebody's got their hand up.



Katarzyna (Kat) Wojtyczka 52:18

Puram, I'm sorry if I'm mispronouncing.



Khurram Ahmed 52:19

Yes. No, no, that's OK. No, no, it's OK. I was enjoying my tea sandwich. Don't worry about it.



Katarzyna (Kat) Wojtyczka 52:27

So I need to find something for the content migration.



Khurram Ahmed 52:31

Actually I have a question related to the. Well, I mean I guess it's gonna go for all the migration. So let's say I mean I have a customer like was it's an education customer 4000 mailbox coming from hybrid to exchange online 2016 on Prem. We went through the ADG and all that. So we suggested the hybrid model done the pre work requisites and everything we we we did a test migration. I mean the customer did test migration in the Exchange Migration Centre not in the.



Katarzyna (Kat) Wojtyczka 52:33

Mm hmm.



Khurram Ahmed 52:59

Portal. But my question is specifically the screenshot that I posted in the chat also about migration batches. I know it says that we should do a preflight. So what the preflight like for example so 4000 mailbox the total the total data count let's say is like.

One terabyte as as an example.

With with different size of mailboxes, so I know that maximum badges that you can simultaneously run are 100 if I'm not mistaken.

But what is the recommended number of mailbox per batch? Is it 150? Is it less than one 5200 or does it depend on the mail? OK, so in each batch?



Jules Humbird 53:40

2000.

2000 and and the yeah and the number of migration batches have been has been increased of 200. So if you if you use the fast track tooling and you threw 5000 mailboxes into a project card in the fast track tooling, the tooling will create the batches based on our logic. So you'll see a couple of 2000 batches and keep in mind concurrency in exchange IS300 unless you put in an exception. So you would always want to be migrating at least 300 if you want to make sure that you're taking up all of the concurrency that you can.



Khurram Ahmed 53:49

OK.

OK, OK.



Katarzyna (Kat) Wojtyczka 54:15

When we're talking about hybrid going to exchange online, don't forget about the network. Don't forget about the performance and don't forget about.



Jules Humbird 54:22

Network. Yeah, absolutely. Firewalls. Yep.



Katarzyna (Kat) Wojtyczka 54:28

What can the on site support tackle? Because you don't want to get overwhelmed and like cut over 2000 bandwidth as well and you don't want to stall the exchange. But even for the online sub, I mean for the support IT support IT support engineers that are on site helping the end users.



Khurram Ahmed 54:35

Yeah, the the bandwidth and everything.



Katarzyna (Kat) Wojtyczka 54:48

If there's something going wrong if you do 2000 but you only have people who can assist 500 of those end users with issues, I mean, I don't expect this number to be that high. It's usually around 10% of a batch that requires a support ticket within your organisation. I mean, but also consider this, this this supportability for the project team and for the IT support. Within that organisation is also an important factor.



Jules Humbird 55:20

Yeah, and I'm. I'm working on several.



Katarzyna (Kat) Wojtyczka 55:20

You can do huge things and then just cut over the amount that you will see with time. You can increase that number, seeing that there will be less issues or you know users will already have some knowledge base and know how to fix it themselves and they will not in panic immediately contact the IT service desk.



Khurram Ahmed 55:41

OK. So just to make sure that, yes.



Jules Humbird 55:42

Also consider also consider how many of those education users are on a Mac and using office.



Katarzyna (Kat) Wojtyczka 55:44

Mm hmm.



Jules Humbird 55:50

Those will have to be addressed if if they're using Windows, great, they'll get the little prompt that says your mailbox has been relocated. Reboot outlook, but that doesn't happen on the Mac. The Mac you have to have to go add your Office 365 account into the into the desktop client.



KA Khurram Ahmed 55:50

OK.

OK. So just to make sure, like if I have 4000 mailbox, they're migrating from hybrid to online. When we when we create a project card so basically it will be two badges for example with two 2000 mailbox in each batch right? Am I understanding correctly it will do it automatically like this way?



Jules Humbird 56:28

That's right. And and go ahead, go ahead.



KA Khurram Ahmed 56:30

But we can, but we can edit those badges, like making making little bit less in each batch, like for example from 2000 we can bring it down to 1000. We can do that.



Jules Humbird 56:41

So in our project cards you have two types of events. The initial synchronisation event and the completion event, and what you can do is you can put all 4000 into your synchronisation event and then you can create completion events of subsets of those users based on what your cutover strategy is. So you can have you can have a batch syncing with 1000 users in it and then and a completion event of only 10 or 50 of them, and those folks will be moved over into a completion.



KA Khurram Ahmed 56:46

Yes, yes, correct.

OK.



Jules Humbird 57:11

An event out of the synchronisation event. Only our tooling does this. If you were to do this directly in exchange online, you'd have to remove the user from the batch and start them new in a in a another batch. If you have them synchronised in one batch within Fast Track you can you can create multiple completion events based on who needs to go on which days and and cut them over in waves and what what will. Yeah, go ahead.



Khurram Ahmed 57:34

OK, so Anand, so another follow up question. So because I mean me personally, I'm I'm gonna talk about me personally we have. I haven't done this like in a long time.



Jules Humbird 57:44

There.



Khurram Ahmed 57:45

Would this qualify as an SME request just for me? For the one time to go through with this customer, so I don't so I can learn and and assist other customer going forward. Is this something SME can help with us, right?



Jules Humbird 57:58

I am doing that with three or four different partners just right now this week. Yeah, we, we, I don't even talk to the. I don't even talk to the customer. I just talk to the partner and make sure the partner understands how everything works.



Khurram Ahmed 58:00

OK, OK, OK. OK. Yes.

OK, OK. That that's perfect. Thank thank you. Thank you.



Katarzyna (Kat) Wojtyczka 58:09

Me too.

And folks? Wiles, of course we're on time, but whiles we'll tackle one more question 'cause, I see we have one more. Hey.

Hand raised.

Siamak fazali fazli. Excuse me if I mispronounce please have a look at the questions we're checking. If you have some success stories to share with us and as well, what sort of.

Content you would like us to add to the Migration Academy. Thank you, Amy, for releasing them. And now.

Yeah. See, I'm actually because I think we chatted quite a bit, but how can we help?

 **Siamak Fazli** 58:50

Hey, yeah. Thank you. I know, I know we're out of time here, but.

At the beginning of the call that we talked a little bit about cross tenant migrations. I know it's in private preview now. However, we did have a customer.

 **Katarzyna (Kat) Wojtyczka** 59:02

Mm hmm.

 **Siamak Fazli** 59:04

I chatted with a customer actually last week and they're doing a very small kind of cross tenant migration or roughly 50 users.

From the information and the data that I could gather, it's quite limited on what what can be done, what we can do, what customers can do.

Some of the documentation says that those add on licences are for enterprise agreement customers.

 **Katarzyna (Kat) Wojtyczka** 59:29

Hmm.

 **Siamak Fazli** 59:29

So I'm not entirely sure if that's 100% accurate.

 **Jules Humbird** 59:34

It is accurate.

 **Siamak Fazli** 59:35

That is accurate. OK, so they have to be an EA customer for for them to be able to do that.



Katarzyna (Kat) Wojtyczka 59:35

It is, yes.



Siamak Fazli 59:41

But as well you know, sometimes when we do have these calls with customers for things that may not necessarily be in scope for fast track, we obviously still want to help them refer them to ad GS, refer them to learn articles.

Is this part or portion of?

Migration still being worked on because right now the ADG is very limited. It's just a paragraph on on what cross tenant migration kind of is and then it refers us to another article.

Because I do want to help customers with articles and information. Yeah. Yeah. For e-mail setup. Yep. So right now it's quite limited. And, you know, we're a little confused on on it. I think customers are too. And then there's also other things to consider, like.



Katarzyna (Kat) Wojtyczka 1:00:10

You mean the advanced deployment guide by ADG, OK.



Siamak Fazli 1:00:25

Sync like topologies for synchronisation with their on Prem ad those organisation units so you know just some more information is kind of where my head's at. Is that something that's being worked on?

That we can, you know, learn, but also share with customers.





Katarzyna (Kat) Wojtyczka 1:00:43


OK, first ask if you don't mind reaching out to this e-mail address about the ADG because it's something that we're intending to review and build.


Starting now wish.


So I if you don't mind sharing your feedback on what your experience has been with the one that is currently in Mac, that would be lovely. I'd highly appreciate it and I'll pick it up. And if you don't mind, we're also meet and discuss it in more details.


 **Siamak Fazli** 1:01:07
Sure. OK.

 **Katarzyna (Kat) Wojtyczka** 1:01:17
So that would be on that planning.
I think that right now the only thing that we can offer for the first party is what is out there in learn about the the cross tenant migration for exchange online SharePoint which is in preview and OneDrive and this is also remember that FASTRQ uses the first party tools. So those are the tools that we're using.
Please remind what were the other elements because your question was quite complex and quite multi layers. There were like a lot of cheeses in that sandwich.

 **Siamak Fazli** 1:01:51
Yeah, lots of cheese, not enough lettuce.
It's mostly just around documentation. I mean, in my experience I I don't find that it's it's enough, especially around the OneDrive portion. That one, it looks like it wasn't updated in in some time.

 **Katarzyna (Kat) Wojtyczka** 1:02:01
OK.
Mm hmm.
Yeah, exactly. And did you check the the one that we have in the learning centre at fasttrack.microsoft.com?

 **Siamak Fazli** 1:02:18
If maybe, I mean you could share it with me in the chat. I could take a look, but yeah.

 **Katarzyna (Kat) Wojtyczka** 1:02:23
Yep. So I think that would be the Academy. So we do have, let's see if you can access it 'cause you know, remember that for our because we're in preview for now and we offer it as well as fast track.
I'm pasting the link as well as we speak, there you go.

 **Jules Humbird** 1:02:46

It's worth mentioning that once once, once cross tenant is GA for fast track, there's going to be an additional licence that will also have to be purchased for fast track consulting, so they'll pay a cross tenant. They'll need the EA. They'll need the cross tenant and they'll need the additional fast track add on for assistance and and the reason for that is there's a lot involved. I've I've run, I've run several these previews.

 **Siamak Fazli** 1:02:47

Oh, I see. I see that Jules. Yeah.

 **Katarzyna (Kat) Wojtyczka** 1:02:49

Yeah.

Yeah.

 **Siamak Fazli** 1:03:00

Oh, OK.

Yeah.

 **Jules Humbird** 1:03:15

You know, we have to put in multiple exceptions.

The customer so that their SharePoint environments stay at the same level and don't become incompatible with one another. So that means we have to do engineering on the back end for that and constantly check on it. There's identity considerations, there's all sorts of details that you have to consider when you're doing an exchange. You know there's a lot of risk because we're talking a cut and paste it and and that we see it move very, very quickly because it's all within our environment, but.

 **Siamak Fazli** 1:03:33

Yeah.

 **Jules Humbird** 1:03:44


The source is gone when these happen, so you have to make sure that you have set these up.

Perfectly for the best results and teams is coming soon. There's there's again, they're still working on that. It's very complex API that they're trying to get enabled and and set up and tested.

But I know they're hoping to have a a full offering by the end of this calendar year, but that's just. I'm just saying that I we can't be held to any, any, any date dates right now because they're very it's a very complex migration.

 **Siamak Fazli** 1:04:19

OK. No, no. For sure. Yeah, there's that's definitely kind of the the way our conversation went, lots of contingencies. You know, if they have on Prem applications kind of mapping those out, figuring those things out, it's it's quite complicated.

 **Jules Humbird** 1:04:28

Right and.

 **Katarzyna (Kat) Wojtyczka** 1:04:31

Yeah.

 **Jules Humbird** 1:04:32

These being in preview, a lot of customers are, you know, hesitant. They're like, oh, this is preview. Like we don't, we don't want to do this yet. However, those that I have completed thus far during this preview period.

They were up against timelines. These are these are mergers and divestitures and such that were requiring them get out of the tenant by a certain date. You know, that was signed. So our tooling, what what blows quest away in speed so they that's why they went with us.

 **Katarzyna (Kat) Wojtyczka** 1:04:59

Right. But I'm really sorry we have to be conscious of times, so.

 **Siamak Fazli** 1:05:00

Right.

OK, Jose, I'll message you on the side if I have anything. Thank you very much. Yeah.

 **Katarzyna (Kat) Wojtyczka** 1:05:06

Let's.



Jules Humbird 1:05:06

Sure, sure. Yeah.



Katarzyna (Kat) Wojtyczka 1:05:07

Yes, you can message us.



Dave Parlante 1:05:09

All right.



Jules Humbird 1:05:09

There's already people messaging me right now, so I'm gonna go chat with them too.



Katarzyna (Kat) Wojtyczka 1:05:15

So we'll start wrapping up, Amy.



Dave Parlante 1:05:15

All right. Thanks everybody. Go ahead, chat, wrap it up.



Amy Jarosky (AG Consulting Partners Inc) 1:05:19

Yes.



Katarzyna (Kat) Wojtyczka 1:05:21

Thank you for being patient with us.



Amy Jarosky (AG Consulting Partners Inc) 1:05:22

But of course, no thank you everyone. We want to make sure all the questions are answered, but definitely reach out to the team if anything is lingering, they will support you via e-mail or chat or however they prefer. But thank you again if you don't mind just chiming in on the polls and the event survey, we really value all partner feedback. I'll post it one more time in the chat, otherwise we will see you all very soon. Thanks again.



Katarzyna (Kat) Wojtyczka 1:05:51

Thank you for very interactive session. Thank you so much.



Siamak Fazli 1:05:53

Everybody.



Amy Jarosky (AG Consulting Partners Inc) stopped transcription