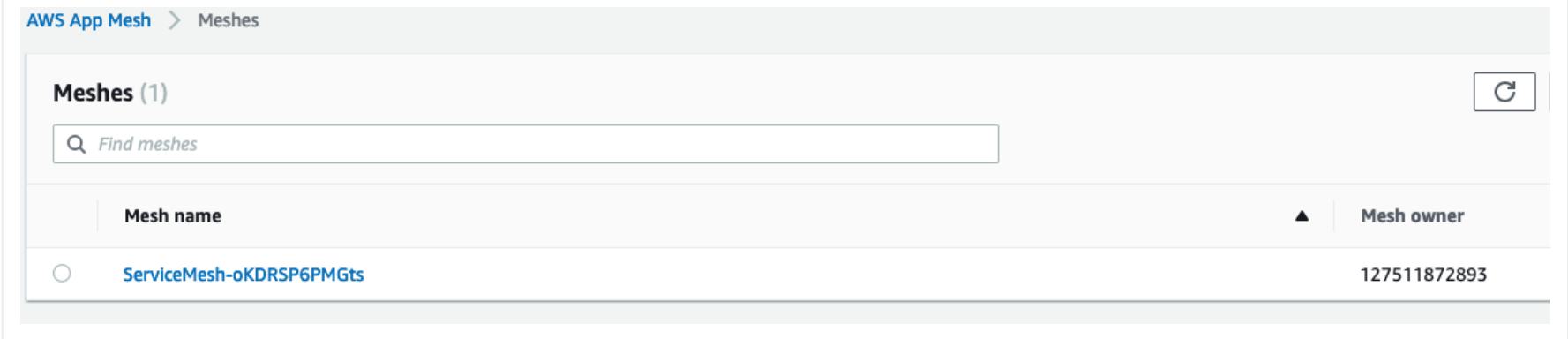
AppMesh and X-Ray Console

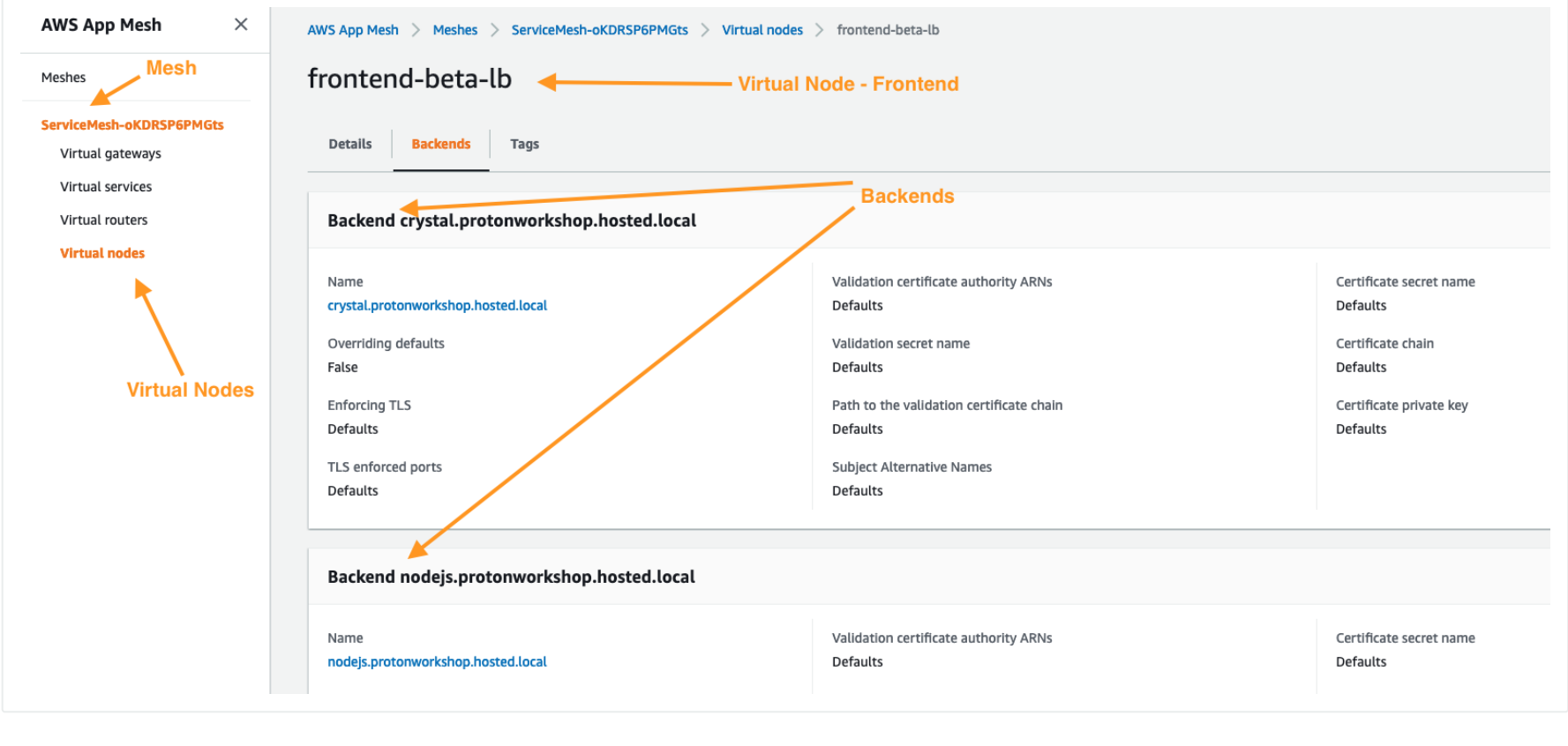
In this section, we can explore the AWS Appmesh and X-Ray UI to see the resources we have created.

Explore Appmesh

You can now navigate to App Mesh UI and click on Mesh which starts with the name `ServiceMesh-xxxx`

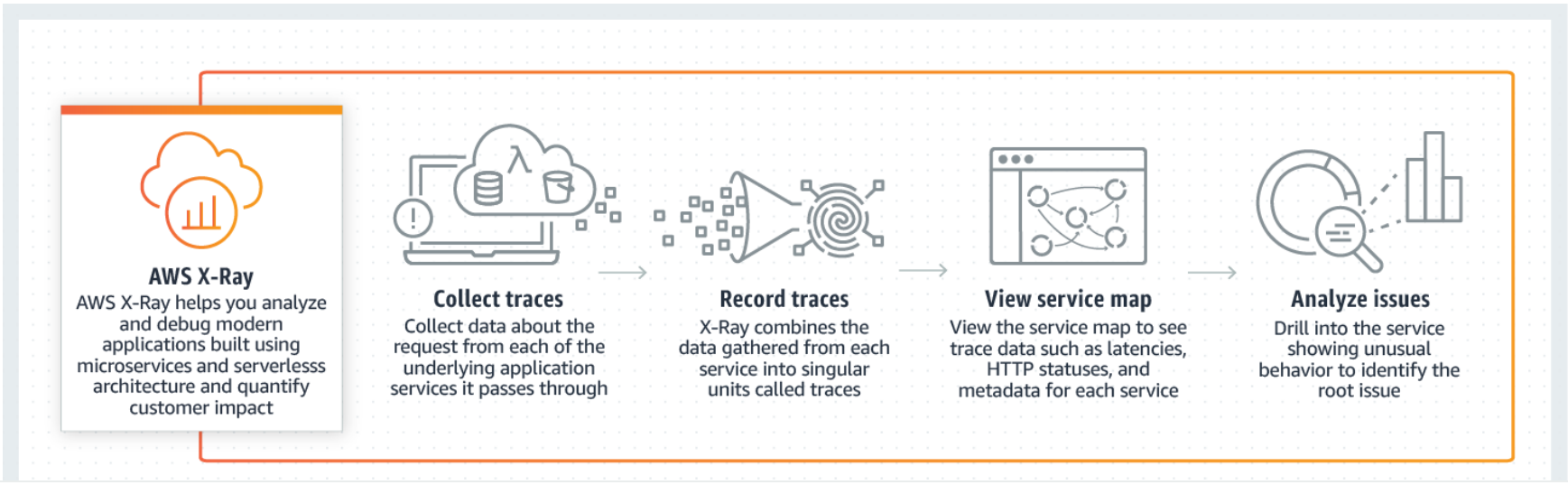


You can now click on `Virtual nodes` and explore the 3 virtual nodes. If you click on `frontend-beta-lb` virtual node, you would see other 2 virtual services `crystal.protonworkshop.hosted.local` and `nodejs.protonworkshop.hosted.local` are listed as its backend.



Explore X-Ray

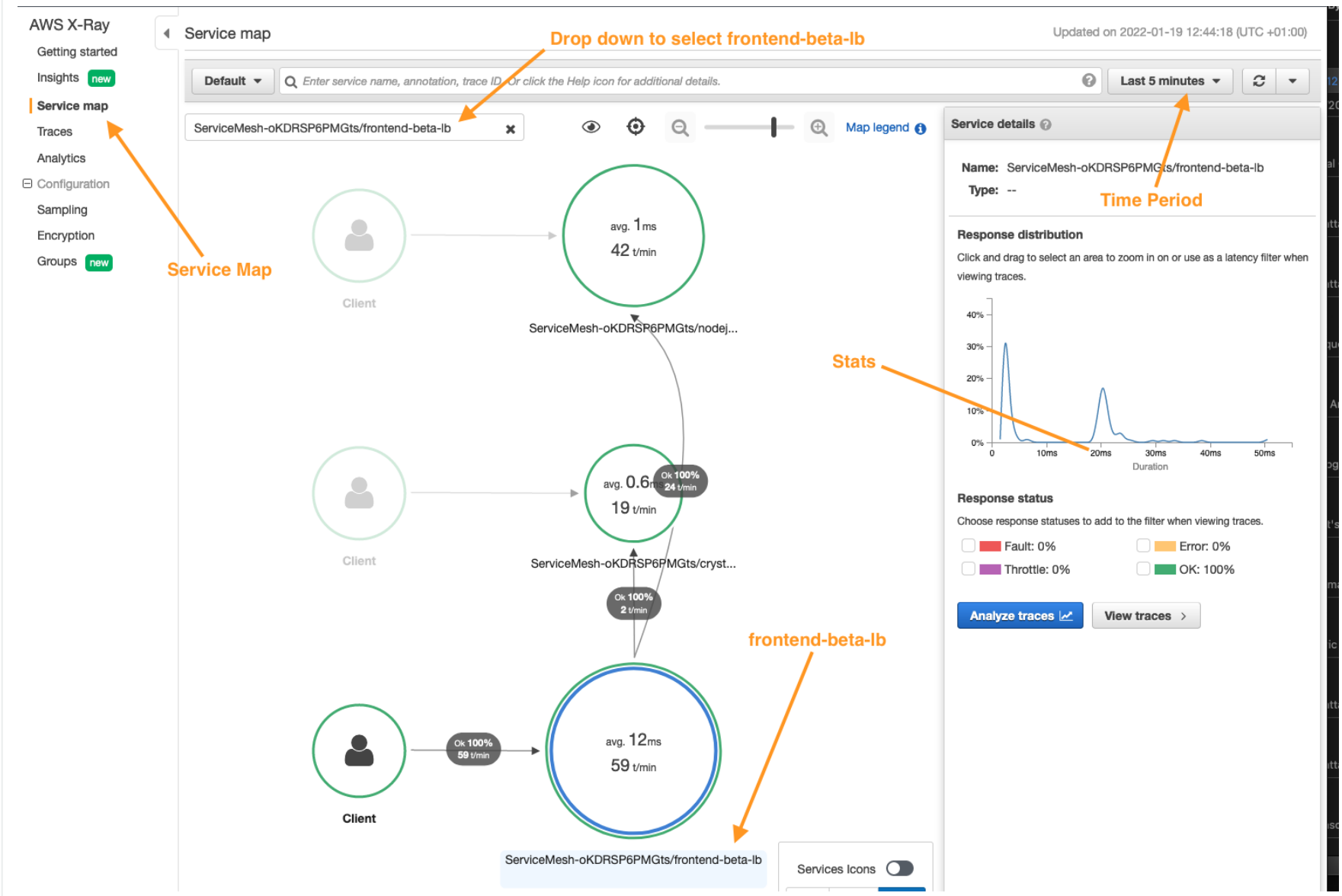
How it works



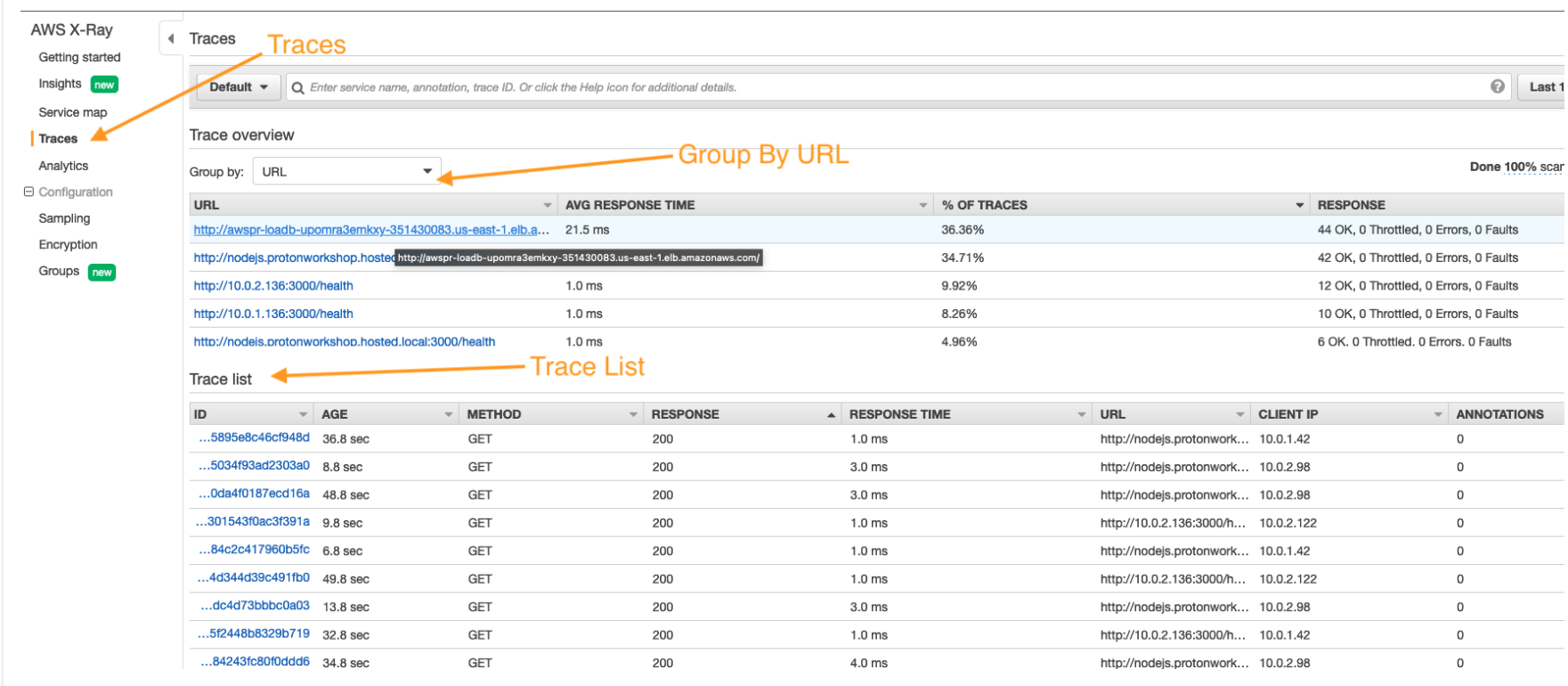
AWS X-Ray helps developers analyze and debug production, distributed applications, such as those built using a microservices architecture. With X-Ray, you can understand how your application and its underlying services are performing to identify and troubleshoot the root cause of performance issues and errors. X-Ray provides an end-to-end view of requests as they travel through your application, and shows a map of your application's underlying components.

You can now navigate to X-Ray UI and click on `Service Map`

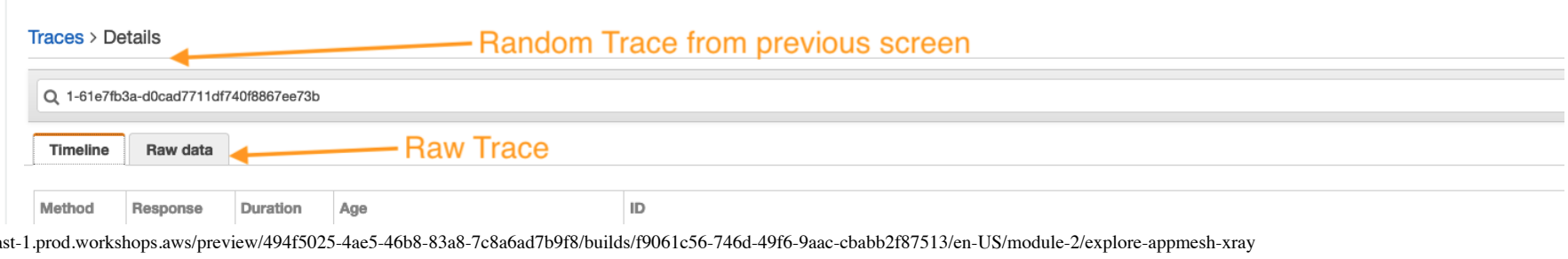
> It can take 1-2 minutes to compute a map for first time.

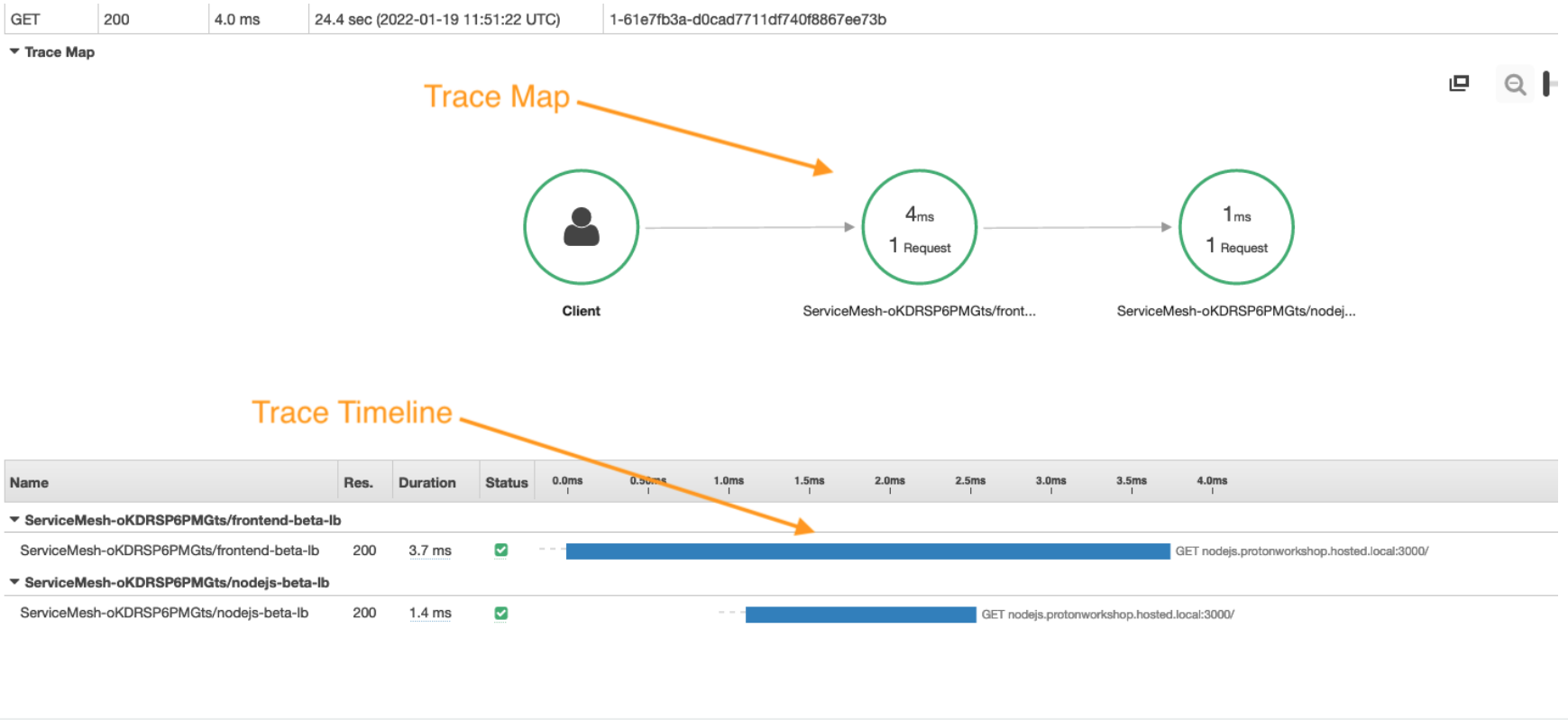


You can also navigate to `Traces` to see the sample traces for your application.



Individual trace dtails





In the next [Optional] module, we will cover the Observability and Networking capabilities.

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