

# Health Checks In ASP.NET Core

1/2

```
var builder = WebApplication.CreateBuilder(args);

builder.Services.AddHealthChecks();

var app = builder.Build();

app.MapHealthChecks("/health");

app.Run();
```



## CONFIGURATION

To enable health checks in an ASP.NET Core app, you need to add health check services and expose a health check endpoint. The monitoring system can use this endpoint.



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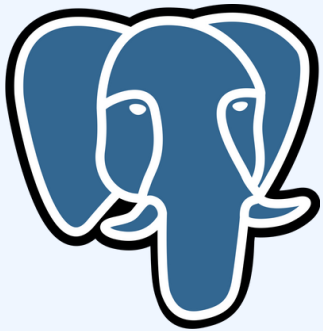


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2/2

There are many health checks available as NuGet packages.



```
builder.Services.AddHealthChecks()  
    .AddNpgSql(databaseConnectionString)  
    .AddRedis(redisConnectionString)  
    .AddRabbitMQ(rabbitConnectionString: rabbitMqSettings.Host)  
    .AddKeyCloak(keyCloakHealthUrl);
```

## + HealthStatus enum:

- HealthStatus.Healthy
- HealthStatus.Degraded
- HealthStatus.Unhealthy

```
app.MapHealthChecks(  
    "/health",  
    new HealthCheckOptions  
    {  
        ResponseWriter = UIResponseWriter  
            .WriteHealthCheckUIResponse  
    });
```



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