Quiz #7 y #8

Fecha: 01/11/2022
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Realice un modelo entidad relación normalizado hasta mínimo BCNF de la siguiente información de logs:

```
{
    "insertId": "TTYTYII0899",
    "jsonPayload": {
        "enforcedSecurityPolicy": {
            "priority": 2147483647,
            "outcome": "DENY",
            "name": "allow-hosts",
            "configuredAction": "DENY"
        },
        "type": "type.googleapis.com/google.cloud.loadbalancing.type.LoadBalancerLogEntry",
        "statusDetails": "denied_by_security_policy",
        "remoteIp": "20.20.20.20"
    },
    "httpRequest": {
        "requestMethod": "GET",
        "requestUrl": "https://25.39.66.78/",
        "requestSize": "9898",
        "status": 403,
        "responseSize": "3258",
        "userAgent": "Mozilla/5.0 (Windows NT 6.2; WOW64) AppleWebKit/537.4 (KHTML, like Gecko) Chrome/98 Safari/537.4",
        "remoteIp": "89.36.71.4",
        "latency": "0.150931s"
    },
    "resource": {
        "type": "http_load_balancer",
        "labels": {
            "forwarding_rule_name": "k8s2-hjasdjhasjd",
            "backend_service_name": "k8s-oioaidasoii",
            "target_proxy_name": "k8s2-ts-dasiudiasui",
            "zone": "global",
            "url_map_name": "k8s2-dashdjah",
            "project_id": "myGCPProject"
        }
    },
    "timestamp": "2022-09-01T18:53:12.784317Z",
    "severity": "WARNING",
    "logName": "projects/myGCPProject/logs/requests",
    "trace": "projects/myGCPProject/traces/hdajshdjas98989adsdjaks",
    "receiveTimestamp": "2022-09-01T18:53:13.333898212Z",
    "spanId": "hhhd888978da88"
}
```

Diagrama:

state
- idstate INT
- state VARCHAR(10)
- Indexes

enforcedSecurityPolicy
- idenforcedSecurityPolicy INT
- priority INT
- outcome INT
- configuredAction INT
- name VARCHAR(25)
- Indexes

severity
- idseverity INT
- name VARCHAR(10)
- Indexes

json_payload_ty...
- idjson_payload_type INT
- type VARCHAR(80)
- Indexes

json_payload
- idjson_payload INT
- enforcedSecurityPolicyId INT
- statusDetails VARCHAR(35)
- typeId INT
- remoteIpId INT
- Indexes

logs
- insertId VARCHAR(11)
- severity_id INT
- timestamp TIMESTAMP(6)
- receiveTimestamp TIMESTAMP(6)
- spanId VARCHAR(15)
- jsonPayload INT
- httpRequest INT
- resource INT
- logName VARCHAR(45)
- trace VARCHAR(60)
- Indexes

resource_type
- idresource_type INT
- type VARCHAR(45)
- Indexes

resource
- idresource INT
- typeId INT
- Indexes

remoteIp
- idremoteIp INT
- ip VARCHAR(15)
- Indexes

resourcexlabel
- idresource INT
- idlabel INT
- Indexes

label
- idlabel INT
- name VARCHAR(45)
- value VARCHAR(45)
- Indexes

httpRequest
- idhttpRequest INT
- requestMethodId INT
- requestSize SMALLINT(0)
- status SMALLINT(0)
- responseSize SMALLINT(0)
- userAgentId INT
- remoteIpId INT
- latency DOUBLE(1,6)
- Indexes

userAgent
- iduserAgent INT
- userAgent VARCHAR(120)
- Indexes