Transcript

October 27, 2025, 3:45PM

◉ **Nancy tran** started transcription

Nancy tran 0:07
OK, so the the first things.

● 0:09
OK.

Kartik Shah 0:10
Oh.

Nancy tran 0:10
But.

Kartik Shah 0:11
Actually, Nancy, before you ask the questions, perhaps it might be better. Alok, if you can just go through the requirements, that may kind of clarify some of the questions already.

Alok Batra 0:28
OK, OK. So let me just give a little background why why this requirement. So when we are running all the software, everything on on the side mostly most likely we.
Our access to the environment will go away with time like a matter of maybe a year or so because they are going to take it over all the management to themselves and then if you comes in in terms of the how do we know how much we should be.
Like we should be asking for license because license is dependent on a few factors.
One is how many sites they're using for HWF and then how many sites they're using it for for Boost.
So given that we we are charging based on number of sites and that information gets invisible to us if if we don't have access to the environment, hence we wanted to put a mechanics.

Through which at any point of time we know what is the number, how much, how many sites are active. Now that's one one part of it and and for that like we, yeah, so that's one. The 2nd is that they wanted to have a.

Way to create a sort of they they wanted to do the configuration and not get charged when they are configuring the site, which means that they wanted to have a way where they can say OK at this point the site is not ready to hand over to the customer or it's not used for production, so those sites should not be included.

It in the in in the licensing in the like number of licenses. So that's that's the second part. The third is that given that these are the they have they want to have like fights you can say sort of in configuration state which are not being paid.

We wanted to restrict who will be able to configure those sites because those has to be Veolia people and then in that case those sites may not be, may not be chargeable.

Because of that, we limited the number of users from Veolia size, which mostly are DCS team and they wanted to take it to a regional level as well. So we restricted the number of users who can be considered as a customer Veolia customer success team or or Veolia account team.

Who are using the software to configure the sites but it is not in production yet. So that is that's a requirement from the from the business perspective. The next is more into frequency. They want to count the number of sites per quarter instead of like what we thought earlier here.

Want to do it quarterly. So let's say this quarter it is 100 sites, next quarter is it 150 sites so that every quarter the licensing will be calculated based on the number of the production sites. So that is more on the business side. So what we thought that OK given that this is the situation.

If we put it in a a licensing module where every like every new key, every new site it is, it has to be granted from the license which is generated on the.

Automaton site so like we have some sort of license that we're running on automaton which has to be which it should be providing the key instead of instead of they should be able to create our and just create the sites on without having any.

Book to to us. So that is one. The 2nd is that if we can give the call home every quarter to provide the number of sites or the product stats, the site stats and that way we will know we don't have to ask them how many sites they have, we can just basically know from our license.

Server the least many sites currently are in active state in in in Veolia site. So that's

the that's the second part. The third is same thing is on the number of users like number of users if if the part of the stats which can be provided quarterly in terms of how many Veolia.

Users which are there which are basically for the configuration purpose then that also if they add let's say currently we provide them 12, if they add 13th then that becomes the the point of conversations with them that they we were only allowing them 12 people who can do configuration.

So that is that's a sort of background. Then there are some challenges we had and I just want to talk here that because a site when it is configuration, when it is production, it may not be like that sometime it's it's it's hard to.

Be mark like when it goes from configuration to production. They also because the Veolia business is that they provide the full full service to the customer which means that they can continue to use software just for their own purpose.

And customer may never get the access to the to the software because they are providing all the reports and everything on behalf of the customer. So those are the challenges which we which we had and taking all those consideration we just put maybe a skeleton of the requirements.

And can be modified if we if we think that there may be more things which should be considered. So let me take a pause and see if this makes sense.

Kartik Shah 6:25

Yeah, I have a few questions high level before, so I wanna go first before I let Nancy ask more on the detail side. So this is going to be a generic component, right? The license server, we should build it as a generic component, not an HWF. HWF would. Be the first consumer, but uh, we should build it in a way that can be consumed elsewhere, right?

Alok Batra 6:52

Yes, that's right. Because the on Prem is getting more and more required the demand. So yes, that's right.

Kartik Shah 7:02

Yeah.

OK, so second thing is the site keys that we currently have. These are the keys that are being used to communicate between HWF and Insight.

So this would be an add on site key that will be used on the the two to essentially communicate between HWF and the stack license server. So this would be kind of like the second site key, site key or actually third site key.
Uh.

Alok Batra 7:34

That may be one way to think. Other way to think is that these keys for boost to talk to the SWF. Those keys itself is controlled by the license server.

Kartik Shah 7:47

OK, yeah, so Boost can use the same site key to talk to HWF, but let's leave us our Boost for a second, right? Even for an HWF site, that site will have to have any stack license key.

Alok Batra 7:51

Yes.

Kartik Shah 8:06

Right now for boost to talk to HWF, does it use the same one? Different one? Yeah, I think same one is OK We can use different one as well. It doesn't make a big difference. But for HWF, each site will need a site key.

Alok Batra 8:20

Yes, listen.

Kartik Shah 8:22

OK, OK. Now when on the HWF we create a new site, that's the moment when when when you create a new site is when you will give it a site key. So that means the provisioning flow would be somebody has to.
So create that site on the stacks license server side and then give it the key and then you can create a new site on HWF side right? So we.

Alok Batra 8:53

It has to be automated. When you say somebody has to create it, it has to be automated. We cannot have the person in the middle.

Kartik Shah   8:59

OK, OK so create. So then we need to support. The license server needs to support like a create, update, delete APIs.

Alok Batra   9:07

Yes, that's it. Yes, that's it.

Kartik Shah   9:10

OK, so because when I create a site, when I update a site status or when I delete a site, all those things will be automated from HWF site.

Alok Batra   9:21

That's true.

Kartik Shah   9:22

OK, uh and then um, so if the site has been created, uh.
There should be like a heartbeat sort of a thing between HWF and the license server or like we just we just keep our data based on the create, update, delete.

Alok Batra   9:47

Yeah, I think that should be enough. And then quarterly sort of call home, yeah, start to see.
But yeah.

Kartik Shah   10:06

So that would be like a fourth API call which is needed. Create, update, delete and aggregate information.

Alok Batra   10:09

So.
Yeah.
Yeah, the information has to be pushed from from HWF because we may not have the incoming. It will be harder for us to get from access from from Veolia, but it is going to be pushed from HWF to license server.

Kartik Shah 10:29

OK.

Uh, push from HWF to license over. Uh, OK.

OK. And then so just keeping things separate. So the license server is going to support two kinds of keys, dev key and production key you're saying, right?

Now on upgrade water footprint side, just let's leave us a aside boost for a second. On upgrade water footprint side we have basic plant, commissioning plant, active plant and like we have various plant states and they have basic plants which are. So like these are more than like.

They are in the basic state for a very very long period of time. It's not like uh in between state.

So uh, on what basis do we determine who to give a dev key and who to give a production key?

Alok Batra 11:31

So we need to and that is still some of the discussion going on, but what we are saying is that we don't care from automaton side we or a stack side, we don't care whether it's a basic side or it is a active site because that's a domain specific characterization.

That this site is basic, this site is active, so we have no control on that. So we will consider them as the site irrespective whether it's a active or it is basic.

Kartik Shah 12:01

OK, so essentially any site that is created on upgrade water footprint side, those would be production keys sites that are created from the boost side. Now the boost to upgrade call may include whether this is a.

Alok Batra 12:09

Yes.

Kartik Shah 12:20

This is a dev mode or this is a production mode and then only through that route there will be a dev key that is created and supplied when it is kind of coming originating from the booth side.

Alok Batra 12:38

Just give me one second. I want to check one before I just give me a SEC.

Oh.

Yeah, no, that's right. So I just wanted to reconfirm if there's any change between the basic site and the active site. Sorry, can you just repeat it? Yeah.

Kartik Shah 13:15

OK.

Yeah, no. My question was any site that is created on upgrade water footprint side will automatically get assigned a production key, but a site that is the creation is originating from boost.

Alok Batra 13:29

Thank you.

Kartik Shah 13:33

There will be in the between the boost and upgrade call. There will be some sort of a mechanism through which boost will say I want a dev or I want it in the production mode and so if they're in the dev. So that is the only route through which a dev key will get created.

Alok Batra 13:46

That's it. That's right, please.

Kartik Shah 13:53

When it is originating from Boost and Boost specifically says that I want a dev key.

Alok Batra 13:53

That's it.

That's it, yes.

Kartik Shah 14:00

OK. And finally the number of upgrade water footprint admins. So we have different roles. So HWF admin is kind of the super user role and then we have enterprise

admin as well.

Uh, we care about HWF admins, right? Which have basically have admin access to all the sites which are the Super users.

Or you want or or we can in the stats we can publish all the users like what is the total stat? How many HWF admins are there? How many admins are the enterprise admins are there? How many enterprise users are there? So we can publish all the numbers as well.

Alok Batra 14:30

Oh.

People.

Yeah, yes. We need to make sure that we don't publish something which they can come back and say that is a it's a privacy issue. So like like I take example like the names of the people, customer or user.

Kartik Shah 15:00

Yeah, so we just, we can just aggregate and publish, right? Like how how many total is there? Not give, not identify any organization as well that hey, how many belong to Veolia, how many belong to something else?

Alok Batra 15:07

But.

That's correct.

Yeah.

But.

Kartik Shah 15:17

OK. Um and uh, so they'll, yeah.

Alok Batra 15:22

One question before you go. One question do we is there any demarcation when the site goes from configured configuration state to active state?

Kartik Shah 15:34

We don't have like a specific configuration state. We have like a commissioning state,

but a site can be in active state and has no configuration in it and as and when the user creates the topology, it does the mapping.

That's when we'll we'll pull it, pull the information so a site can be semi configured or non configured and still be active.

Alok Batra 16:05

Yeah.

Kartik Shah 16:10

OK. And last thing is the key refresh, right? So like once the site is created, we create a key. Is there a requirement to kind of refresh the key manually?

Or like it's like one time done.

Alok Batra 16:31

Yeah, so that is. So that's the one requirement which came from Alex. They said that they they want to make sure that the keys are like they're not the constant because to for the security reasons. So we think that we should be refreshing it on monthly frequency, which means every month they have to refresh this.

Kartik Shah 16:41

OK.

OK.

OK, so they will make a call to refresh the key and we'll give them a refreshed key for that for each and every site.

Alok Batra 16:51

OK.

But.

But.

Kartik Shah 17:02

OK, so that would be a fifth API call, create, update, delete, refresh and stats get aggregate stats. So five API calls that the license server needs to support.

Alok Batra 17:10

Refresh.

Yeah, yeah, yeah, yeah.

Kartik Shah 17:19

And last thing, I think the license server we should use some standard like the. I think there is like AWS Configuration Manager or something like that. We should be using that right like.

On our side, on a stack side, I think there is some standard utility on AWS side which holds keys, which is a secure store for keys.

Alok Batra 17:41

Yeah. So there is a key here. Yeah.

Yes. So yeah, so that is on HWF side, surely we have to use because that's a requirement from from you earlier on at our on Atomaton side, it's up to us like we may just store it in the database, we don't have to use the.

Uh, AWS, but that's.

Kartik Shah 18:02

They they make a little that hey, it's not secure if you store it something like this.

Alok Batra 18:09

OK.

Um.

Kartik Shah 18:11

Uh.

Alok Batra 18:13

Yeah, well.

Kartik Shah 18:14

But yeah, I'll let, uh, I'll let the team design that. So those. Yeah. So I I think I get it.

Um, I'll let Nancy, yeah.

Alok Batra 18:18

OK.

So one more thing. Yeah, one more, one more thing before we transition enforcement. Who is enforcing the the key?

Kartik Shah 18:35

Uh.

Alok Batra 18:36

If somebody has to enforce it, otherwise these keys have no meaning, right?

Kartik Shah 18:40

Yeah, on the.

Alok Batra 18:47

So somebody has to check whether the key is valid or not before, uh, accepting.

Kartik Shah 18:50

Yeah.

Yeah, so that enforcement has to happen on HWF side only whether the key is valid or not. Now question is.

How do we check and if it is invalid, what do we do?

So how do we check? It has to be a call back home, right? Uh, that hey, whether this is.

Alok Batra 19:21

All cash, all, all, all cash for.

Like a callback may be too expensive, so it may do some kind of like like a token. It may cache for a certain period and then refresh it.

Kartik Shah 19:36

Yeah, so that so you can do a call home, you can get a token, the token can have an expiration date and then before it expires. So that's OK. That's a 6th API call which is whether it's valid or not. So get token or the.

Alok Batra 19:44

Yes.

Kartik Shah 19:55

Check uh validity right? That's the six TPI goal.

That needs to be supported on the license server side and now if it is invalid essentially.

A.

If it is invalid, we stop doing all the we we.

Alok Batra 20:16

No, I will not. Yeah, I will not put that drastic. I would say that if it is not valid. We should create some kind of warning and to both sides to call home and to application or admin side.

Kartik Shah 20:33

OK, warning in what form? We cannot send emails so we can publish it on the logs, but unless somebody looks at it, we can put it on the alert message on HWF side. But that is also not going to give us that information because we may not have access to that dashboard and they also don't look at the alerts. They may also not look at the alerts that frequently.

Alok Batra 21:06

But we can always publish that alert to our to back to a stack.

Kartik Shah 21:14

Yeah, we can have HWF publish and alert to a stack if it is invalid.

So that would be a 7th API call.

Alok Batra 21:29

So discussion here. So let's say Booth tries to access HWF and the key is not valid, then it will reject the API call like today it rejects right?

Kartik Shah 21:40

Yeah, so today it will reject the yeah. So today what happens is when Boost tries to access HWF, let's say they want to do some mapping, they want to get the asset mapper. If the key is invalid, the page doesn't load.
For them, because, yeah.

Alok Batra 21:58
But we should have the same behavior. So we should have the same behavior.

Kartik Shah 22:03
OK, so if HWF site doesn't have the valid key, they cannot see the site. Basically site exists on HWF but they cannot see any content.

Alok Batra 22:10
Yeah, that's right.

Kartik Shah 22:18
Or and we do not pull or do not do any data refresh for that site for from insight, right?

Alok Batra 22:25
But but.

Kartik Shah 22:29
And we send a message home that uh.
The key is expired.

Alok Batra 22:36
Yeah, that's that is true. Yeah, that will be more like a like as it can go as a part of stats or as part of like error.

Kartik Shah 22:45
Yeah, and then any message home we can publish an e-mail to ourselves. That is not an issue, but from HW if we cannot publish a message.

Alok Batra 22:49

Yes, perfect. Yes, perfect.

Kartik Shah 22:57

OK.

So that's those are all my questions. I don't know whether you guys were thinking the same thing, Nancy and Anne, or it's a much bigger scope than what you were thinking earlier.

Nancy tran 23:17

Yeah, I think you, you and Alok asking and answers all most of question my questions, yeah. And for the last one over here as your questions as well.

Kartik Shah 23:28

OK.

Nancy tran 23:35

So does that means that the on the inside, on the inside side they need to get the updated API?

Like to push currently we have the and then need to put the the site API key on the header.

Kartik Shah 23:55

Yeah, uh, so this is on the boost side, right?

Nancy tran 24:01

Yeah.

Kartik Shah 24:02

So on boost to HWF communication there is I think there are three APIs right now, create boost dashboard, get asset mapping and and kind of Update the mapping right?

Create mapping sort of a thing. Yeah, what is the second one? I think I forgot. I forgot the name, but the one that we do to.

No, there's create boost dashboard, get asset mapping external. How do we Update the mapping? Yeah, Update asset parameter by ID. So that's kind of the updating the mapping, right?

Nancy tran 24:41
Yeah.

Kartik Shah 24:42
OK, so there are three. Uh, so.
There needs to be an API which is OK. So in create boost dashboard itself there will be a parameter which says what is the what's the kind of site whether it's Dev or production.
If it is and then as part of this we can return create boost dashboard, we can return an API key. If they ask for dev, we return a Dev key. If they ask for production, we return a production key. Now there needs to be another API which is kind of update. Uh, sort of an API Update boost dashboard or something where they can go from Dev to production or production to Dev and then when they ask for an Update we give them, we give them an updated key.
Right. And essentially the Update flow can can persist, can remain the same for a key refresh as well. Like when we do a monthly key refresh, they can trigger that monthly key refresh.
So the refresh would be always triggered from the consumer side, right Alok? We cannot trigger it so they will have to trigger the Update on their side Nancy and so in that Update API. So that would be like a new API call. We need to create Update API key.

Alok Batra 26:02
Yeah, definitely.
Yeah.

Kartik Shah 26:17
Or something, uh, wherein they can Update uh the key.
As it is like stay in Dev mode or they can Update the key by going from Dev to production or production to Dev or stay in Dev or stay in production. So it's the same

API which should take into account like what kind of key it is.
Uh, and what kind of key they want.

Nancy tran 26:49
So on the on the on the a stack for one site, I I don't mention the AWF site, just mention double site either the.
Own way available to kind of key or just one one is brought or one that?

Kartik Shah 27:13
A single site will only have one key, either it is Dev or production.
Is that done? Is that the question?

Nancy tran 27:22
Yeah, yeah.

Kartik Shah 27:24
Yeah, a single side will only have one key. Either it's Dev or production. It cannot have two keys.

Nancy tran 27:32
Mm.

Alok Batra 27:32
Yeah, the other thing is that each key has expiration, which means is that if if the old key is used, then it's the same behavior as invalid key, which means that they should be refreshing. The client should be refreshing it before before making the choice.

Nancy tran 27:49
OK.

Kartik Shah 27:49
So can we, I think maybe can we do the refresh and expiration kind of just keep it consistent like if it is refresh is the requirement monthly the token may we can just keep the token valid for a month.

Alok Batra 28:07

Yeah, that's actually.

Kartik Shah 28:11

Yeah, so we can do that. So token can remain valid for a month and then I think when the token expires they need to refresh the key and it goes all the way to the license server to get a new key.

Nancy tran 28:27

OK for specially for the query is boost dashboard over here. So if we put the API key over here.
Like when when the site we have the mechanism, we check the site is doesn't exist in AWS, we create a new site for that one.
So when we put the the API key on the header on this API, how we should we cannot know which the API key we need to put over here.

Kartik Shah 28:54

Yeah.
OK.
Yeah, so I think there are two levels of API key. There is the application level API key and there's the site level API key. So when Boost dashboard is is is is invoking create API right? Like we need to just make sure that Boost dashboard.
Dashboard is a legitimate entity. That's where I think we already have that API key.
Right now it's static, so I don't know whether we need to make it dynamic or not, but the way boost dashboard calls upgrade, they pass an API key which is static.
And then as a response to this we will get API key which is site specific API key and that kind of we have discussed the entire flow but the flow between upgrade and boost.
Which is the initial flow create boost dashboard. Uh does that API key also need to be dynamic look application level API key?

Alok Batra 30:17

Oh.

Kartik Shah 30:19

You understand the question.

Alok Batra 30:21

No, the application level means which is the boost application or the application.

Kartik Shah 30:26

Yeah, yeah, so Boost, Boost invokes. Boost makes a call to upgrade water footprint, right? What we have done is right now given an API key to boost because in future, OK, if we have another application making a.

Alok Batra 30:34

Good.
OK, good.

Kartik Shah 30:43

Call to upgrade water footprint. We need to make sure it's the the application is authentic. So we have given them an API key which is application level that hey any API from boost will will have this application level API key and.

Alok Batra 30:46

Yeah.
But but.

Kartik Shah 31:03

Then now you are adding site level API key that hey for this site this is a specific API key.
Um.

Alok Batra 31:10

OK, and that key is is purely for the purpose of identifying the application, so it is.

Kartik Shah 31:15

Yeah, yeah, that key is just for us to validate that, hey, this is the right application. I can go ahead and create a boost dashboard.

Alok Batra 31:26
Yeah, I think it will be good to as part of this, we should do all key consolidation for this also.

Kartik Shah 31:33
OK.

Alok Batra 31:33
Would like to continue.

Kartik Shah 31:35
So then in that case.
Oh.
But these are site specific API keys, right?
And so question is, do we need an API key for boost as an application application level API key? I think that's kind of industry standard practice.

Alok Batra 32:02
Yeah, because otherwise you don't know if the if the requests are coming from rogue client. So that is right. So even if it's a key and it has to be like better to we have more.

Kartik Shah 32:08
Yeah.

Alok Batra 32:17
Centrally managed key other than locally managed with the.

Kartik Shah 32:20
Yeah, so then in that case, Nancy, we need to create that same flow for boost itself. Like boost will ask for an API key from upgrade water footprint.

Nancy tran 32:35

Mhm.

Yeah.

Kartik Shah 32:41

And then when the key is expired, we we make sure that the expired key is valid like it was and then we give them the new key.

Nancy tran 32:52

Yeah.

OK.

OK, so the next one is related to the the chain of just over here. Currently it's route conform to org hub and site license.

But I think we also have the enterprise concept like under Vela we have the a lot of site and the Vela is belong to a price.

So how we can manage that?

Kartik Shah 33:39

Sorry, I don't understand this. What is chain of trust?

Nancy tran 33:43

So the things is so this either the hub right and the hub is have the has it like currently.

Kartik Shah 33:52

What is the?

Alok Batra 33:54

I told you.

Nancy tran 33:55

Huh.

Kartik Shah 33:56
Oh, how is HWF OK?

Nancy tran 33:59
Yeah, yeah. And the hub is has the organised organised ID over here and but under the hub we have the enterprise level and under the enterprise level we have the site level.

Kartik Shah 34:07
Yeah.
Yeah, yeah, OK, OK. So yeah, does it require? Does each enterprise also require a a key like create enterprise? Does it require a key look?

Nancy tran 34:15
Yeah.

Alok Batra 34:30
Again, from the business perspective, answer is no because we each enterprise, sorry, step back, each enterprise we consider this site. Let's say if there's only enterprise, there's no site that created, then we will consider the one site. So maybe the answer is yes.

Kartik Shah 34:51
I can have an enterprise without a single site by just creating proxy proxy sites. Now that proxy site doesn't have. Yeah, so each enterprise think better to have an enterprise level API key as well.
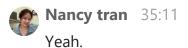
Alok Batra 34:58
Yeah. So we will consider as one side.

Kartik Shah 35:09
I think just in case so far just to cover that scenario wherein there is an enterprise but no active basic or commissioning sites, only proxy sites.

Nancy tran 35:11

Yeah.

Kartik Shah 35:31

So yeah, I think we need to have an enterprise API key as well, Nancy.

Nancy tran 35:37

Yeah, OK. OK. Keep talking related to the plan state. So do we include the proxy and Commission as well?

Alok Batra 35:51

No, not proxy sites. Proxy sites. We we don't. We don't count them.

Kartik Shah 35:56

Yep.

Nancy tran 35:58

OK, uh, when it.

Kartik Shah 35:59

Proxy sites, that is it. Yeah, it doesn't live as an entity, standalone entity. So yeah, commissioning, yes.

Nancy tran 36:06

Yeah, OK. So when it comes to commission commissioning, this is a special case. Currently we allow user to create can create the site ID with the different state like we have the two sites same site ID which one is commissioning.
One is active or basic?
So if the size given is the society is unique so.
It's difficult to handle the commissioning plant over here.

Kartik Shah 36:41

Sorry, sorry, you are saying what are you saying? Can you repeat the question?

Nancy tran 36:46

So currently we we give this the site ID is unique, right?

Kartik Shah 36:56

Yeah.

Nancy tran 36:56

Yeah, but currently on outside on a WF allow user can create the the duplicate the site ID with different plan state which is can commissioning which is can active or basic.

Kartik Shah 37:11

Yeah, yeah, yeah, yeah, we did that. Same two sites can be pointing to the.

Nancy tran 37:13

No.

Kartik Shah 37:22

Uh, OK, so those two sites are pointing to the same site ID on insight side.
On our side, we can still treat them as two different sites, right? And give them a unique API key and then if they want to reduce the count, because for us it is increased management. If they're duplicating the site, that is not our problem.

Nancy tran 37:38

Yeah.

Kartik Shah 37:51

Right. So if they have duplicated the sites, we count them as individual two sites.

Nancy tran 38:02

Oh, OK.

Kartik Shah 38:04

So anytime there is a create site, the same flow exists. Irrespective of whether that site is pointing to the same site on inside side or not, we don't care.

Nancy tran 38:18
OK.
OK, so for the privacy for the users manifest over here, do we include some like the sign name, enterprise name, something like that?

Kartik Shah 38:38
Not the name, I guess only the counts, right? What is the total number of enterprises? Total number of sites use using Dev key? Total number of sites using production key?

Nancy tran 38:50
Mhm.

Kartik Shah 38:54
And total number of SWF Admin users, enterprise Admin and all the different roles but not putting the e-mail ID or any sort of identifiable information.

Nancy tran 39:09
OK.

Kartik Shah 39:11
I don't think we should even put the enterprise names or site names in the in the start sheet.

Alok Batra 39:18
So on the agreement side, we said that we will allow them to have named users like like 12 named users. So I'm assuming those like named users are more customers, customer success team.
But.

Kartik Shah 39:35
OK, so we can put the e-mail in the stat sheet e-mail of the HWF admins.

Alok Batra 39:39

Yeah, only for the. Yeah, that's right.

Kartik Shah 39:44

OK, so e-mail IDs of HWF admin. So can we put the names of the enterprises or not the names of the enterprises?

Alok Batra 39:52

No, we should talk. That will be the, yeah, that will not work.

Kartik Shah 39:55

OK, OK, so just just the names of HWF admins.

Alok Batra 39:58

OK.

OK.

So yeah, name of the AWF admins and what we can do is we can put enterprise and number of sites. So like every enterprise how many sites and then that will give us a total. So that way we will also know the size.

Nancy tran 40:02

Oh.

Kartik Shah 40:13

So enterprise one, OK, enterprise one, what is the number of Dev sites, number of production sites and then enterprise tool? OK, so we can put that as a like, yeah, that is the Jason structure.

Alok Batra 40:19

Number of sites.

Yeah, that's it.

Yes.

Nancy tran 40:31

OK, OK. So Speaking of the admin over here, currently we have the employee admin user like.

All of us like this. So do we count it or not?

Kartik Shah 40:48
Do we what?

Nancy tran 40:49
Do we count it?

Alok Batra 40:49
So yeah, we are. So yeah, that's right. So this is, this is automaton users you're talking, right?

Nancy tran 40:55
Yeah, yeah, yeah, yeah.

Kartik Shah 40:55
No, these are HWF. No, these are HWF admins. So right now it includes Veolia folks and and us our folks. So all the HWF admins, we should publish their names.

Alok Batra 41:07
Yes.

Kartik Shah 41:11
In the in the start sheet, everything is number of enterprise, enterprise admins. We just publish the total number. We don't publish the name enterprise admins and plant users and all those things, demo users and all.

Alok Batra 41:11
Yeah, but but that's all.

Kartik Shah 41:27
We just published the total number.

Alok Batra 41:31

Sorry, I'm I'm coming close to a call. I may need to drop, but I can continue at in the morning here. Got it.

Nancy tran 41:31

Yeah, yeah, but.

Kartik Shah 41:42

Yeah.

Alok Batra 41:42

I need to drop a discount.

Nancy tran 41:43

Yeah, OK.

Kartik Shah 41:46

Yeah, Nancy, we can continue if there are any questions, otherwise we can talk in mind.

Nancy tran 41:52

Yeah, OK, we can continue. Yeah. So let's say we have the in required we need to count the how many the AWS admin user.

Kartik Shah 41:56

OK.
No HWF Admin user. We can put their name, their names and e-mail IDs. Everything else we just put the count. We don't put their names.

Nancy tran 42:17

Yeah, yeah, but seeing the like our our our e-mail is still just at the AW admin.

Kartik Shah 42:28

Yeah.

Nancy tran 42:30

Oh.

Kartik Shah 42:31

That's fine. That's fine. That's that's OK. They will, they will take over, take it over one day in a year or so and then we won't be HWF admins anymore.

Nancy tran 42:39

Um.

OK, OK. Uh.

Kartik Shah 42:46

It will be probably enterprise admins with multiple enterprise access or just a demo enterprise access and they will take over the HWF Admin role.

Nancy tran 43:00

OK.

OK, so for the statement, customer can e-mail or upload this one file to you. Who is customer over here and who is you?

That does mean is the customer is the web and use a the a stack server.

Kartik Shah 43:22

Yeah, so HWF. So amongst the six or seven calls that I spoke about right, one of the call is Update stats. So as far as the update, so when HWF makes the call to Update stats.

The all the stats will go to the stack license server and can be stored over there in a in a JSON file or something that we can retrieve.

OK, so when it says a customer can e-mail or upload this one file to you, it's essentially uploading that JSON file into our server.

Nancy tran 43:55

OK.

Kartik Shah 44:08

From HWF into a stack server, it's it's sending all this statistic information in the form of a JSON file.

Nancy tran 44:12
OK.
OK, OK.
OK, I think I get it. One of the so the things is this one is the required.
Can can be used the UI or command line. So currently do we implement the UI as well or just you the totally on the back end only for the?

Kartik Shah 44:46
I think back end back end is fine for now.

Nancy tran 44:48
OK.
OK, so.

Kartik Shah 44:53
I think this one is overridden. The old requirement that I gave that is overridden, just the the the watermark and those things still remain. If they if it is a Dev key then we need to put a watermark.

Nancy tran 45:04
Yeah.
Yeah, yeah. So Speaking of the Atomist.
You know, currently seeing a standard requirement over here on the back end side we need to to suprint actually, but seeing long.

Kartik Shah 45:32
OK, this is with the updated requirement or with the?

Nancy tran 45:38
A stand requirement.

Kartik Shah 45:40

OK, with the extended requirement, do you understand the requirement and?

Nancy tran 45:41

Yeah.

An Nguyen Thanh 45:47

Yeah, I got it's Karthik. I also.

Kartik Shah 45:52

OK.

OK, so I think first of all we need make sure that the requirements are correct. So if you can Update the definition and everything tomorrow, Nancy and send it to me, I can take a look and then if you can in the meanwhile if you can create some sort of a design document.

Nancy tran 46:06

Yeah.

Kartik Shah 46:14

Implementation and and we need to target a review of that design documentation by end of day Wednesday. That way we'll know for sure like what's the what's the right effort estimate.

Nancy tran 46:31

Yeah, OK.

An Nguyen Thanh 46:31

Yeah, I have a. Yeah, you can look a little. I think you check a little bit on your chat, so you can take a look on it first.
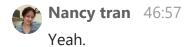
Kartik Shah 46:36

OK.

OK. Based on whatever we discussed today, I'm thinking there will be some changes,

right? So just make the change and then I'll review anyways, I'm going to review it tomorrow, so just make the change.

Nancy tran 46:57
Yeah.

Kartik Shah 47:03
Tomorrow morning and then I can review it, both the requirements and the designs and then we can get it approved by Alok tomorrow and submit the timelines also tomorrow.

An Nguyen Thanh 47:17
Yeah, I got it.

Nancy tran 47:17
Yeah, OK, OK. Uh, got it seen a long currently.

Kartik Shah 47:18
OK.
I actually before we move on. So yeah, good, good.

Nancy tran 47:28
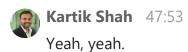Uh long is currently is for 100% on other projects.

Kartik Shah 47:34
Yeah.

Nancy tran 47:36
OK, long and long, right?

Kartik Shah 47:37
Yeah, yeah, till they are not done with those two things, we cannot take them.

Nancy tran 47:46

OK, OK. So we assume in the currently we just have the three person on our project, OK.

Kartik Shah 47:53
Yeah, yeah.

Nancy tran 47:55
OK. OK. I think I get it. If you have any question, I will come back with you tomorrow.

Kartik Shah 47:57
OK.
Yeah, I think you can just let Alok know that. I think the ETA will provide it by tomorrow because the requirements is clear now. So we'll take tomorrow to provide the ETA. You can just let Alok know.

Nancy tran 48:08
Yeah.
Yeah.
Yeah.

Kartik Shah 48:17
OK.

Nancy tran 48:18
Yeah, OK.

Kartik Shah 48:20
Yeah.

Nancy tran 48:21
OK. Thanks.

Kartik Shah 48:22
Thanks, guys. Bye.

● **An Nguyen Thanh** stopped transcription