```javascript
let thisInvocation;
let lastInvocation;
let timeSinceLast;
let totalInvocationsOnThisContainer;
let averageGapBetweenInvocations;


exports.handler = async (event) =>{
    thisInvocation = new Date();

    //reset case
    if(event.queryStringParameters && event.queryStringParameters.cmd == "RESET"){
        lastInvocation=0;
        totalInvocationsOnThisContainer=0;
        averageGapBetweenInvocations=0;
        const response = {
            statusCode: 200,
            body: JSON.stringify({
            "ThisInvocation": thisInvocation,
            })
        };
        return response;
    }
    else{
        //first invocation on this container case
        if(!lastInvocation){
            timeSinceLast = 0;
            lastInvocation=thisInvocation;
            averageGapBetweenInvocations=0;
            totalInvocationsOnThisContainer=1;
        }
        else{//not first invocation on container case
            timeSinceLast = thisInvocation-lastInvocation;
            lastInvocation=thisInvocation;
            averageGapBetweenInvocations = (averageGapBetweenInvocations +
            timeSinceLast) /2 ;
            totalInvocationsOnThisContainer++;
        }

        const reponse = {
            statusCode:200,
            body: JSON.stringify({
                "ThisInvocation": thisInvocation,
                "TimeSinceLast": timeSinceLast,
                "TotalInvocationsOnThisContainer": totalInvocationsOnThisContainer,
                "AverageGapBetweenInvocations":averageGapBetweenInvocations
            })
        };
        return reponse;
    }

};
```