

REPORTE DE GREEN SOFTWARE

HTTP Software / Green Software / New Request

POST https://proyecto.yamycorp.com/api/metrics/optimization

Body raw binary GraphQL JSON

Docs Params Authorization Headers (11) Body Scripts Settings Cookies Schema Beautify

```
1 {
2     "status": "Green Software Optimized",
3     "metrics": {
4         "ram_before_mb": 516,
5         "ram_after_mb": 213,
6         "ram_saved_mb": 303,
7         "percentage_saved": "58.72%",
8         "emissions_per_MB_base": "0.0004 gCO2e",
9         "emissions_saved_per_hour": "0.1217 gCO2e",
10        "emissions_saved_per_day": "2.9212 gCO2e",
11        "emissions_saved_per_month": "87.63 gCO2e",
12        "emissions_saved_per_year": "1066.22 gCO2e",
13        "emissions_saved_by_gzip": "746.3570 gCO2e (Estimado)",
14        "message": "Servidor optimizado con compresión Gzip para reducir huella de carbono."
15    },
16    "breakdown": {
17        "backend": {
18            "before": "60MB",
19            "after": "109MB",
20            "saved": "-49MB",
21            "percentage": "-81.7%"
22        },
23        "frontend": {
24            "before": "87MB"
25        }
26    }
27}
```

Docs Params Authorization Headers (11) Body Cookies Scripts Settings

Body Cookies Headers (26) Test Results | ⏱

{ } JSON ▾ Preview Visualize | ⏱

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18            "before": "60MB",
19            "after": "109MB",
20            "saved": "-49MB",
21            "percentage": "-81.7%"
22        },
23        "frontend": {
24            "before": "87MB",
25            "after": "11MB",
26            "saved": "76MB",
27            "percentage": "87.4%"
28        },
29        "mongo": {
30            "before": "266MB",
```

```
31     "after": "93MB",
32     "saved": "173MB",
33     "percentage": "65.0%"
34   },
35   "mongoExpress": {
36     "before": "103MB",
37     "after": "0MB (disabled in production)",
38     "saved": "103MB",
39     "percentage": "100%"
40   }
41 },
42 "equivalencies": {
43   "trees_planted_equivalent": "0.05 árboles/año",
44   "km_driven_saved": "4.54 km en auto/año",
45   "smartphones_charged": "130 cargas/año"
46 }
47 }
```