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 gRPC API

LogicService.proto.

:

- **id** **guid**;
- **name**;
- **mode**;
- **conditions**;
- **rules**.

mode :

- **enabled** disabled – ;
- **user_role** – , ;
- **is_add_to_menu** – ;
- **time_zone** – id , ;

```
"time_zone": {
  "timezone_id": "6fb68cf4-ca6a-46a1-b2e3-ab4cfdaa0444"
}
```

- **autorule**



```
:
  ◦ , zone_ap;
  ◦ only_if_armed;
  ◦ id timezone_id;
```

```
"autorule": {
  "zone_ap": "hosts/Server1/DeviceIpint.30/SourceEndpoint.video:0:0",
  "only_if_armed": false,
  "timezone_id": "00000000-0000-0000-0000-000000000000"
}
```

- **continuous**



:

- **server;**
- id **timezone_id;**
- **heartbeat_ms;**
- **random.**

```
"continuous": {  
  "server": "Server1",  
  "timezone_id": "00000000-0000-0000-0000-000000000000",  
  "heartbeat_ms": 3600000,  
  "random": true  
}
```

(. ,):

- **detector**

```
"detector": {  
  "event_type": "sitDown",  
  "source_ap": "hosts/Server1/HumanBoneDetector.1/EventSupplier",  
  "state": "BEGAN",  
  "details": []  
}
```

- **timezone**

```
"timezone": {  
  "timezone_id": "6fb68cf4-ca6a-46a1-b2e3-ab4cfdaa0444",  
  "boundary_case": "TB_BEGINING"  
}
```

- **alert**

```
"alert": {  
  "zone_ap": "hosts/Server1/DeviceIpint.10/SourceEndpoint.video:0:0",  
  "alert_case": "AC_ALERT_DANGEROUS"  
}
```

- **device**

```
"device": {  
  "device": "hosts/Server1/DeviceIpint.69",  
  "state": "IPDS_CONNECTED",  
  "threshold": 0  
}
```

- **archive_write**

```
"archive_write": {  
  "camera": "hosts/Server1/DeviceIpint.28/SourceEndpoint.video:0:0",  
  "state": "ON"  
}
```

- **relay**

```
"relay": {
  "relay": "hosts/Server1/DeviceIpint.10/StateControl.relay0:0",
  "state": "ON"
}
```

- **volume_health**

```
"volume_health": {
  "storage": "hosts/Server1/MultimediaStorage.AliceBlue/MultimediaStorage",
  "volume": "",
  "health": "VH_CORRUPTED"
}
```

- **server_state**



observer - ;

subject -, .

```
"server_state": {
  "observer": "Server1",
  "subject": "Server2",
  "state": "SS_OFFLINE"
}
```

- **text**



(.).

```
"text": {
  "source": "hosts/Server1/DeviceIpint.110/SourceEndpoint.textEvent:0",
  "text": "Cash"
}
```

- **arm**



.

```
"arm": {
  "zone": "hosts/Server1/DeviceIpint.10/SourceEndpoint.video:0:0",
  "state": "CS_ArmPrivate"
}
```

- **recognition**

```

"recognition": {
  "camera": "hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0",
  "list": "797703ea-6917-4341-888b-b6f0579f5d91",
  "type": "DT_Plate",
  "objects": [
    "53502573-a985-4198-a5b6-69db476cc755"
  ]
}

```

- **statistics**

```

"statistics": {
  "point": "archive_usage",
  "item": "hosts/Server1/MultimediaStorage.AntiqueWhite/MultimediaStorage",
  "value": 100,
  "delta": 0,
  "trend": "ET_RISING"
}

```

rules , (.).

- **action**

```

"action": {
  "timeout_ms": 0,
  "cancel_conditions": {},
  "action": {
    "goto_ptz": {
      "telemetry": "hosts/Server1/DeviceIpint.71/TelemetryControl.0",
      "preset_number": 1,
      "speed": 1
    }
  }
}

```

- **wait**

```

"wait": {
  "timeout_ms": 30000,
  "cancel_conditions": {
    "0": {
      "path": "/E:0/C:0",
      "server_state": {
        "observer": "Server1",
        "subject": "Server2",
        "state": "SS_ONLINE"
      }
    }
  },
}

```

- **timeout**

```

"timeout": {
  "timeout_ms": 5000
}

```

- **check**

```
"check": {  
  "check": {  
    "camera": "hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0",  
    "archive": "hosts/Server1/MultimediaStorage.AntiqueWhite/MultimediaStorage",  
    "depth_ms": 60000,  
    "type": "CT_CHECK_RECORD_SAFETY"  
  },  
  "success_rules": {},  
  "failure_rules": {}  
}
```