**Transcript**

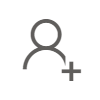
June 29, 2023, 8:31PM

 **Stouffer, Luke Stouffer** started transcription

 **Stouffer, Luke Stouffer** 0:03  
OK Dokie, I started a recording everyone's end so we can get started.

 **Speaker 1** 0:09  
All right, so we have a product that we started to build for a multitude of purposes, but now it's evolved because there's been changing priorities and.  
Precedents and what we need to do is find a number of different source data systems.  
Uh and get regular updates and some of it will require some crossover between the potentially using RPA to get data ingested until we can build a dynamic one as well as much of what has been produced using like containers to fetch data.

 **Yorko, Joshua** left the meeting

 **Yorko, Joshua** joined the meeting

 **Speaker 1** 0:48  
You you might have heard us talking through in the back, so hopefully you guys are seeing a screen here.  
Umm where?

 **Walkoe, Iver** 0:55  
Actually, Ron, if you'd use the the the URL it it was slightly modified.  
So instead of it being Waldo, Lookup just of have sassy look up.

 **Speaker 1** 1:09  
And then OK.

 **Walkoe, Iver** 1:14  
I think it's so.  
Click on lookup and the top menu bigger.  
The the, the the look up.  
There you go.  
There you go.

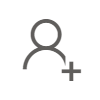
 **Speaker 1** 1:28  
So as it is, we want to effectively expand this tool into two different spaces.

 **Walkoe, Iver** 1:28  
You're so.

 **Speaker 1** 1:35  
So as an example, we won't sassy home to have everything in general context of how to use it and have you know references to documentation, procedure steps, things like that, training, whatnot with regards to these, we wanna have two different sections.  
We wanna have one that is fundamentally what we'll start as the audit and then the other one, which will be the investigation.  
So instead of having lookup, we'll have audit and investigation is both will require a lookup.  
Right now the intent is that as we're doing this, we need to look someone up.  
So I'm gonna use myself as an example.  
Think it's uh 15545 is my ID right?  
So you should be able to or we should be able to look up a person by their employee ID or last name, their first name, their short name, their email.  
We'll also be adding when we get HMS Records, there's specific GUID and I'll explain that just you guys understand that we don't have it yet, but we will umm.  
Here I have a GUID.  
That gets me in and allows me to do work, so we want to be able to look up not just by our short name from the game we'll directory, but we wanna be able to look up from the HMS IDM ID as well.  
So in all of these, we can we can find someone.  
So when we click on that, the antenna is that it searches, it comes up with a response and a result.  
And as we have here, we want to reduce this noise.  
We want to simplify it now.  
If we do stay with the, you know, catch here, we want to make it so that, you know, audits give us a frame.  
That's why I said we need to separate it from incident or investigations and audits because we don't want people taking snapshots of things they shouldn't and we need to keep a clear differentiation between what should be an investigation and what should be an audit.  
OK, now in investigation we wanna open up Pandora's box and present everything in audit.  
We need to reduce it to just the clinical details.  
What we've built as far as relatively good framework for doing the investigation, which is where we'll start and do the development primarily from, then we'll effectively replicate that inside the project to audit and then reduce out to stuff we don't.  
So to this example, we got a lot of things in this line here that we don't care about.  
OK, but what we want to do is reduce it.  
So we can say, you know, here's our employee ID.  
Here's their name.  
Here's their email.  
Their short name?  
Their regular employee type, they're active or they're terminated.  
And then, you know, here's their service state.  
Here's their hire date.  
A lot of a lot of blah, right.  
And we need to get a definitive list of what we want here.  
But we're gonna reduce it down because we don't need to have it go all over the place.  
We only need the key things that we just were comparing against for a look up.  
Do they have an HMS ID?  
If they don't have an HMS ID, we'll put in there not identified or none found, right?  
But we need to stitch that stuff together, so once we see this summary right, we also wanna see if we can like the last action date.  
But when it drills in.  
It's going to bring up a page that focuses on everything about me and.  
So we want to have here we've got, you know, my short name.  
Obviously we can clean up this table and make it better.  
Of course, I mean it's a good reference here because you can see here's our demina regular employee.  
Obviously we can work through.

 **Walkoe, Iver** 5:26  
But I just whipped it up.

 **Speaker 1** 5:28  
Yeah, no worries, Iver.  
It paints a picture, though.  
What we're trying to present right, because we want all that detail to be available, we wanna go back as far as we can with the data.  
We want to be able to look as far forward right and then we want to be able to, you know, provide the ability to harvest that data.  
Umm for the purpose of legal reasons or otherwise, but you can see here we've got all the things that I've interacted with application wise.  
You can see all the different places that I've logged in at different dates and times, and you can zoom in on any one of them or or whatnot, depending on what you want to do.

 **Yorko, Joshua** joined the meeting

 **Speaker 1** 6:04  
So you know it gives a a relative you know picture because we don't want people accessing them.  
These systems, from the likes of say, Brazil or from China, right?  
So we have to comply with those rules and then what we want to do is we want to have a comprehensive list of all of the recorded actions.  
We know that a person had, and so we do that by saying this person logged in like Joshua.  
What?  
What's your employee ID number?

 **Yorko, Joshua** 6:37  
We don't need to check my location.

 **Speaker 1** 6:39  
No, no, no, we don't.  
But I want to show the gap right because you had records before and after.

 **Yorko, Joshua** 6:42  
OK.  
One second.  
Yeah.  
One second, I think it's like 177.  
If chicken success, that does.

 **Walkoe, Iver** 6:51  
Or just use his last name.

 **Speaker 1** 6:53  
Yeah, they can do that too, yes.

 **Yorko, Joshua** 6:54  
Or.  
Ohh yeah, you could just do that.  
It's like 17432 but.

 **Speaker 1** 7:00  
Yeah, 17372 closed.

 **Yorko, Joshua** 7:02  
OK, let's close.

 **Speaker 1** 7:06  
But you can see how the employee status is not showing correctly.  
But he's a regular active employee and we need to.  
Get systems corrected across space.

 **Yorko, Joshua** 7:19  
I think we need to update the language there.  
It's not current, it is accurate.

 **Speaker 1** 7:23  
Umm.

 **Yorko, Joshua** 7:24  
I was terminated.  
It's not current data.

 **Speaker 1** 7:26  
No, no, no, no, no, I I know, but.

 **Walkoe, Iver** 7:26  
Yeah.  
Well, and I wanted the weather, the success factor will workforce management data is probably out of date.  
We have need to also get a a process by which we, you know, mechanically update it.

 **Yorko, Joshua** 7:33  
OK.  
You umm.

 **Speaker 1** 7:38  
Right.  
So you can see Josh is always at home in Massachusetts.

 **Yorko, Joshua** 7:49  
No. Yeah.

 **Speaker 1** 7:50  
But to to that same effect, we can see you know where he connects from.  
We can see all the details and you see that activity and This is why when we do this, we're trying to be able to investigate certain things.  
Now when it comes to the audit, we don't wanna give them anything more than they require, and I'm gonna get them to explicitly spell out which things we want don't want.  
So like these visuals, like the the sign INS by date visual the on the map that is all going to go away, it'll be reduced just to.  
Here is the record.  
Here's what we found.  
Here is the items to answer the audit right and then be able to download those results so you can kind of get an idea of what we're trying to build.  
What we're trying to do and wrap up now, we need to one clean these up, reduce the queries to show what matters right in the queries.  
We need to be able to.  
Preserve the data and we need to be able to provide a number of other indications as to who's working in the tool, so we need to be able to wrap a user identity to the tool so someone has to identify themselves, log in so we can track who's using the tool and report who's using it and when they're using it and why they're using it.  
Basically as well as we need to be able to.  
Provide both.  
That, as I said, the investigations, which is everything in full feature, but then also the audit which is again reduced only to the specific detail, uh that we require.

 **Yorko, Joshua** 9:27  
Umm.

 **Speaker 1** 9:28  
So.

 **Yorko, Joshua** 9:28  
Ivory.  
You gonna like in terms of like locking down user privileges?  
Are you gonna be able?  
You can do that with Jango, but have you already implemented umm that type of user log in?

 **Walkoe, Iver** 9:40  
No, no user management has has been implemented.  
It's a it's all being filtered out on the basis of network.  
So so that is to say the user management is a is an open slate.  
It's totally clean and well and to boot actually it I I think so.

 **Yorko, Joshua** 9:56  
That's great.

 **Walkoe, Iver** 9:59  
Actually yes, to boot.  
We we've got a a sort out how we wanna migrate this thing.  
I believe Zurab you have.  
You said you've got like a a container in which you've got a version of this running because right now this the sassy app is living inside the Waldo project Django project.  
You know what I mean inside of you?

 **Sabakhtarishvili, Zurab** 10:24  
Yes.

 **Walkoe, Iver** 10:25  
The highest level you have a Django project and inside that you have apps.  
This particular Django project, called the Waldo Project, has two apps.  
It's got the sassy app, which you can see there on the URL and then it also still has the Waldo app.  
We probably should completely extract a sassy out of Waldo.

 **Sabakhtarishvili, Zurab** 10:46  
Yeah, I did that.  
I did that today.  
It's it's just sassy right now and all the configs are set for sassy only.  
And like the root directory is pointing to the sassy project and it's I sent the link to the EC2 I can get.  
I don't know which load balancer this one is running on, but if you're connected to the sock proxy, you should be able to access the EC2 running on 8081 from the Mehdi sending the chat.

 **Walkoe, Iver** 11:13  
The apparent.  
Yeah, fair enough.  
Right, right.  
And so the I, I I was just like no.  
And that that, that's good, Ron.  
I was just mentioning this.  
I don't know if we wanna get it off of this particular EC2 or I mean if this is a temporary home for it.  
Is this a permanent home for it?  
You know, I know like for instance, Venkat is working on the, you know, the EKS a.

 **Speaker 1** 11:37  
Right now it's a temporary home and if we need to run it on different nodes we can run it as a container on different nodes.  
You guys are running this on 204 and we have 216 and 219 where we can run containers from where we could run and load quote unquote, a sassy container.

 **Walkoe, Iver** 11:46  
Yeah, it.  
It's a fair enough.  
It's it's your call.  
I mean, I don't know what which you want to do with Waldo.  
I mean, we could essentially wipe 204 and just make it sassy, you know.

 **Speaker 1** 12:08  
So if we if we go through this, let me let me show you how I perceive this.  
Oh, come on.  
I just closed it.  
So the way I see it is is effectively like this.  
We have our three nodes that we have in our play land today.  
We need to turn on and get EC R set up and that's going to be required for rainbird and for our needs because we need a place to put these containers for development as well as sorting out before we get it to.  
Doing Artifactory, obviously at some point right, we're gonna want to utilize, you know, artifactory as well, right, when and how we do that, not certain in and sure today.  
So that effect, right?  
The idea is that it would go in a pipeline, right?  
We need to build everything from, you know, source to deployment.  
So we need to take our, you know, GitHub repo that we're going to use for this, because we need to break it out and then we've got the.  
You FS file system that shared across all of these.  
And then we would run essentially umm a Docker container, right?  
Leaving 204 alone and say our dev right is let's just say it's 204.  
I think is what we've got currently and we would take advantage of that to 19 I think was the 1st and then 216 was the last.  
Now I don't know which ones everybody prefers or otherwise it doesn't matter, but we can turn on an ALB.  
You can use the existing one which I think is fine pointing you know.  
Right.  
But it may make sense for us to stand up a new ALB, right?  
Specifically for sassy so that we can have specific, umm, balancing between the two like a dev line and a prod line.

 **Walkoe, Iver** 15:36  
I think I think that makes sense.  
They exactly, I think that's a good idea.  
Also, are are you using 216 for anything?  
I guess there's like a A some stuff.

 **Speaker 1** 15:53  
It doesn't matter because they should all be configured the same if people are.

 **Yorko, Joshua** 15:57  
No, they're not.  
They're not.  
200 is a got Red Hat on it.

 **Speaker 1** 16:03  
While 200 is not part of this set, no.

 **Yorko, Joshua** 16:03  
They're oh, it's not.  
I don't know.  
I was just giving it. Got them.  
That's good then.

 **Speaker 1** 16:11  
No.

 **Walkoe, Iver** 16:11  
What was the reason I was saying?

 **Speaker 1** 16:12  
So each each of these nodes, each of these nodes has to have it's password file properly updated to reflect user accounts because they're independent, but they need to be identically configured between it, right?  
So the users need to be.

 **Walkoe, Iver** 16:43  
To have some sort of uniform scheme across all three.

 **Speaker 1** 16:47  
Well, that's how it's done, because if you use the same ID as I need to use machines, right?  
Because we don't have a Yellow Pages or NIST or NIST plus or LDAP in place.  
By doing that, it allows us to share the file system across all of these without having permission issues.  
Right, but the container, once we have it running in the container, it'll run as whatever user inside the container, so that won't matter because we'll have.  
Again, we'll put Docker on each one of these things, right? So.  
And I think Docker already is, but we can validate and update.

 **Yorko, Joshua** 17:35  
It is.

 **Speaker 1** 17:41  
And I believe these are Ubuntu nodes.

 **Yorko, Joshua** 17:45  
22.04 Jimmy jar.  
But for only.  
I mean, I know they checking this.

 **Speaker 1** 17:55  
Yep.  
So we need to get code right, so we wanna write code where wherever we write code right.  
Right.  
Uh PR merge.  
We need to do something that does actions that come off of it right to builds a container.  
Ideally it ends up in the likes of Artifactory, right?  
And then as part of our updates, right?  
We want to be able to pull from artifactory.  
In the ECR somehow.  
Umm, I'm gonna make this dash because it probably is gonna have a set of steps very much like I scripted.  
I think on 2/19 I have some scripts in my account that are are used to the effect of.  
Right.  
So if I need to get spaces turned on in the GWT lab separately, we can do that.  
But again, we wanna make sure that the CR is.  
Clearly.  
All right.  
Hopefully this is painting a picture of what we need to do with regards to figuring this out.  
Once we get this sorted and then this clearly we may need additional containers.  
I think there is conversation the other day made that the way that Jango works, we might need to have potentially ANGIX or reverse proxy.  
In order to do this, and then we might need to attach certificates.  
Today I'll be and or the proxies.  
We may be able to get away with self signed on the proxy.  
But to that effect, so we need to figure out how do we do this?  
How do we do this all as code?  
The best we can and how do we do it quickly?  
I need to give a deadline or timeline by which we can do this.  
I think the application is generally there, it just needs to be refactored and adjusted right.  
We have what we have for investigations.  
We can expand feature and function.  
Umm, replicating it and reducing out the stuff we don't wanna have for audit is I think fairly straightforward from the data lake side.  
This is where we need to expand a few things we need to deal with stuff that's outside going to the data lake.  
Right now we have Ms Graph based data.  
Audit log sign INS is the primary source we need and I'm working on this HMS Y IDM.  
They can use R, syslog, D so we need to have our receiver for that.

 **Walkoe, Iver** 22:37  
You know.  
You. You.  
Yeah.  
Please please expand on this.  
I'm not sure because I don't.  
Uh, I'm not sure I understand how you see this as being implemented.

 **Speaker 1** 22:54  
So our syslog D allows you to send events, stream them right to another R syslog D server.

 **Walkoe, Iver** 23:02  
Yeah, and right.  
Right.  
Remote syslog? Yep.

 **Speaker 1** 23:07  
So we would need most stream right to come in.  
To.

 **Walkoe, Iver** 23:23  
So you want to do the employee search via our syslog D.

 **Speaker 1** 23:31  
No, it's a data set, just like the graph data.

 **Walkoe, Iver** 23:33  
OK.  
Well, the, the, the, the, I mean like the ohh Okie dokie right.  
So the graph data is getting harvested and thrown into S3 and then we, you know, do the whole glue yadda yadda yadda data catalog and whatnot in order to.  
Superimpose a virtual quasi database sort of structure on it, and so you're looking.

 **Speaker 1** 24:18  
No.

 **Walkoe, Iver** 24:23  
But be that that the the, that, that's what's there right now.

 **Yorko, Joshua** 24:35  
Are you still talking over?

 **Walkoe, Iver** 24:35  
The. Yeah.

 **Yorko, Joshua** 24:36  
You're breaking up a lot of stuff.

 **Walkoe, Iver** 24:37  
Yeah, yeah, I'm pause.  
Sorry.  
Yeah.  
Yeah. I'm sorry.  
Right.  
So I mean like, well what we got is we've got, you know, the scheduled jobs that are pulling, they're hitting the the graph API, you know pulling extracts, processing the data and then uploading the updating rather pardon me the the database not counting the SuccessFactors workforce management data which is currently being manually updated, but it but it's winding up in S3 so that it becomes, you know essentially external tables in the hive sense that that are then queried via Athena and then a potentially saved in memory because like for instance you know this success factor stuff is pretty small.

 **Speaker 1** 25:13  
Mm-hmm.

 **Walkoe, Iver** 25:23  
I mean, it's like 10 megs or whatever.  
So rather than hitting query, we can just keep it in memory.  
Obviously sign INS is bigger so.  
The I what I was thinking is that the HMS data would we would get like some sort of scheduled export or whatever and again get some sort of flat structure where we can throw it into S3 so that it could be integrated with the rest of the process.  
Does that make sense?

 **Speaker 1** 25:55  
No.

 **Yorko, Joshua** 25:58  
Is this people try to get a simple simplified water it down for us either.

 **Walkoe, Iver** 26:05  
Well, it's the was a great advance in Hadoop was the idea of the external table, which is what high view is and which then was inherited by Spark and then glue in the like where basically you take a flat structure like a CSV file and using metadata you can treat it as though it's a table in a database and that's how sign INS are handled and and the and the rest of the Microsoft graph data and and how the success factor workforce management data is is queried.  
And I was thinking we would get some.  
I was.  
I mean, I would I in order to fit into this sort of model.  
I was thinking we would get some sort of extract from HMS and similarly create a flat table.  
You'll get created a you know some sort of flat data source that could be used in the same fashion.

 **Yorko, Joshua** 27:00  
Maybe I think that's getting in the weeds, maybe.

 **Walkoe, Iver** 27:07  
OK, I can't tell who just said that.

 **Yorko, Joshua** 27:10  
Josh said that I said that.

 **Walkoe, Iver** 27:12  
Wow, man, you're able to talk even though your mic is muted.

 **Yorko, Joshua** 27:17  
It's muted.

 **Walkoe, Iver** 27:18  
That's where the icon says at least.

 **Yorko, Joshua** 27:21  
That's interesting.

 **Walkoe, Iver** 27:22  
It is because I thought it sounded like you and I was like, man, somebody sounds exactly like Josh.

 **Yorko, Joshua** 27:24  
It's really weird.

 **Walkoe, Iver** 27:28  
Man, that's crazy.  
Two of them. Good.

 **Yorko, Joshua** 27:29  
Yeah, it says there's two of me on the call.

 **Walkoe, Iver** 27:33  
No, no, no, no, it's no, I was just saying I heard some someone that sounded just like you and I'm thinking to myself.  
Ohh God, we've got two of them now.

 **Yorko, Joshua** 27:44  
Yeah.

 **Walkoe, Iver** 27:44  
It's like it's it's a joke, Josh.  
The guy who sends me a, you know acronyms.

 **Yorko, Joshua** 27:53  
This is why you're you're a fifth man.  
That's why you're that, Ron.  
Can you say that?  
That to me or everybody on the call, please.

 **Speaker 1** 28:02  
Yeah, I'll send it to everybody on the call.

 **Yorko, Joshua** 28:06  
So how we gonna break up?  
At least I mean, at least what I'm seeing.  
At least all the stuff you've created down below right?  
Anything with our syslog we we're gonna need some some user stories created up for this so we can piece all these pieces together.

 **Speaker 1** 28:23  
More than likely, Yep.

 **Walkoe, Iver** 28:26  
You know, yeah, you know, definitely a breakdown of like, how this is gonna work because this will also.

 **Yorko, Joshua** 28:32  
Because it's a little bit too much work for one person to just kind of take out and to do that so.

 **Speaker 1** 28:40  
Yep.

 **Yorko, Joshua** 28:42  
The blue jump in break us, you know, break it down for us.  
Yes, I'm understanding this holistically.  
What this looks like, unless there's more than that.

 **Stouffer, Luke Stouffer** 28:57  
Umm please.

 **Yorko, Joshua** 29:00  
But.

 **Walkoe, Iver** 29:00  
What?  
What?  
What?  
What's the difference between HSM Y IDM and HMS legacy AD?

 **Speaker 1** 29:14  
Does that help you?

 **Walkoe, Iver** 29:14  
And actually, I'm.

 **Yorko, Joshua** 29:14  
Give us give the second.

 **Walkoe, Iver** 29:17  
I'm sorry you're probably on add one additional row for the success Factor, workforce management data collection.  
Yeah, right underneath the sign INS and the HMS stuff.

 **Yorko, Joshua** 29:34  
We have permissions to collect all this data security and all that stuff.

 **Speaker 1** 29:41  
Yes.

 **Yorko, Joshua** 29:42  
Cool.  
We should be good to go just as soon as we figure out where the pipes are, we can open them.  
Yes, yes, yes.

 **Walkoe, Iver** 29:57  
Some like.  
Yeah, I mean the the only wild card that I'm seeing is this HMS stuff because I'm not sure how.  
I mean, it's obviously there's gonna be some deep.

 **Yorko, Joshua** 30:05  
On Prem operations, right?

 **Walkoe, Iver** 30:07  
Well, there's gonna be some VPC, you know, VPN, you know, the the some depending on where the HMS data lives will have to set up some sort of connector or you know, open up port, you know or something like that.  
Uh, but just the mechanics of how the our our syslog D stuff is implemented that I'm I'm not entirely sure.  
I mean it's it's, I'm sure it's doable.

 **Yorko, Joshua** 30:42  
So who on this call right now can say at a high level what it is Ron wants to do all the things that he's gone through?

 **Walkoe, Iver** 30:42  
Like.

 **Yorko, Joshua** 30:53  
Now you, Ron, I know you can't run.

 **Walkoe, Iver** 30:53  
I have a couple of I have a couple of questions.  
I I I have a couple of questions.  
Uh and and.

 **Yorko, Joshua** 30:58  
So Iver, then.  
So you're just nominated yourself?

 **Walkoe, Iver** 31:01  
No, I didn't.  
I'm I I was talking about questions, not explanations.

 **Yorko, Joshua** 31:05  
Could you explain it to me like I'm like a 7 year old?

 **Walkoe, Iver** 31:10  
I could run with that joke.

 **Yorko, Joshua** 31:12  
There you go.  
Go for it.

 **Walkoe, Iver** 31:14  
I don't.

 **Yorko, Joshua** 31:14  
Come on, explain it to me.

 **Walkoe, Iver** 31:14  
I'm telling it.

 **Yorko, Joshua** 31:15  
I never.

 **Walkoe, Iver** 31:15  
Hey, hey.  
No, it's a well the and as it stands right now, I can tell you what you know what exists right now, which is essentially a basic Django app that uses S3 and the glue data catalog in conjunction with Athena as the model.

 **Yorko, Joshua** 31:33  
Yep.

 **Walkoe, Iver** 31:36  
And the views are then you know you know, populated via the you know the the the controllers which you know hit hit the model and you know that's one world you know what I'm saying?

 **Yorko, Joshua** 31:51  
OK.

 **Walkoe, Iver** 31:52  
I mean it's it's glue. It's Athena.  
It's S3 booya.  
It's one world the R syslog D is is a is a little bit of a wild card here.  
I'm not saying it's not doable or anything like that, but that I think it needs clarification or I would like clarification and then.  
But in addition and Speaking of user story and definitely Speaking of user stories, Josh user stories features whatever you want to call it a an amplification as regards the.  
Distinction between the audit data and the what was the term that you used Ron? I'm sorry.  
You had, like finer and coarser granularity regarding the data that was presented to the user.

 **Speaker 1** 32:42  
Fidelity.

 **Walkoe, Iver** 32:44  
Well, you're.  
You're saying like for instance, we have like an initial look up which provides like a list of users and right now the screening is basically done in.

 **Speaker 1** 32:52  
Right.  
So when we're talking about the data model to this thing, right, we're going to talk about the data model with respect to what's in.  
What's in SuccessFactors first, right.  
And they were gonna talk to what's in the Azure AD sign-in logs, right?  
Because this is how you guys are storing stuff and then the additional spaces.  
Right.

 **Walkoe, Iver** 33:29  
If you want like if you want like a 15 second overview I could share my screen and just show you where all this stuff is.

 **Speaker 1** 33:35  
No, I I know where the stuff is.  
You don't need to explain that I'm doing this for the sake of everybody on the phone here. I heard.

 **Walkoe, Iver** 33:37  
OK.  
Ohh yeah, I've fair enough. Yep.

 **Speaker 1** 33:41  
Understand the fundamentals here, right? Umm.  
So each of these are there.  
So in SuccessFactors we have an employee ID number, right?  
We also have name right effectively first, last, right and then we also in most cases have the email address, right.

 **Yorko, Joshua** 33:54  
Yep.

 **Speaker 1** 34:09  
So what we need to do is with that and the Azure AD sign-in logs, we don't get all of that detail.  
What we receive is typically a name.  
Not knowing what that is, we typically get the user principal, which is other term per email, right?

 **Yorko, Joshua** 34:26  
Yeah, user principal name.

 **Speaker 1** 34:31  
And then we get a bunch of.  
I'll call it, you know application details, right?  
Which you guys saw on the demo there in the syslog here, right?  
We may just get the user ID and we need to map that back.  
Umm, because that's again a case of that.  
We may also in this get the uh short name.  
And user ID is effectively the legacy shortening.

 **Walkoe, Iver** 35:09  
In short, name also exists in SuccessFactors.

 **Speaker 1** 35:10  
But we also have the email that's associated to that.

 **Yorko, Joshua** 35:13  
For the legacy short name, that's just like the username, right?

 **Speaker 1** 35:17  
Yep.

 **Yorko, Joshua** 35:19  
OK, that.

 **Walkoe, Iver** 35:19  
OK.  
And you could add like one additional column there, run for the Azure AD which is the graph, the materialized a list of users, because now we're collecting users have been for a couple of weeks now collecting available users for a particular day.

 **Speaker 1** 35:28  
Yeah.  
Yep.

 **Walkoe, Iver** 35:43  
So that's a separate table.

 **Yorko, Joshua** 35:43  
Like how often their user like how often they're like, how often they're available, I just haven't been a part of the project.

 **Walkoe, Iver** 35:46  
I think your pardon.

 **Yorko, Joshua** 35:50  
I'm just trying to understand.

 **Walkoe, Iver** 35:50  
Yeah, yeah, yeah.  
No, no, it's it's, it's a brand new.  
It's just it's a new table, Josh.  
You know, essentially know how of you know the first.  
There's like a lookup of the users and then you do like you know, you go through the various.

 **Yorko, Joshua** 36:00  
Yep.

 **Walkoe, Iver** 36:01  
Yeah, bingo.  
Now we're actually exporting the users and writing the collection of users with a date stamp saying these are the users that were available on this day.

 **Yorko, Joshua** 36:12  
Well, that's it.  
Like they were available at some point during this day.

 **Walkoe, Iver** 36:17  
Yeah, right.  
They showed up on this particular day, right?  
This particular user showed up on on this day and and.

 **Yorko, Joshua** 36:22  
Just throwing this out here.  
Why didn't you get well, you guys not able to download or extract the stat their status changes throughout the course of the day.

 **Walkoe, Iver** 36:34  
Didn't do that.  
Just wanted to get a list of the the of the requirement the the request was to create a table of users that is say the available users on a given day.  
So that's that's what was created.

 **Yorko, Joshua** 36:48  
Got it.  
Got it.  
He didn't take it any further than you just accomplishable.  
Got it?

 **Walkoe, Iver** 36:54  
Maybe. Yeah.  
This.  
Yeah, I mean, it was a specific request.  
So fulfilled that request.

 **Yorko, Joshua** 37:00  
Well, Ron's working.  
I'm just wondering, OK, I've done much alright.  
What's next, Ron?  
So we've got these different things that we're getting.  
We're getting the short name and the email from our syslogd and then for HMS wide Legacy ID we're getting the short name and application details.  
Let's do we where bias together.

 **Speaker 1** 37:20  
Right.  
So this year is, you know we're good there.  
I think we got this data coming.

 **Yorko, Joshua** 37:28  
Yeah.

 **Speaker 1** 37:30  
Umm.  
Manual but available.  
Daily if you need to engineer intake process or data sets and the datasets just to give you guys an idea of that data set.

 **Yorko, Joshua** 37:50  
I'll take that.  
Hope it's like super nasty.  
Come on, give me a.  
See what it is?

 **Speaker 1** 38:05  
Like right here, all the employees and the org structure.

 **Yorko, Joshua** 38:05  
OK, loving it already.  
Alright, open it.  
Can I see it real quick?  
I just want to see if it's like a fun, fun table that's all.  
My got merged cells and ship.

 **Walkoe, Iver** 38:20  
No, no, it's it's, it's pretty boring.  
There's a there's a mild annoyance in that, like name is often collapsed.  
You'll see.  
For instance, I gotta call him DI.  
Guess it is.

 **Yorko, Joshua** 38:32  
Do you?

 **Walkoe, Iver** 38:33  
You do that?

 **Yorko, Joshua** 38:33  
Is there I I need to ask Ron about this?

 **Walkoe, Iver** 38:33  
Yeah.  
Well, if you just expand it, you see like well first name and last name, first name and last name are combined into a single column.

 **Yorko, Joshua** 38:37  
Yeah, this is clean.

 **Walkoe, Iver** 38:42  
So what I was doing is I was importing this into Python And then splitting that column.  
You know, if you're basic, you know pandas read Excel or whatever blah blah blah and then splitting that column into into 2 columns.

 **Yorko, Joshua** 38:52  
I got you.  
Right.  
So Ron, so this is daily and daily that we're getting right.  
This is manual right?

 **Walkoe, Iver** 39:02  
No, it is.

 **Speaker 1** 39:02  
Yep, every day it gets updated.

 **Yorko, Joshua** 39:04  
He says it's daily alright, so let's pretend it is daily.

 **Walkoe, Iver** 39:04  
It is manual.

 **Yorko, Joshua** 39:08  
Alright, it's putting this SharePoint Dr Do we wanna change this in at all?  
Like, where does that data coming from?  
It's coming from the so I got SuccessFactors database somewhere.  
Where does that live?  
Can we get access to it?

 **Walkoe, Iver** 39:24  
Well, that's inside of SAP.

 **Speaker 1** 39:26  
Well, that's gonna be something we need to work with some others on.

 **Yorko, Joshua** 39:31  
Why don't we just connect to whatever's writing to that?

 **Speaker 1** 39:32  
Because I I can't tell you how we're gonna get that, because they're very peculiar about building a whole bunch of new bridges.

 **Yorko, Joshua** 39:39  
OK.  
Question then who's writing that data to that bucket?  
Is being manually uploaded daily or is it like on a pipeline that?

 **Speaker 1** 39:45  
You're you remember the Indian gentleman that was doing our badge data stuff.  
So, Noel, well, he's one of the guys along with Steve Cohen's, who have been handling that data set, going into the power BI platform.

 **Yorko, Joshua** 39:50  
Kind of.  
We're.  
Does he get it?

 **Speaker 1** 40:01  
Well, they have access to SuccessFactors directly where we do not.

 **Yorko, Joshua** 40:07  
And so he's got probably the axis to some type of reporting interface, right, that he's able to extract.

 **Speaker 1** 40:14  
Yep, possibly, yeah.

 **Walkoe, Iver** 40:15  
Right.  
I mean, yes.

 **Yorko, Joshua** 40:16  
OK.  
Alright, I'll hold on.

 **Walkoe, Iver** 40:17  
Yeah.

 **Yorko, Joshua** 40:17  
Let me expand.  
Let me alright.

 **Walkoe, Iver** 40:18  
Let me like success, success.

 **Yorko, Joshua** 40:19  
So, well, he's getting it somewhere.

 **Walkoe, Iver** 40:21  
Factors as part of like that it's a big SAP.  
You know what?  
SAP is right, Josh.

 **Yorko, Joshua** 40:27  
You know, no, I don't.

 **Walkoe, Iver** 40:28  
Because it's a SAP is like a huge it's a German company and they're they're like PeopleSoft.  
They're a huge kind of legacy issue.

 **Yorko, Joshua** 40:39  
It just alright I I get what they do.  
Alright, thank you.

 **Walkoe, Iver** 40:42  
Bingo.

 **Yorko, Joshua** 40:43  
Alright, so basically what I'm I'm wondering is like either they're they're getting the report either sent to them or they're creating a report somewhere that they're exporting and then putting into OneDrive for us to look at.

 **Speaker 1** 40:55  
Yep.

 **Yorko, Joshua** 40:56  
OK, so why can't they just build us a report or a view?  
In their database and will give us an only view only access to that and we just grab it.  
So we're not like having to get a whole bunch of permissions.  
You know what I mean?  
But we're getting it straight from the source, and if we can programmatically.

 **Speaker 1** 41:10  
But I I know what you're saying.  
But Josh, you're gonna need to chase that down.  
I'll create the authority to go do it, but you'll need to chase that down with these guys directly.

 **Yorko, Joshua** 41:21  
OK.  
Yeah, I'm just asking if that's in a feasible option or if you wanted to keep it as is.

 **Speaker 1** 41:24  
Maybe you got to talk with them.  
You you need to talk with them. Yep.

 **Yorko, Joshua** 41:28  
OK.  
So Neil, I'll start there.

 **Walkoe, Iver** 41:31  
Alright.  
Or or something could be.

 **Yorko, Joshua** 41:32  
Sorry, I didn't mean to.  
I I was just asking Ron.  
I mean, if you don't want to change the process, I mean we can we can connect to OneDrive.

 **Walkoe, Iver** 41:38  
No, we definitely need to change the process.  
We know it needs to be automated because it's not automated and round.  
To what degree could like something like move it be used that could like drop things in an S3 bucket?

 **Speaker 1** 41:49  
Who move it as a piece of hell that we need to stop doing.

 **Yorko, Joshua** 41:50  
Ooh.

 **Speaker 1** 41:54  
We need to get into more real time stuff.

 **Walkoe, Iver** 41:54  
OK, alright.

 **Yorko, Joshua** 41:58  
What would you suggest for that?  
At least the SuccessFactors bucket thing.  
Do you think my idea is good or no?

 **Speaker 1** 42:02  
Well, so so for this like as an example, right?

 **Walkoe, Iver** 42:02  
Me.

 **Speaker 1** 42:08  
If you want to have a copy of this pulled, we can probably create an RPA routine that will go out and pull this file daily, right and supply it.

 **Yorko, Joshua** 42:19  
Yeah.

 **Speaker 1** 42:22  
We we have that ability, right?  
Every day I to go out and particular time.  
That's it.  
Post it so it says 9 hours ago.  
So my assumption is by about 9:00 AM everyday could go fetch it and post it still day robotic process automation UI path.

 **Yorko, Joshua** 42:37  
And I apologize.  
What is RPA again, Ron?  
Alright, how can I build one of those?  
What's your where?  
Should I go UI path?  
All right, click in the UI path.

 **Speaker 1** 42:49  
Yep, it's one way, because then we're not mocking with everybody's back ends, right.

 **Yorko, Joshua** 42:51  
Alright.  
Right, right, right, right, right.  
And then we don't we can just do it right and we just.

 **Speaker 1** 42:58  
And we can always evolve off of it to something more brochure and proper in the long run, you know.

 **Yorko, Joshua** 43:06  
Just because I don't know what you I path is, do you have to provide a credentials for the SharePoint or no?

 **Speaker 1** 43:06  
It.  
Uh.  
Possibly.  
I don't know if you would have access, it might need something like armor and I would have to do for the credential so that the bot would have our credential to go and act on our behalf.

 **Yorko, Joshua** 43:27  
That's what I mean.  
Yeah, like if you guys just got the credential and then you guys created that credential.  
OK, so might be something like that.

 **Speaker 1** 43:33  
But ultimately, once it's set up, it'll run like anything else out there, like we do with the various different States and the accounts today in production where it will go in.

 **Yorko, Joshua** 43:44  
Do I have access to what you're showing right now?

 **Speaker 1** 43:47  
No, you don't.  
You're gonna need to talk with Amrit.

 **Yorko, Joshua** 43:50  
All right.

 **Speaker 1** 43:53  
But some of the interns should, and I don't know if we need to draw one more or the other interns into this from the RPA space to help with this.  
But you know, every day operations run orchestrator.  
Will do it, so we can schedule a job to check every day at 9:00 o'clock pull a copy of it and submit it.  
Whether we wanna create like a samba container just picks it up and drops it right?  
And we have an inbound Dropbox using Samba or we build some other type of Dropbox.  
You know, it doesn't matter.  
I mean, if we have a way we can submit direct to an S3 bucket right using the UI path and an API query, we could do it that way as well.

 **Walkoe, Iver** 44:35  
We could set, you know, certainly set up a.

 **Speaker 1** 44:36  
So how you guys, how you guys think through this, there's a million ways to solve it, right?

 **Yorko, Joshua** 44:39  
OK.

 **Speaker 1** 44:40  
I I'm just giving you a number of suggestions of how we can make this happen, right?

 **Yorko, Joshua** 44:45  
OK, understood.

 **Walkoe, Iver** 44:46  
Yeah.  
And it's it's certainly if there's a somber share accessible from one of the EC2 instances, we can write a, you know, a time job to, you know, to do that harvesting, you know, to do that, Paul. Yeah.

 **Speaker 1** 44:58  
Right.  
You can do all sorts of.  
It's all in range.  
So this ohh spirin and set up a feed.  
Just need to know the.  
This log D receiver to target so we put it in a container, right?  
And behind an alert behind a load balancer.  
So we can move it about right.  
You know, that's one thing and this one, uh, do we need to use a tool like Telegraph to read the WC?  
And so you guys learn about this?  
Uh.  
Influx data Telegraph.  
Yeah.  
Put this in the stuff.  
And I go inputs like.  
What?

 **Walkoe, Iver** 46:53  
Had used a Telegraph a little bit millions of years ago.  
I haven't.

 **Speaker 1** 46:59  
It's not that old.  
I don't want the syslog protocol.

 **Walkoe, Iver** 47:10  
Yeah.  
So I think there.

 **Speaker 1** 47:42  
Ah.  
Back here plugins.  
There we go.  
So we would care about, say, Windows.  
And then I want an input plugin.  
And I would want servers.  
Maybe Windows services?  
Maybe not enough, but I'm sure you guys will dig in and find it.  
We'll figure it out.  
Right, you have system as well.  
So it'll pull up a number of things, and the syslog might work for Windows as well, but again, I think it's predominantly user using Unix, so but uh.  
Is you guys in adventure?  
At least a potential answer to it, but there's also the Windows event collector which you know we can figure out how to get the events out using the collector.  
How do we how do we process what's in the collector? Right?  
So I'll get that and I'll stick that out there because that's another thing to consider.  
There you go.  
And effectively we we draw a line.  
That moves from the likes of email address.  
I don't wanna bolt it, but it's not gonna let me.  
We do this a lot from top to there.

 **Yorko, Joshua** 50:07  
You can either.  
Can you you can just.

 **Walkoe, Iver** 50:12  
Hmm.

 **Yorko, Joshua** 50:17  
I have a question of, I guess about these Excel files with UI path.  
I could just like send these Excel files to the S3 bucket, just indigestion.  
Like I I I'm looking, it's not that hard.

 **Walkoe, Iver** 50:35  
I'm.  
I'm not arguing it, no.

 **Yorko, Joshua** 50:39  
OK, cool.

 **Walkoe, Iver** 50:40  
No, that's it.  
I mean, it was done manually because it was Joel done on the fly initially and this has been something that's been needed to be automated for a while.

 **Yorko, Joshua** 50:46  
Need.

 **Walkoe, Iver** 50:51  
So yeah, it.  
And there's a, you know, definitely different ways of doing it and yeah.

 **Yorko, Joshua** 50:56  
Well, if I can get it to you too, if I can get it to you, I path or RPA and I I could do it, I could build this workflow easily.  
Different activities package Emma, SharePoint custom activities package that allows you to interact with SharePoint using the graph API.  
Sledders to Microsoft God.  
That baby just be better to be but.  
Well done, right, sensitive data.  
So that's where it's put the easiest path to production level that.

 **Speaker 1** 51:45  
Alright so.

 **Yorko, Joshua** 51:45  
Alright, so you said hit up Amrit right?  
At least for the UI path and on PA stuff, OK.

 **Speaker 1** 51:48  
Yeah.  
Yep.

 **Yorko, Joshua** 51:56  
What's next, rod?  
What do we do next?

 **Speaker 1** 51:58  
That's it.  
Go to town, figure out how to get it to this state.

 **Yorko, Joshua** 52:05  
OK.

 **Speaker 1** 52:06  
Figure out how to get it to this level of function.

 **Yorko, Joshua** 52:11  
Let's see the other page real quick.

 **Speaker 1** 52:19  
Like figure out how to get it to this level of blue right where we can come visit a little balance or reach and talk to the container and then the container talks of course to the.

 **Yorko, Joshua** 52:20  
Something and so.

 **Walkoe, Iver** 52:23  
Well.

 **Yorko, Joshua** 52:23  
I.

 **Speaker 1** 52:35  
Data Lake and.

 **Yorko, Joshua** 52:36  
Hey, iver.

 **Walkoe, Iver** 52:37  
Yeah.  
Well, actually, yeah, yeah, yeah.  
Hold.  
Hold on one second, Josh.  
I'll also alright, so this this is the network specification, but then you also have the some behavioral specifications for the app itself though, right?  
Ron, you because you mentioned you have you want some things visible to some users and not visible to other users, you want to make sure people you know don't kind?

 **Speaker 1** 52:59  
Yeah, that's the difference between the investigation and the audit, right?

 **Walkoe, Iver** 53:03  
That those are the those are the terms.  
OK.  
Investigation and audit and.

 **Speaker 1** 53:06  
And you're going to basically build everything to investigation and includes it all right?  
And then we're gonna make a functionally replica of that.  
That basically turns off the features we don't want visible during an audit by way of the audit link, right?  
Use a cookie or something to that effect that shuts them down so they're not there.

 **Walkoe, Iver** 53:25  
Ohh and we should.  
And I'm just saying we should specify this, you know precisely.

 **Speaker 1** 53:31  
Yeah, you guys need to sort through how you wanna do that, whether you just replicate code and remove a feature and function or whether you build feature flag into the product to you know instead of say, an employee lookup up here it will say security investigation and then it'll say you know security audit.  
So if they click audit, it turns on the quote unquote feature flag, right?  
And we can control it so that if people are given access to this, they may be given access to both or maybe given access to only one or the other, right?

 **Walkoe, Iver** 54:07  
OK.  
Well then, alright.  
So then we're talking about setting up like the like.

 **Speaker 1** 54:10  
By user permission system, that's correct.

 **Walkoe, Iver** 54:11  
Either some sort of, yeah.

 **Speaker 1** 54:15  
Yep.

 **Walkoe, Iver** 54:16  
And I don't know if to what do we wanna integrate that with SSO or all that sort of happy stuff and whatnot.

 **Speaker 1** 54:21  
Let's not worry about SSL right now.

 **Walkoe, Iver** 54:23  
OK.  
Josh, you were saying?

 **Yorko, Joshua** 54:28  
Ohh please, probably schedule a call with you to understand the technology like the state of everything right now like the data like Jango sassy.  
So I can understand it a little bit more.  
Just feed me the code and I can all of it like in the good hub repo.  
Make sure all the newest updates are pushed and I can analyze it because I need to know how to connect to things and then I'm gonna create branches.

 **Walkoe, Iver** 54:49  
Ray.  
Well, you have the.

 **Yorko, Joshua** 54:56  
So you know off of it.

 **Walkoe, Iver** 54:58  
Well, yeah.  
It's uh, of let's.

 **Yorko, Joshua** 55:01  
Following the user stories.

 **Walkoe, Iver** 55:03  
Right.  
There's a certain amount of refactoring that's definitely called for the.  
Lake Bucket itself could probably use some reorganization as well. Umm.

 **Yorko, Joshua** 55:16  
OK.  
Uh.  
How long do you think before you can have something that I can look at?  
So I can start working.

 **Walkoe, Iver** 55:26  
Uh, well, there, there.  
There's several several balls in the air working on what?

 **Yorko, Joshua** 55:34  
One of these tasks, like he just he just explained.  
Like what?  
A build at RP a automation bot you know, made that gets those files from, you know, SAP, right?  
But I need to know how I need to get access to the data lake.

 **Walkoe, Iver** 55:46  
OK.  
Well, I actually, right.

 **Yorko, Joshua** 55:48  
I need to look at it.

 **Walkoe, Iver** 55:50  
He really true to it?

 **Yorko, Joshua** 55:50  
I need to put it in the right spot.

 **Walkoe, Iver** 55:51  
Yeah, yeah, yeah.  
Right. Right. Right.  
I'm of around if you go back to that Visio diagram, I mean like it's a fair amount of the stuff is decoupled, you know?  
And no, I think it's probably a good idea to keep it kind of decoupled right now because we might be moving some pieces.

 **Yorko, Joshua** 56:02  
Well, we need a couple it.  
Well, then, well, at least the decoupled pieces need to be organized to put somewhere that people can view it in its current state.

 **Walkoe, Iver** 56:15  
That, that, that, that, that's true.  
But I mean like for instance, what you talking about with the RPA and and the like, uh, there, I mean, yes, you should get permissions to write to some folder in the existing bucket and whatnot.  
And that endpoint, if you will, could be changed to the future of state, you know, so that's kind of decoupled from whatever future state the data like is in, but you'll definitely need to start working on getting the permissions and the connectivity to SharePoint or however this is going to be realized from one of the EC2 instances and that should be relatively portable.

 **Yorko, Joshua** 56:40  
That's.  
Right, right.  
So in my head, right in terms of the permissions, I understand that you know for the SharePoint site, there's gonna be some type of credentialing, whatever that needs to be set up that Ron could buy or Amrit might have to assist with, right?

 **Walkoe, Iver** 56:55  
I'm thinking and decoupled.

 **Yorko, Joshua** 57:07  
They're gonna assist with that piece.

 **Walkoe, Iver** 57:07  
Right.

 **Yorko, Joshua** 57:08  
I understand that right?  
I need usable code, right?  
That's like organized.  
And you know, up to date with the most current changes of what we're seeing right now.  
So so Luke can then assign US user stories based on what Ron has just shown us, right?  
Because if we don't have the most updated code, so who would be in charge yourself?  
And who else of updating the most current data to the repo?  
That's why I won't understand.  
Next, I think that's important.

 **Walkoe, Iver** 57:32  
Well, that's what we mentioned earlier is that the Zara and Dan are in charge of the repo.  
I've I've I've kind of handed of it off it off to them, and this is separate from the earlier Waldo Repo, which itself needs a cleanup.

 **Yorko, Joshua** 57:46  
Sure.

 **Walkoe, Iver** 57:48  
Umm so.

 **Yorko, Joshua** 57:49  
Right.  
But in yes, this is like a system, right?  
So it's all kind of connected in some way, right?  
So we need proper repositories like.  
Alright, this is the project Waldo reposts most updated.  
Dan's updated it, right, you know, whoever else is responsible for updating Sanjeev, you know that piece of it that's updated in this repo in this common project that we call something right, we need some organization here or we're not going to be able to take tasks appropriately is what I'm suggesting so.

 **Walkoe, Iver** 58:19  
Right, right.  
And well, we we've got a new repo for sassy, so let's just remove Waldo entirely from the picture, because Waldo is kind of in the state that Waldo is, and sassy is now nice and clean and extracted from Waldo.  
So we can move forward with that repo and just ignore.

 **Yorko, Joshua** 58:36  
OK.  
So SASI is safe is the thing sassy is the OK.

 **Walkoe, Iver** 58:37  
Ignore sassy is the thing.  
Yeah, ignore Waldo.  
We would just Waldo's kind of semi.  
I mean, there's still stuff going on inside of Waldo in terms of the harvesting and you'll in the to the API, but in terms of building what Ron was diagramming in those various environments, in particular for the sassy box of, but we can move ahead to using just like the repo that we've got in the in the, in the sassy collection.

 **Yorko, Joshua** 59:08  
OK, so I I see in the chat that somebody said they I was added but I don't believe that's the case.  
I have not getting the notification for that on some crazy.

 **Stouffer, Luke Stouffer** 59:22  
OK, so is someone's gonna need to send you a link.  
So either Dan or Zurab, could you send Josh a link also?  
Zurab's been refactoring it to be isolated and to my knowledge is that it's not done yet, but that's what he started. What?

 **Yorko, Joshua** 59:36  
Fabulous.

 **Sabakhtarishvili, Zurab** 59:41  
Right.  
Yeah, it's it's done already.

 **Yorko, Joshua** 59:44  
Thank you.

 **Sabakhtarishvili, Zurab** 59:45  
I'm just gonna reapply upload the whole thing to GitHub repository, but the uh, isolation is completely out and the the is just one sassy and there's no reference.  
So Waldo, in there whatsoever, anywhere.

 **Walkoe, Iver** 59:59  
Yeah, yeah.

 **Stouffer, Luke Stouffer** 1:00:00  
Gotcha.  
I just meant it wasn't in GitHub, but whenever it is in GitHub, would you make sure to update Josh and let him know that it's ready to be looked at?

 **Yorko, Joshua** 1:00:01  
Love it.

 **Gorman, Dan** 1:00:03  
Person link in the chat.

 **Sabakhtarishvili, Zurab** 1:00:11  
Yeah.  
Yeah, I will try to upload it within the next few minutes.

 **Walkoe, Iver** 1:00:17  
Do do we wanna take one of those EC2 instances and kind of wipe it and clean it up?

 **Stouffer, Luke Stouffer** 1:00:17  
Great.

 **Walkoe, Iver** 1:00:21  
So we're starting with like a, A a fresh slate.  
Does that make sense?

 **Yorko, Joshua** 1:00:27  
Yeah, I mean that just take more time.

 **Walkoe, Iver** 1:00:29  
I mean, I've.  
I've I would agree.  
I would.

 **Yorko, Joshua** 1:00:31  
That would just take more time.

 **Walkoe, Iver** 1:00:31  
I would agree.  
I I think that I think that would be a good thing.  
You know, so we're, you know, starting with a nice, clean fresh environment.  
Cause Josh you remember like you know when when things were first being built in on, you know 219 and 204 man we were just like slapping stuff together.  
So there's probably more Python libraries and modules in there than need be etcetera, etcetera.  
You know what I mean?

 **Stouffer, Luke Stouffer** 1:00:55  
Team is off.

 **Yorko, Joshua** 1:00:56  
Have you added to read me to this or will won't be added?

 **Walkoe, Iver** 1:01:02  
No.  
Read me yet that something should be we'll just build, build out documentation, yeah.

 **Yorko, Joshua** 1:01:07  
OK, so I I'm still failing to understand when when do we think this could be updated?

 **Sabakhtarishvili, Zurab** 1:01:18  
I'm working on the router right now.

 **Walkoe, Iver** 1:01:18  
Which part?

 **Sabakhtarishvili, Zurab** 1:01:19  
I'm gonna transfer all the.  
I'm transferring the files from EC2 to my computer right now because there has been like major file structure changes and I'm gonna get it up in a few minutes.  
I'm gonna completely change what's on the GitHub as of now.

 **Walkoe, Iver** 1:01:38  
It just version it and and you know and you know archive it.

 **Yorko, Joshua** 1:01:44  
I can run this locally.

 **Walkoe, Iver** 1:01:46  
No.

 **Yorko, Joshua** 1:01:47  
No.

 **Sabakhtarishvili, Zurab** 1:01:49  
It's.  
It's mainly the Athena connection that is messed up, but I believe if you supply if you're within the bastion.  
Proxy and if you supply it with AWS Access Key and AWS Secret key environmental variables, you should be able to get it up.

 **Walkoe, Iver** 1:02:08  
Which is another thing we want to address as well.  
Umm.  
Yeah, yeah, yeah.  
Josh the of the of the the difficulty would be in in getting two in a directly connecting to a the the AWS the the data sources.

 **Yorko, Joshua** 1:02:27  
Why would it be an issue?

 **Walkoe, Iver** 1:02:31  
Be it for the reasons it does zero was was just mentioning.

 **Yorko, Joshua** 1:02:37  
Uh, not understanding.

 **Walkoe, Iver** 1:02:39  
Right when we.  
Uh, it I don't.

 **Yorko, Joshua** 1:02:43  
Like I.

 **Walkoe, Iver** 1:02:47  
I mean, I've depending on, I mean, Ron, you'd probably speak to this of of of a more authoritatively, I mean in terms of well, what connections are being accepted by, you know, Athena, et cetera of is is whoops is uh is is probably you know IP address you know is is restricted.

 **Yorko, Joshua** 1:03:10  
I'll figure out.  
Never mind, skip.

 **Walkoe, Iver** 1:03:13  
OK.

 **Yorko, Joshua** 1:03:15  
Yeah, it's it's there's some.

 **Walkoe, Iver** 1:03:15  
I mean, well we what we want to do is like, uh, I I like the idea of of, like taking one of these machines, wiping in, starting fresh and making that kind of our prod target.  
So we can keep on hacking away on the other dev machines.  
Just kind of leave them in the sort of if he kind of stayed.

 **Yorko, Joshua** 1:03:32  
You wanna take the lead on on getting that set up with and Kat?  
Or do you wanna take the lead on getting this set up?

 **Walkoe, Iver** 1:03:38  
Do what now?

 **Yorko, Joshua** 1:03:41  
Since you're such a proponent of it, you wanna take that?

 **Walkoe, Iver** 1:03:44  
Why I I I I mean I'm.  
I'm I'm asking for permission.

 **Yorko, Joshua** 1:03:49  
Go for it.  
I don't think Ron cares.  
He's saying go solve it, so let's go figure this out.  
You know what I mean?

 **Walkoe, Iver** 1:03:59  
Well, yeah.

 **Speaker 1** 1:03:59  
Move it forward.

 **Walkoe, Iver** 1:03:59  
I mean I I I I I mean uh, uh, didn't you say there was something funky about 216?

 **Speaker 1** 1:04:07  
No.

 **Yorko, Joshua** 1:04:07  
202 hundred is got Red Hat.

 **Walkoe, Iver** 1:04:10  
The 200 we know it is.

 **Yorko, Joshua** 1:04:10  
That's the only thing 216 I'm connected to.

 **Walkoe, Iver** 1:04:11  
It is is goofy.

 **Yorko, Joshua** 1:04:13  
There's nothing.  
Everything's good.  
Good, all of the machines are operating smoothly.

 **Walkoe, Iver** 1:04:15  
Everything is good.  
OK, alright.  
Alright, Josh.  
OK, I thought I thought you said there was some whacked out about 216.

 **Sabakhtarishvili, Zurab** 1:04:18  
Please be can you stop?

 **Yorko, Joshua** 1:04:19  
Yeah, there was.  
I did.  
I did mention that to you a while back and I failed to update you.  
I apologize.

 **Walkoe, Iver** 1:04:25  
OK, cool.  
Alright, great.  
Alrighty, let's just.  
Well, then I tell you what, let's just move ahead with two with 216 zero.  
That's where you got your stuff living right now, right?

 **Yorko, Joshua** 1:04:34  
You know what?  
To go get her do machine, I thought.

 **Sabakhtarishvili, Zurab** 1:04:35  
UH-2O.

 **Yorko, Joshua** 1:04:36  
Well, hold on.  
Hold on.  
I thought we were getting a new machine.

 **Walkoe, Iver** 1:04:40  
Well, I mean, I'd like to, but I mean in terms of it with the mind toward expediency of of.

 **Yorko, Joshua** 1:04:49  
Right.  
OK, so you're gonna go 216 for right now.

 **Walkoe, Iver** 1:04:51  
Let's just go with yeah, yeah.

 **Yorko, Joshua** 1:04:52  
That works.  
Yeah.  
Yeah. OK.

 **Sabakhtarishvili, Zurab** 1:04:55  
Uh get get Hub is updated with.

 **Yorko, Joshua** 1:04:58  
Check in.

 **Sabakhtarishvili, Zurab** 1:05:00  
Yep.

 **Yorko, Joshua** 1:05:03  
Of it.  
OK.  
Alright, Ebony questions I have.

 **Walkoe, Iver** 1:05:05  
And I don't believe I have.

 **Yorko, Joshua** 1:05:06  
I'll two to match you, Sir, but I I should probably give a good for a little bit.

 **Walkoe, Iver** 1:05:08  
I I don't have I I don't.

 **Yorko, Joshua** 1:05:11  
I'll add to read me.

 **Walkoe, Iver** 1:05:12  
I I don't have Visio.  
Can we get a PDF of of those diagrams?

 **Yorko, Joshua** 1:05:17  
You can watch Visio.  
Do you need to create videos or do you need to just view them?

 **Walkoe, Iver** 1:05:23  
A view I guess.

 **Yorko, Joshua** 1:05:25  
Just do what it share.  
You just add it whatever Visio file you get to your OneDrive and then you could open it up in Office 365 online and you can just open in the browser.

 **Walkoe, Iver** 1:05:34  
Really.  
Oh, that's OK.  
It's it's a, it's an.  
It's a modern world.  
OK, I'll I will try that and do we have what what what was the path to of the of what was the OneDrive folder?

 **Yorko, Joshua** 1:05:40  
Yeah.

 **Stouffer, Luke Stouffer** 1:05:47  
Everything.

 **Yorko, Joshua** 1:05:50  
I don't know.  
I I wish I knew.  
Oh wait.  
You mean like, what do you need to do?  
Ohh at it, just add it to your personal OneDrive Iver just like take the file.

 **Walkoe, Iver** 1:06:00  
No, I mean.

 **Yorko, Joshua** 1:06:03  
Whatever.  
Whatever Visio or dot VS XD or whatever the \*\*\*\* it's or excuse my language, whatever the heck it's called.  
And then just drop drop it into your OneDrive, your personal OneDrive, and then just open it on Office 365 online.

 **Walkoe, Iver** 1:06:18  
No, I'm.  
I'm with you right there.  
I've I've, II.  
My machine had to get what was wiped and I appear to have lost like a bunch of my ohh we can get get to a around.

 **Yorko, Joshua** 1:06:29  
All right, so I gotta get to guys, guys, guys.  
Alright, I love it.

 **Walkoe, Iver** 1:06:32  
We can get through the show through this through this, through teams, right?

 **Yorko, Joshua** 1:06:33  
I love it.  
Yeah, I'm saying, yeah, I'm sure you can.  
Most definitely.  
OK, so I have a I have a request from Luke.  
If you could just like get our action items together for us on next pieces and what we need to hit up next, that would be awesome.  
I'm gonna take a look at the code and start just analyzing that myself so I can get acquainted of where we're at with that at the current state of the sassy project.  
And you know, breakdown.

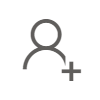
 **Stouffer, Luke Stouffer** 1:07:02  
Right there.

 **Yorko, Joshua** 1:07:02  
You know Ron's thing and you need any help, let us know, man.

 **Stouffer, Luke Stouffer** 1:07:06  
Yeah.  
Yeah, I will be letting you know and asking for help on how to break this down, but I'll get working on it.

 **Yorko, Joshua** 1:07:17  
I have a I have an extract.  
I could extract all the texts from it too if you need.  
If you need that, but that would be useful too.

 **Stouffer, Luke Stouffer** 1:07:21  
And I thought that there this that I've already.

 **Syed, Yaser Mehdi** joined the meeting

 **Stouffer, Luke Stouffer** 1:07:24  
It just said that everything summary i.e.

 **Yorko, Joshua** 1:07:25  
I have a program that does that.

 **Stouffer, Luke Stouffer** 1:07:27  
Ohh from his.  
Document that, oh, I was just gonna view it through Visio.

 **Yorko, Joshua** 1:07:29  
From his Visio.  
Yeah.  
Oh yeah, all the text.  
Here.  
OK.  
That's.  
I was just throwing it out there in case anybody wanted it.

 **Stouffer, Luke Stouffer** 1:07:39  
I appreciate it though.

 **Yorko, Joshua** 1:07:42  
Data is useful.  
Alrighty, cool.  
Thank you, Luke, just send me send us all our next action items.  
I think you know, uh, yeah, I think there are completed his.

 **Stouffer, Luke Stouffer** 1:07:56  
Yeah, I'll.

 **Yorko, Joshua** 1:07:58  
So at least for the day.  
Thank you.

 **Stouffer, Luke Stouffer** 1:08:01  
Yeah, I'll get working on that first thing in the morning.

 **Yorko, Joshua** 1:08:06  
Here. Alrighty.  
Sounds good.  
Everybody have a good night.  
I gotta drop.

 **Stouffer, Luke Stouffer** 1:08:11  
Alrighty.

 **Gorman, Dan** 1:08:13  
Later, man.

 **Yorko, Joshua** left the meeting

 **Walkoe, Iver** 1:08:19  
Yeah.  
I I yeah, somebody can give me like the pasta that that Visio.

 **Stouffer, Luke Stouffer** 1:08:24  
Uh, yeah.  
Iver.  
I'm just gonna share my screen and show you how to do it.

 **Walkoe, Iver** 1:08:30  
That would work.  
Thank you.

 **Stouffer, Luke Stouffer** 1:08:36  
OK, so Edge gainwell SharePoint this button up here you can come down here.

 **DeMena, Ron** left the meeting

 **Stouffer, Luke Stouffer** 1:08:47  
Explore all of your apps.

 **Walkoe, Iver** 1:08:49  
Moses through edge, OK.

 **Stouffer, Luke Stouffer** 1:08:52  
It's just through the SharePoint because whenever I open up.

 **Walkoe, Iver** 1:08:55  
Note but it but it but it yeah it's it's edge is the default browser which has all these uh hardwired links in it so.

 **Stouffer, Luke Stouffer** 1:09:03  
Yeah.  
So then you just go to all of your apps and ooh, well, where did it go?  
Yeah, it's right here.  
Video and then you click on it and this is just one that Ron sent me through teams.  
So I'm just able to open it so whenever he sends the next one, I'll be able to just open it right here.

 **Walkoe, Iver** 1:09:27  
Ah. Gotcha.  
Gotcha.  
And so we should expect to be able to see.  
Argue that I would be able to see the the the app that we are rather the the diagram that we just.

 **Stouffer, Luke Stouffer** 1:09:47  
Yes, but I don't think Ron's shared it yet.

 **Walkoe, Iver** 1:09:47  
OK.

 **Stouffer, Luke Stouffer** 1:09:51  
So whenever he does, it'll pop up.

 **Walkoe, Iver** 1:09:56  
Got it.  
And what what under what category did you find Visio?  
Are you in your list of uh apps?

 **Stouffer, Luke Stouffer** 1:10:09  
So in apps I just clicked all apps and should be in the top section.  
You're goods are up actually.

 **Walkoe, Iver** 1:10:28  
OK I I found it.  
I found it, yeah.

 **Stouffer, Luke Stouffer** 1:10:32  
Awesome.

 **Sabakhtarishvili, Zurab** left the meeting

 **Stouffer, Luke Stouffer** 1:10:33  
OK, I think everyone's gonna drop.  
But no problem.

 **Walkoe, Iver** 1:10:39  
Server.  
Alright, cool.  
Thank you very much.  
Appreciate it, Luke.

 **Gorman, Dan** 1:10:44  
Yeah, you'll have a good one.

 **Stouffer, Luke Stouffer** 1:10:44  
Have a good one. Bye.

 **Walkoe, Iver** 1:10:45  
You too.

 **Gorman, Dan** 1:10:46  
See you tomorrow.

 **Syed, Yaser Mehdi** 1:10:47  
You too.  
Big everyone. Bye.

 **Stouffer, Luke Stouffer** left the meeting

 **Gorman, Dan** left the meeting

 **Rainey, Justin** left the meeting

 **Walkoe, Iver** left the meeting

 **Stouffer, Luke Stouffer** stopped transcription