LibreNMS CPU???????

??????

Severity:警報等級

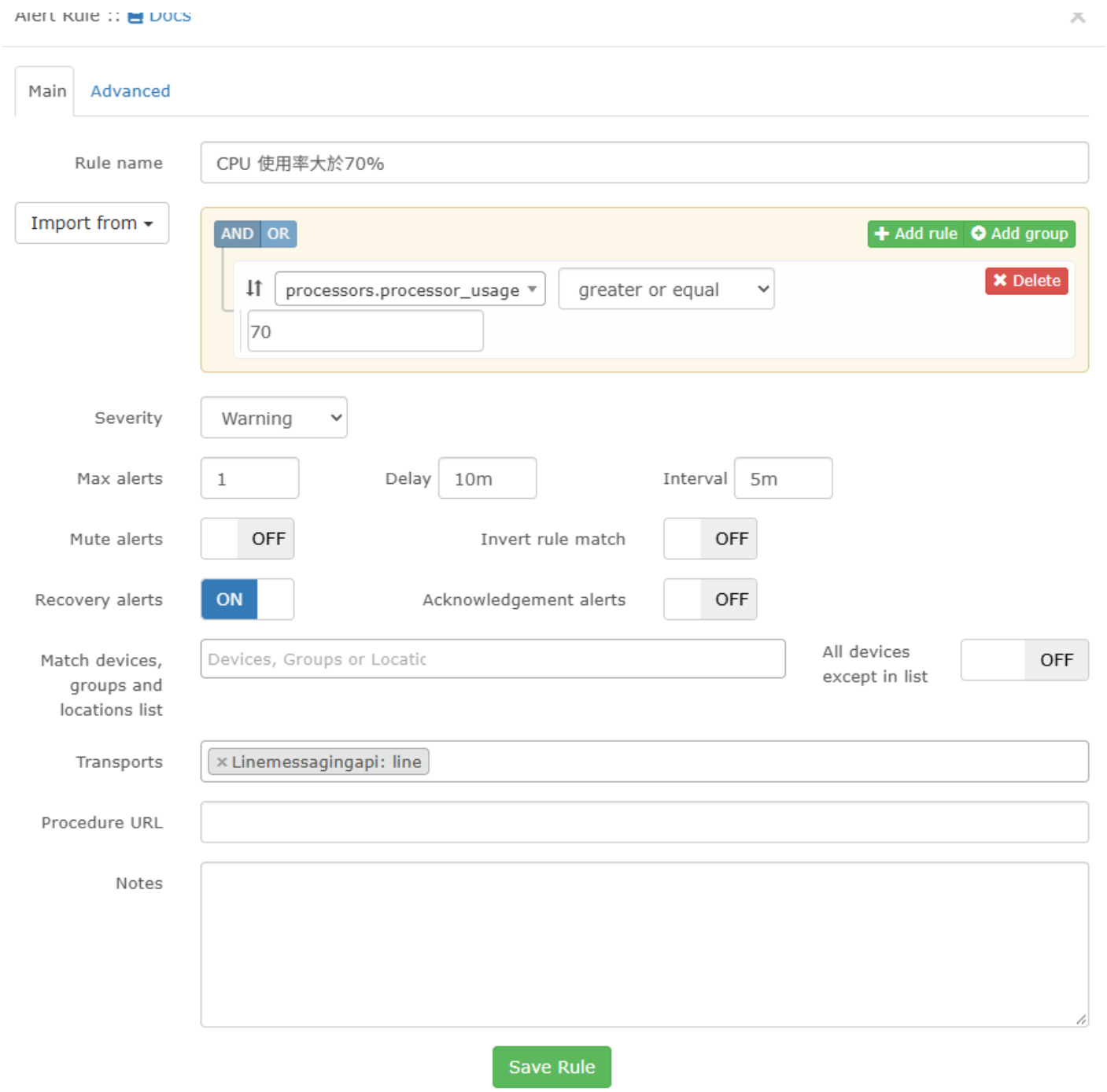
Max alert：最多通知幾次

Delay：延遲多久再來通知

Interval：通知間隔

Transports:選擇傳送類別

範例使用　　**CPU>70%**持續　**10**分鐘發出警報



□□□□□ **CPU**□□□□ **CPU**□□□□□□□□□□□□□□□□□□□□

□□□□□□ **https://docs.librenms.org/Alerting/Rules/#advanced**□□□□ **GROUP** □□□□□□

□□□□□□□□□□□□□□□□□ **Override SQL**□□□□

Alert Rule .. Docs

Main | Advanced

Override SQL: ON

Query:

```
SELECT
    devices.device_id,
    devices.hostname,
    devices.status,
    devices.disabled,
    devices.ignore,
    AVG(processors.processor_usage) AS cpu_avg
FROM devices
INNER JOIN processors ON devices.device_id = processors.device_id
WHERE devices.device_id = ?
  AND devices.status = 1
  AND devices.disabled = 0
  AND devices.ignore = 0
GROUP BY
    devices.device_id,
    devices.hostname,
    devices.status,
    devices.disabled,
    devices.ignore
HAVING AVG(processors.processor_usage) > 70;
```

Save Rule


```
SELECT
    devices.device_id,
    devices.hostname,
    devices.status,
    devices.disabled,
    devices.ignore,
    AVG(processors.processor_usage) AS cpu_avg
FROM devices
INNER JOIN processors ON devices.device_id = processors.device_id
WHERE devices.device_id = ?
  AND devices.status = 1
  AND devices.disabled = 0
  AND devices.ignore = 0
GROUP BY
    devices.device_id,
    devices.hostname,
```

```
    devices.status,
    devices.disabled,
    devices.ignore
HAVING AVG(processors.processor_usage) > 70;
```

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Alert Template :: Docs

Template name

CPU過高

Template

```
設備名稱: {{ $alert->display }}
@if (!empty($alert->uptime_short))
運行時間: {{ $alert->uptime_short }}
@endif
@if ($alert->state == 0)
持續時間: {{ $alert->elapsed }}
恢復時間: {{ $alert->timestamp }}
@else
告警時間: {{ $alert->timestamp }}
@if ($alert->faults)
@foreach ($alert->faults as $key => $value)
超過10分鐘CPU使用率: {{ (float)$value['cpu_avg'] }} %
@endforeach
@endif
@endif
```

Attach template to rules

× CPU 使用率大於70%

Alert title

[CPU使用率大於70%]

Recovery title

[CPU使用率恢復]

```
{{ $alert->title }}
□□□□: {{ $alert->display }}
@if (!empty($alert->uptime_short))
□□□□: {{ $alert->uptime_short }}
@endif
@if ($alert->state == 0)
□□□□: {{ $alert->elapsed }}
□□□□: {{ $alert->timestamp }}
@else
□□□□: {{ $alert->timestamp }}
@if ($alert->faults)
```

```
@foreach ($alert->faults as $key => $value)
□□10□□CPU□□□: {{ (float)$value['cpu_avg'] }} %
@endforeach
@endif
@endif
```

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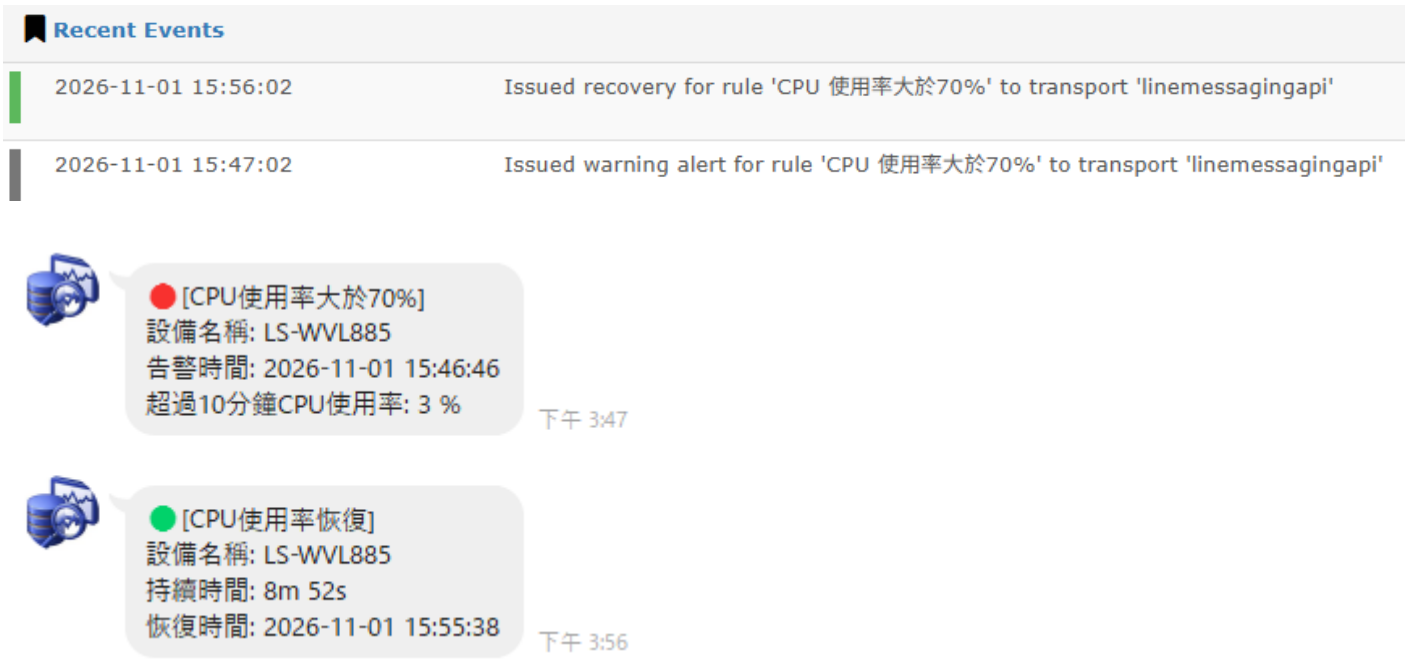
□□□□□ >1%□□□



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