

Input Client Configuration

```
{
  "UrlConfiguration": {
    "BaseUrl": string,
    "Success": {
      "Url": string,
      "Method": "GET/POST/PUT"
    },
    "Error": {
      "Url": string,
      "Method": "GET/POST/PUT"
    }
  },
  "RequestConfiguration": {
    "SuccessRequests": int,
    "MaxRequests": int,
    "Delay": int,
    "ProbabilityError": int,
    "Timeout": int
  },
  "RunPolicy": "NONE/RETRY/CIRCUIT_BREAKER",
  "RetryConfiguration": {
    "Count": int,
    "SleepDuration": int,
    "SleepDurationType": "FIXED/EXPONENTIAL_BACKOFF"
  },
  "CircuitBreakerConfiguration": {
    "IsSimpleConfiguration": boolean,
    "DurationOfBreaking": int,
    "ExceptionsAllowedBeforeBreaking": int,
    "FailureThreshold": double,
    "SamplingDuration": int,
    "MinimumThroughput": int
  }
}
```

Result Client Configuration

```
{
  "TotalTime": "00h:00m:00s:000ms",
  "ClientToModule": {
    "Success": int,
    "Error": int,
    "Total": int
  },
  "ResilienceModuleToExternalService": {
    "Success": int,
    "Error": int,
  }
}
```

```

        "Total": int
    },
    "RetryMetrics": {
        "RetryCount": int,
        "TotalTimeout": "00h:00m:00s:000ms"
    },
    "CircuitBreakerMetrics": {
        "BreakCount": int,
        "ResetStatCount": int,
        "TotalOfBreak": "00h:00m:00s:000ms"
    }
}

```

Automatic Scenario Runner Configuration

```

{
    "AutomaticRunnerConfiguration": {
        "ScenariosPath": "D:\\Workspace\\Universidade\\ResiliencePatternsDotNet\\Scenarios"
    }
}

```

Scenario Configuration

```

{
    "Count": int,
    "UrlFetch": {
        "BaseUrl": string,
        "ActionUrl": string,
        "Method": "GET/POST/PUT"
    },
    "ResultType": "TXT/CSV",
    "Parameters": {
        "UrlConfiguration": {
            "BaseUrl": string,
            "Success": {
                "Url": string,
                "Method": "GET/POST/PUT"
            },
            "Error": {
                "Url": string,
                "Method": "GET/POST/PUT"
            }
        },
        "RequestConfiguration": {
            "SuccessRequests": int,
            "MaxRequests": int,
            "Delay": int,
            "ProbabilityError": int,
            "Timeout": int
        }
    }
}

```

```
    },
    "RunPolicy": "NONE/RETRY/CIRCUIT_BREAKER",
    "RetryConfiguration": {
        "Count": int,
        "SleepDuration": int,
        "SleepDurationType": "FIXED/EXPONENTIAL_BACKOFF"
    },
    "CircuitBreakerConfiguration": {
        "IsSimpleConfiguration": boolean,
        "DurationOfBreaking": int,
        "ExceptionsAllowedBeforeBreaking": int,
        "FailureThreshold": double,
        "SamplingDuration": int,
        "MinimumThroughput": int
    }
}
}
```