0:00
It also says that there is an update available for this.

0:03
I can go to different patch level.

0:05
Let me click on it.

0:07
You will be presented with different gold images that are possible for this database to get patched up to.

0:12
So looks like we have an October PSU which is far more secure than what it is.

0:17
Now, you get to choose your downtime or you get to choose your maintenance window.

0:21
When do you want to patch it?

0:22
It could be night at 2:00 or it could be now like emergency repair for your databases.

0:26
So, all that it takes is one click, literally one click for database patching, right.

0:32
So this will get you your Oracle databases get passed.

0:35
If you see the number of steps, I am not going to go into details.

0:37
You can definitely attend one of our deep dive sessions to go through it.

0:41
We will make the patching process completely atomic, right?

0:45
So that is 1. So while this patching process is going on, let me talk about data management.

0:49
And probably I will break some Guinness Book of World records of data management here.

0:55
So here is our highly differentiated time machine.

0:59
You can see this, this is ACRM database running for more than a year that we started this product and testing it in our central site.

1:06
It has an SLA of gold.

1:08
That means that 30 days of continuous recovery region.

1:10
That means literally you can go to any point in time to the order of seconds.

1:14
In case of Oracle, you can go to the last sub second if you know the transaction ID too.

1:19
And then say that I would like to create a clone, we will be able to do that.

1:22
Now you have seen this demo about six months back.

1:25
So what, what's new in the time machine?

1:27
Now the time machine has the capability not only to preserve your data protection snapshots, but also your snap sanitized snapshots.

1:35
That means that you want to kind of create a masking copy of your database and then give it to your QA.

1:40
So how do you do that?

1:41
You can see this time machine maintains sanitized copies.

1:45
There are only four copies of sanitized copies in this time machine.

1:48
How do you achieve that?

1:50
Let us just go to the administration.

1:52
You will see that you can create a masking policy.

1:56
I have created a masking policy for format preserving Social Security numbers.

2:01
I can maintain 4 snapshots over the periodicity of a weekend.

2:05
And how do I make sure that I give this only sanitized copies access to my QA?

2:11
So here is how you do.

2:12
There is a data access management control that you can do it.

2:16
I have given this to Mr. David, who is my QA lead in the company and say that, hey, you can access my time machine, but only sanitize copies.

2:24
You don't have access to your production data.

2:26
So let me log, log in back as David and see what I can do with it, right?

2:38
So now I'm logged as Mr. David.

2:41
You can see that I have zero sources.

2:43
That means that I don't control any databases.

2:46
I do have two clones.

2:47
I have time machine access.

2:48
Let's see what I have, what I can do with this time machine.

2:52
So I as the David here pure lead has access to only time machine sanitized snapshots, not the data protection.

3:00
I don't have access to the source database.

3:02
I just want to consume the data.

3:04
Even the functionality that what I can do is limited.

3:07
Let's go and look at the actions.

3:10
I cannot manage this time machine.

3:11
I can only consume it.

3:13
I can create clones from it.

3:14
So let me go ahead and create a clone.

3:19
For cloning, it's pretty much close to provisioning kind of stuff.

3:22
You pick your snapshot, go to next, and then you can choose again your compute profiles, network profiles and so on and so forth.

3:31
And of course, we don't carry passwords.

3:35
We need to give the password and click clone.

3:40
That's all it takes to create a sanitized clone environment by your QA from the time machine, right?

3:47
So now finally I will conclude the demo with refresh.

3:50
One click refresh.

3:51
Let me go back to databases by the same person.

3:55
I have a MySQL database Billings.

3:58
It has not been refreshed for 20 days.

4:01
Now, my boss tells me that I need to go back to the latest state and try new changes.

4:05
Let me look at the database.

4:07
I see a refresh button here.

4:09
Click on it, I will be presented with all the latest snapshots that I can do with it.

4:14
Again, choose your snapshot.

4:16
Let me go back to the latest Saturday snapshot and click on refresh.

4:20
Again, one click.

4:21
So the point I'm trying to convey here is we are ready for enterprise workloads both for performance as well as we want to give the life cycle management like an iPhone experience for your databases.

4:33
We'll cut down your provisioning from days to minutes.

4:36
We will cut down your backup from hours to seconds.

4:38
Literally.

4:39
This is an application-consistent backups, and we can create highly efficient, elegant copies and data protection for you.

4:47
Thank you.