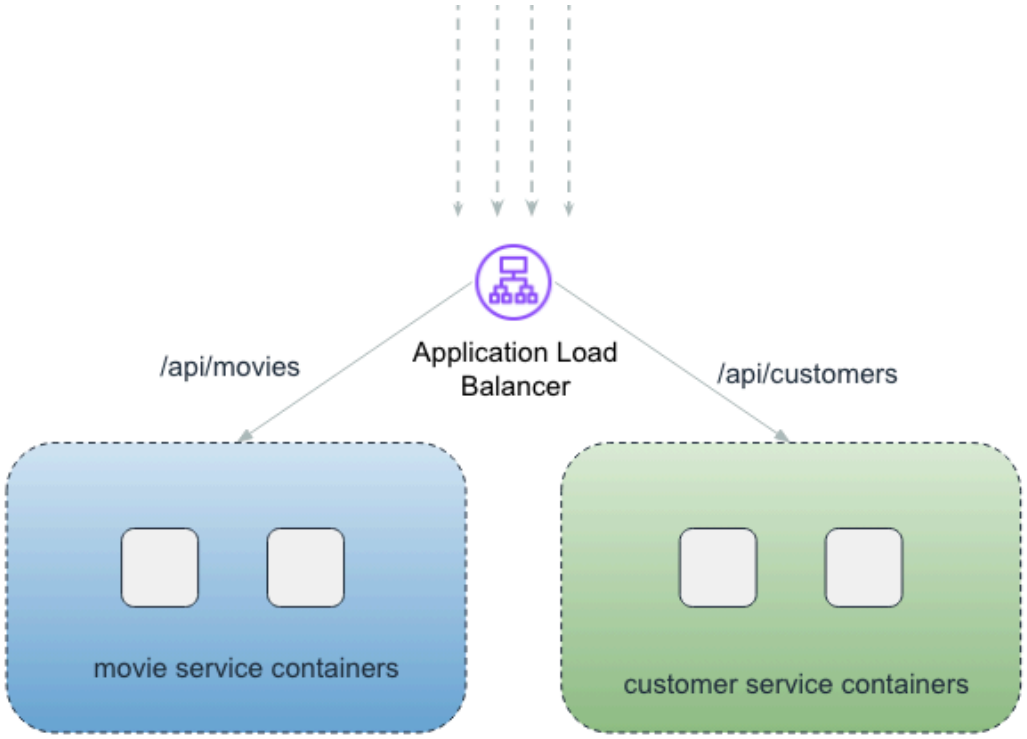
Target Groups

We have 2 backend applications!

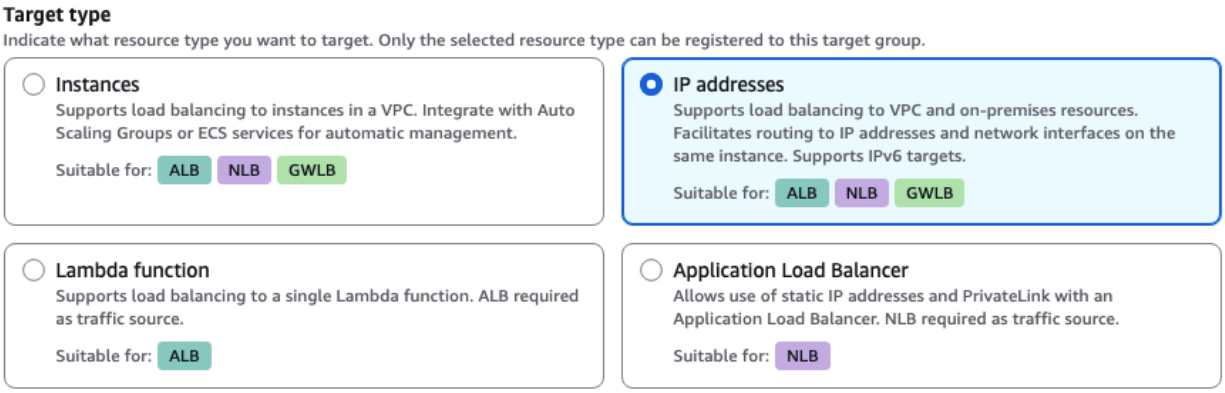
- customer-service
- movie-service

We will receive all the traffic via our Application Load Balancer. Based on the Path, we would route the requests to appropriate applications!

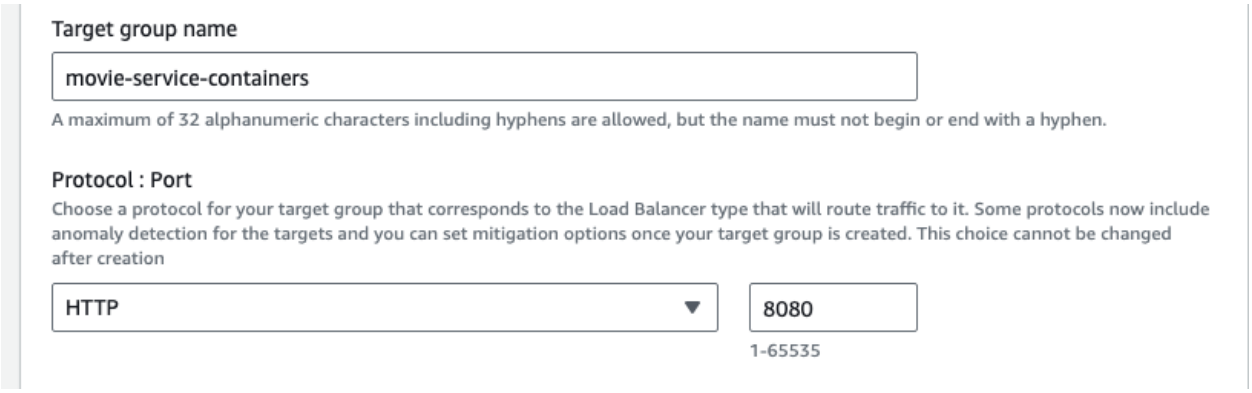


Movie Service Targets / Containers

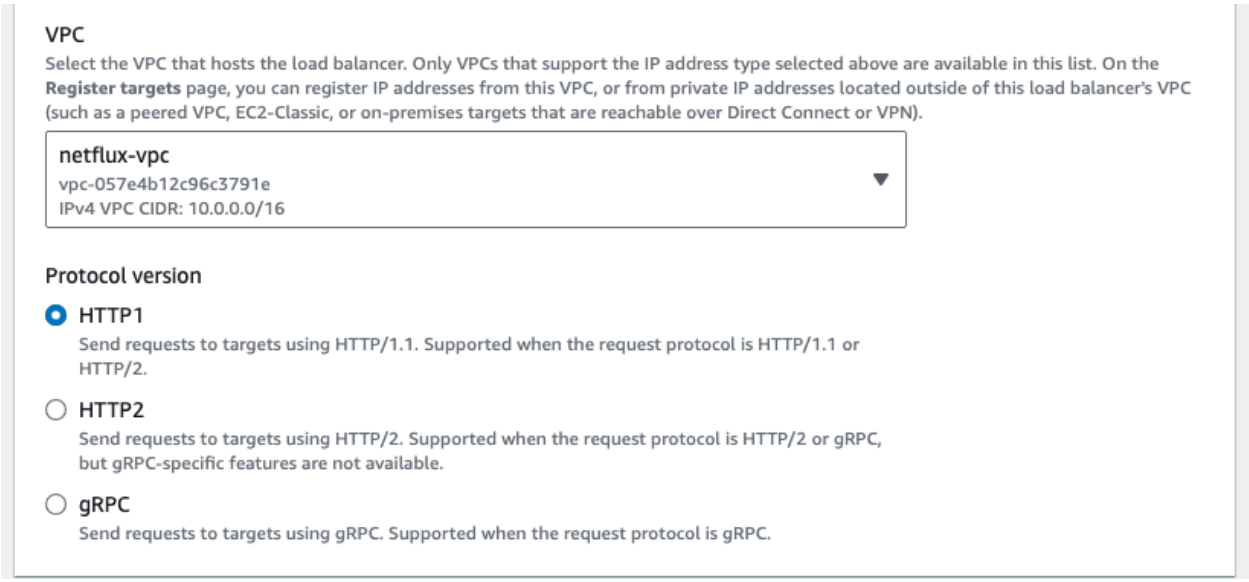
- Go to the **Target Groups** section.
- Click on “Create Target Group”
- Select the target type as **IP addresses**



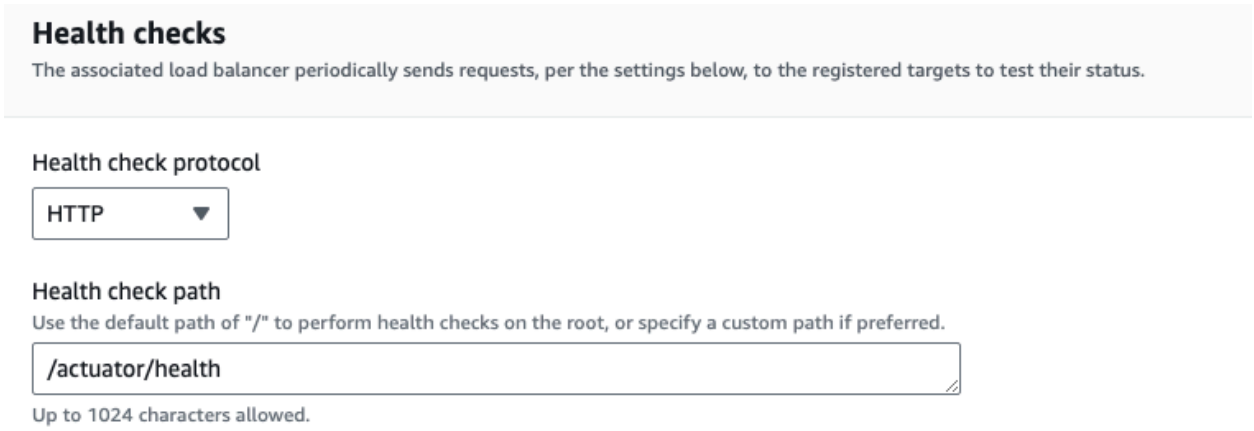
- The name can be ***movie-service-containers***. Listening port will be 8080



- Select the VPC and the application protocol



- Enter the health check details



- advanced health check settings

Healthy Threshold	3
Unhealthy Threshold	3
Timeout	5 seconds
Interval	30 seconds
Success codes	200

▼ **Advanced health check settings**

Restore defaults

Health check port
The port the load balancer uses when performing health checks on targets. By default, the health check port is the same as the target group's traffic port. However, you can specify a different port as an override.

- (•) Traffic port
- ( ) Override

Healthy threshold
The number of consecutive health checks successes required before considering an unhealthy target healthy.

3

2-10

Unhealthy threshold
The number of consecutive health check failures required before considering a target unhealthy.

3

2-10

Timeout
The amount of time, in seconds, during which no response means a failed health check.

5 seconds

2-120

Interval
The approximate amount of time between health checks of an individual target

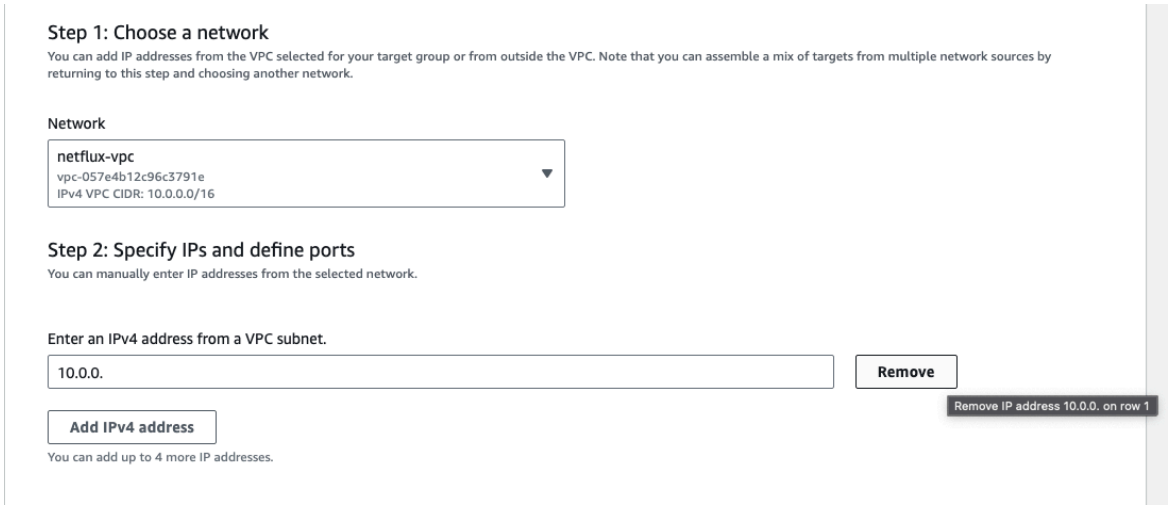
30 seconds

5-300

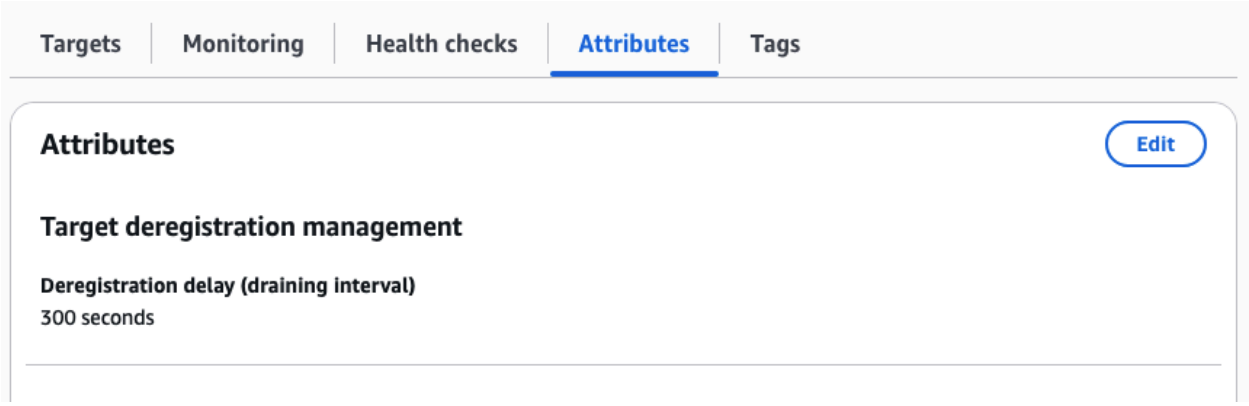
Success codes
The HTTP codes to use when checking for a successful response from a target. You can specify multiple values (for example, "200,202") or a range of values (for example, "200-299").

200

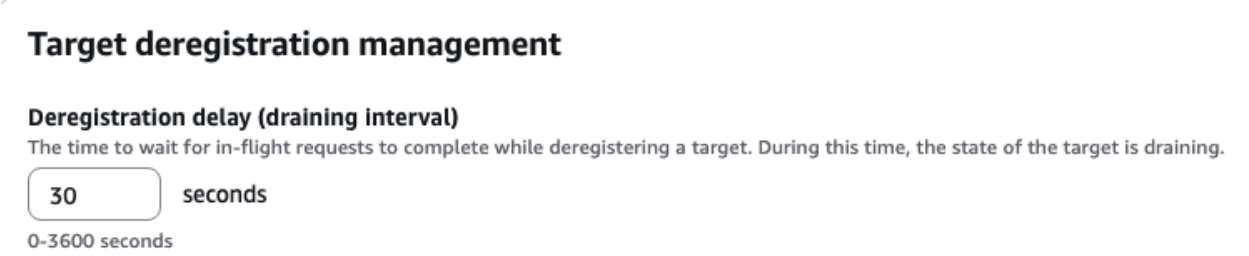
- Click “Next”
- We can remove the IP addresses as we do not know them. When the app starts, they will register themselves!



- Click “Next” to go to the review screen and finally Click on “Create Target Group”.
- Once created, Go to “Attributes” and “Edit”



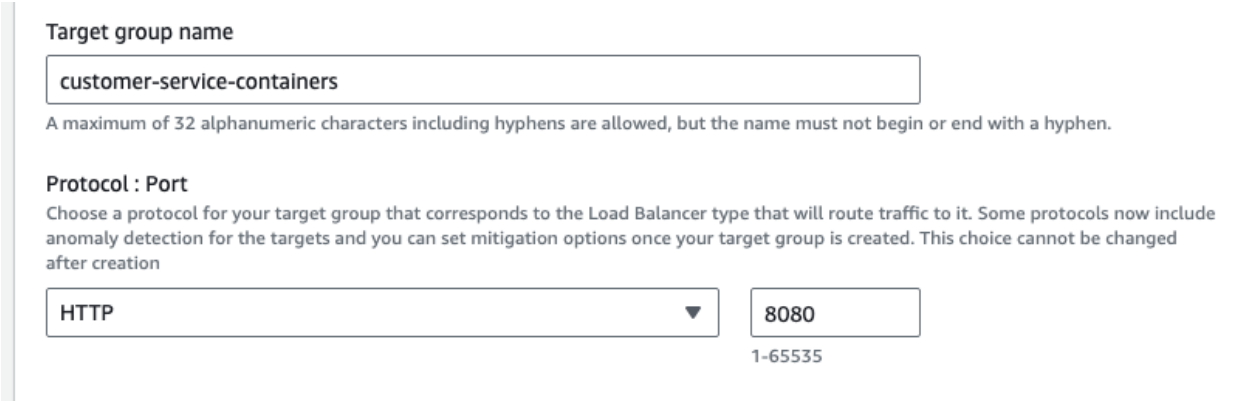
- **Reduce the time to 30 seconds** as 5 mins would be too much!

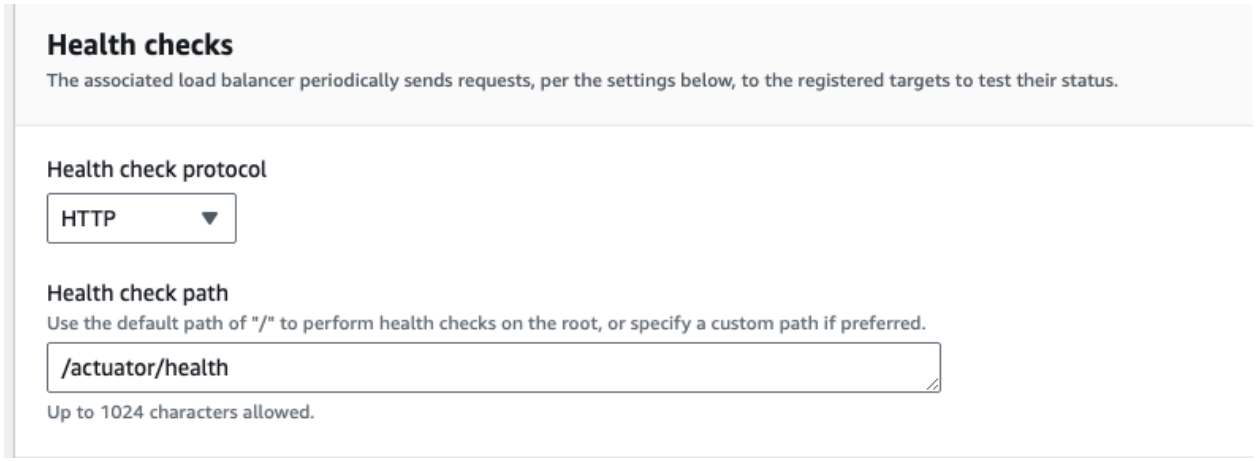


- Click on “**Save Changes**”

Customer Service Targets / Containers

- Repeat the above steps for “**customer-service-containers**”





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