

在Call Manager過程的RTMT中調整水印

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簡介

本文檔介紹在帶有「高」和「低」水線標籤設定的Cisco Call Manager的日誌分割槽中建立額外磁碟空間的過程。

必要條件

需求

本文件沒有特定需求。

採用元件

本文中的資訊係根據以下軟體和硬體版本：

- 思科Call Manager版本10.0.1-10000-24
- 思科即時監控工具(RTMT)版本10.0(001)

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

背景資訊

 提示：此技術文檔中的資訊還適用於調整Cisco IM and Presence Service Server的RTMT中的水印。

低WaterMark是日誌記錄總磁碟空間帖子的百分比值，當您收到警報時，表示磁碟空間已用配置的低WaterMark百分比表示。

高WaterMark是清除較舊日誌檔案的日誌記錄磁碟空間總數的百分比值。

超出高水位線和超出低水位線是指示日誌記錄分割槽中已用磁碟空間百分比的事件。

LogPartitionHighWaterMarkExceeded

此事件表示日誌分割槽中的已用磁碟空間百分比已超過配置的高水位線。

LogPartitionLowWaterMarkExceeded

此事件表示日誌分割槽中已用磁碟空間百分比已超出配置的低水位線。

可以根據需要在RTMT中配置這兩個事件的閾值百分比值。預設情況下，高水位線設定為總測井分割槽的95%，低水位線設定為總測井分割槽的90%。

有時，日誌記錄分割槽中的空間不足而需要建立額外空間來使呼叫管理器中的某些活動生效。在這樣的事件中，可以在日誌分割槽中建立額外的空間，並分別調整高水位標籤和低水位標籤的閾值。

當High WaterMark的閾值降低時，它會清除較舊的日誌檔案，這會在日誌分割槽中建立額外的磁碟空間。

程式

調整低水位線

啟動RTMT並登入到所需的集群，然後在左側窗格中導航到System > Tool > Alert Central。

在右窗格的「System Right (系統右側)」下，按一下 LogPartitionLowWaterMarkExceeded > Set Alert/Properties。

System

Alert Central

System Summary

System Summary

Server

- CPU and Memory
- Process
- Disk Usage
- Critical Services

Performance

- Performance
- Performance Log Viewer

Tools

- Alert Central
- Trace & Log Central
- Job Status
- SysLog Viewer
- VLT
- AuditLog Viewer

System	Voice/Video	Custom
Alert Name		Enabled
AuthenticationFailed		Enabled
CiscoDRFFailure		Enabled
CoreDumpFileFound		Enabled
CpuPegging		Enabled
CriticalServiceDown		Enabled
DBChangeNotifyFailure		Enabled
DBReplicationFailure		Enabled
DBReplicationTableOutOfSync		Enabled
HardwareFailure		Enabled
LogFileSearchStringFound		Enabled
LogPartitionHighWaterMarkExceeded		Enabled
LogPartitionLowWaterMarkExceeded		Enabled
LowActivePartitionAvailable	Clear Alert	Enabled
LowAvailableVirtualMemory	Clear All Alerts	Enabled
LowInactivePartitionAvailable	Disable Alert	Enabled
LowSwapPartitionAvailable	Remove Alert	Enabled
ServerDown	Alert Detail	Enabled
SparePartitionHighWaterMa	Set Alert/Properties...	Enabled
SparePartitionLowWaterMar	Reset Alert to Default Config	Enabled
SyslogSeverityMatchFound		Enabled
SyslogStringMatchFound		Enabled
SystemVersionMismatched		Enabled
TotalProcessesAndThreadsExceededThreshold		Enabled

按「Next」(下一步)。

Alert Properties: General

Name: LogPartitionLowWaterMarkExceeded

Enable Alert Severity: **Critical** ▼

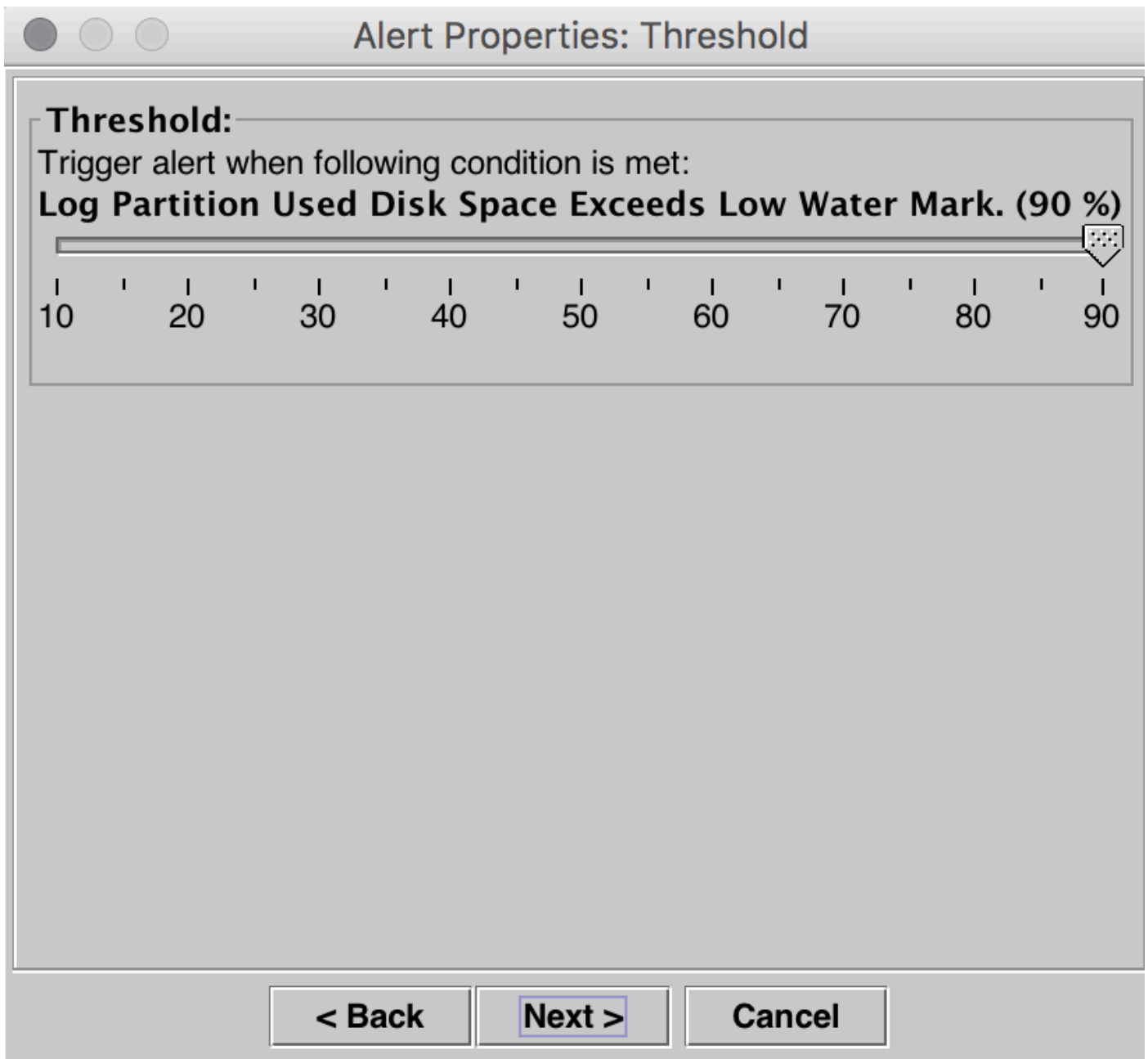
Enable/Disable this alert on following server(s):

Server	Enable
10.106.91.199	<input checked="" type="checkbox"/>

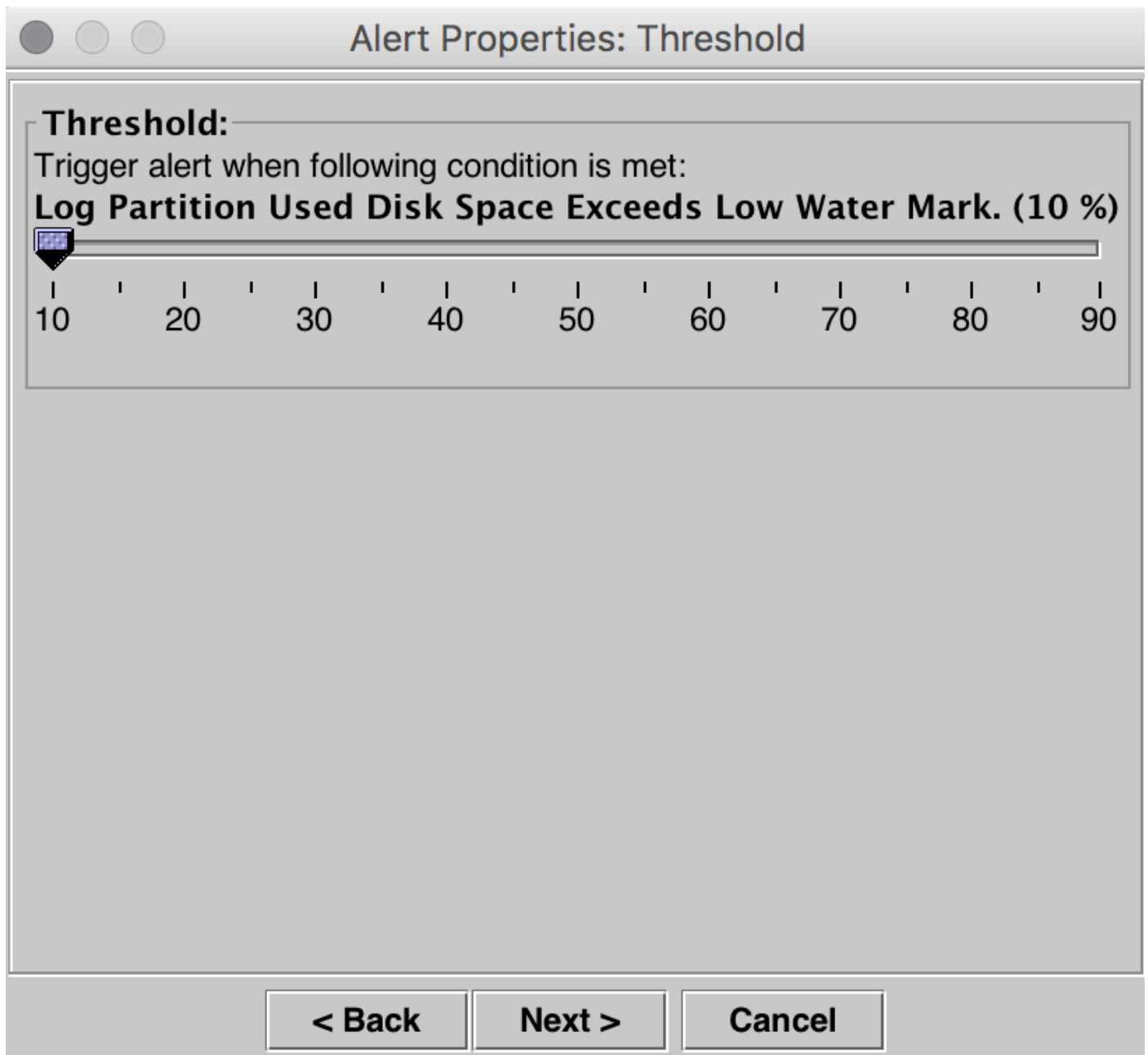
Description:
This alert occurs when the LogPartitionLowWaterMarkExceeded event is generated. This indicates that the percentage of used disk space in the log partition has exceeded the configured low water mark.

Recommended Action:
Check if the configured low water mark for used disk space in the log partition is too low. And also please examine each application trace log files and clean up those that are too old and too big before the used disk space exceeds the high water mark.

預設情況下，「低水位線」設定為90%。



根據您的要求將Low WaterMark設定為較低的值，然後按一下Next。



按「Next」（下一步）。

Alert Properties: Frequency & Schedule

Frequency

When value exceed/below configured threshold:

- Trigger alert on every poll
- Trigger up to (3) alerts within (30) minutes

Schedule

Alert will be triggered in following period:

- Trigger Alert when it occurs. (Non-Stop Monitoring)
- Trigger Alert everyday (Scheduled Monitoring) between:

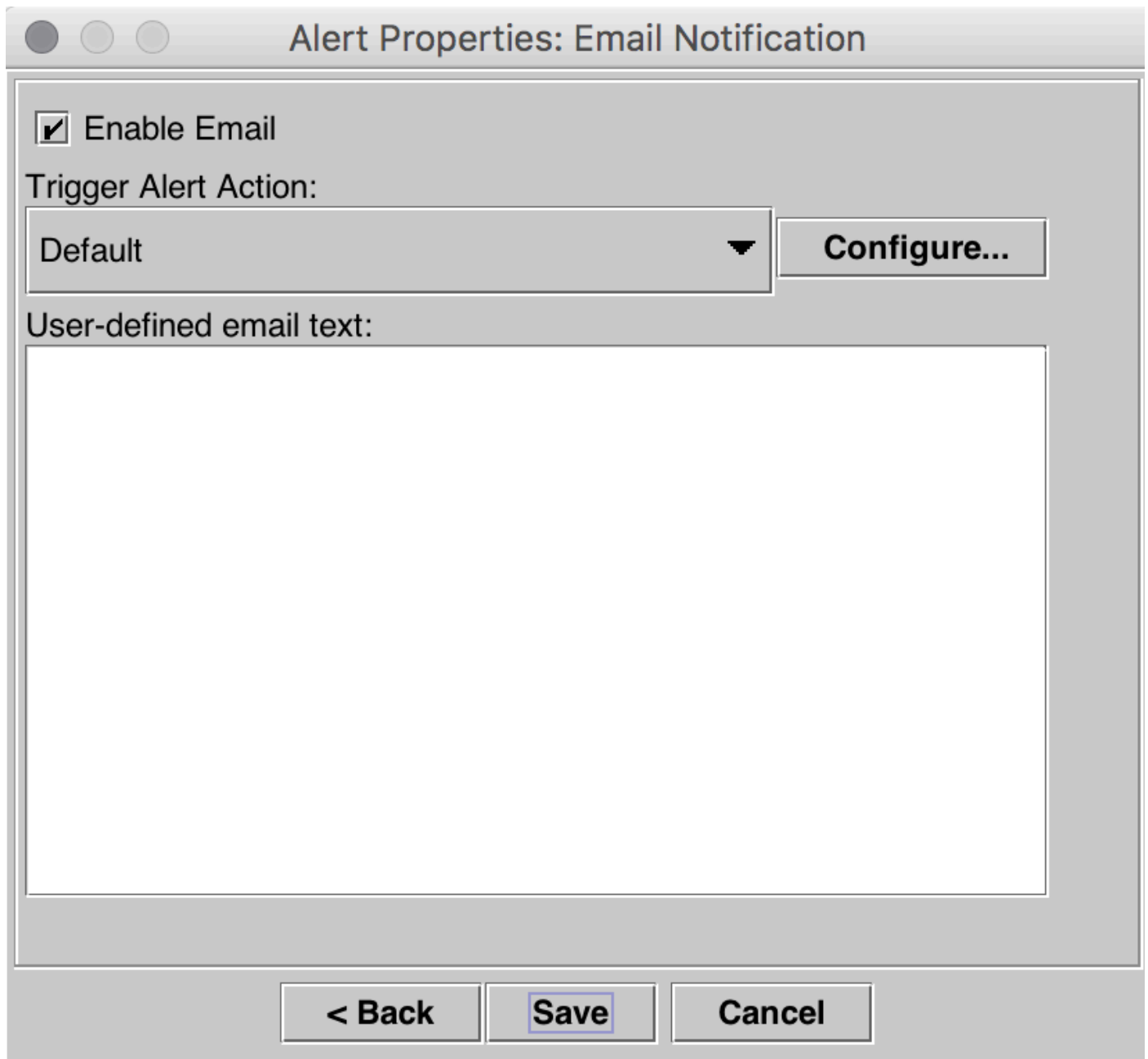
Start Time: and End Time:

< Back

Next >

Cancel

按一下「Save」。



調整高水位線

在右窗格的「系統右」下，按一下LogPartitionHighWaterMarkExceeded > Set Alert/Properties。

The screenshot shows the 'Alert Central' window with a tree view on the left and a table of alerts on the right. The tree view includes categories like System Summary, Server, Performance, and Tools. The 'Tools' category is expanded, showing 'Alert Central' selected. The table lists various alerts, with 'LogPartitionHighWaterMarkExceeded' selected and a context menu open over it. The context menu options include 'Clear Alert', 'Clear All Alerts', 'Disable Alert', 'Remove Alert', 'Alert Detail', 'Set Alert/Properties...', and 'Reset Alert to Default Config'.

Alert Name	Enabled
AuthenticationFailed	Enabled
CiscoDRFFailure	Enabled
CoreDumpFileFound	Enabled
CpuPegging	Enabled
CriticalServiceDown	Enabled
DBChangeNotifyFailure	Enabled
DBReplicationFailure	Enabled
DBReplicationTableOutOfSync	Enabled
HardwareFailure	Enabled
LogFileSearchStringFound	Enabled
LogPartitionHighWaterMarkExceeded	Enabled
LogPartitionLowWaterMarkExceeded	Enabled
LowActivePartitionAvailableDiskSpace	Enabled
LowAvailableVirtualMemory	Enabled
LowInactivePartitionAvailableDiskSpace	Enabled
LowSwapPartitionAvailableDiskSpace	Enabled
ServerDown	Enabled
SparePartitionHighWaterMarkExceeded	Enabled
SparePartitionLowWaterMarkExceeded	Enabled
SyslogSeverityMatchFound	Enabled
SyslogStringMatchFound	Enabled
SystemVersionMismatched	Enabled
TotalProcessesAndThreadsExceededThreshold	Enabled

按「Next」(下一步)。

Alert Properties: General

Name: LogPartitionHighWaterMarkExceeded

Enable Alert Severity: **Critical** ▼

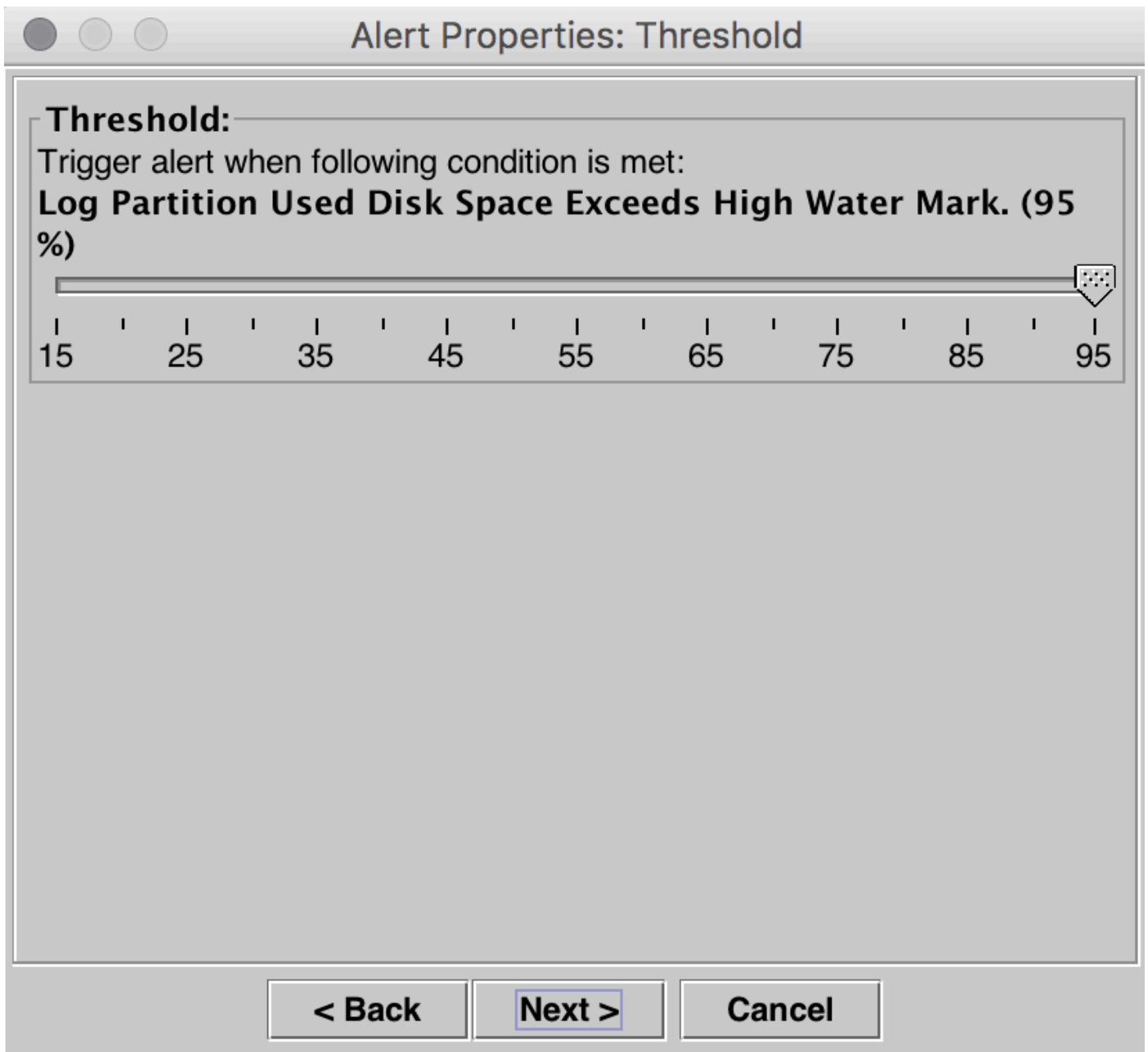
Enable/Disable this alert on following server(s):

Server	Enable
10.106.91.199	<input checked="" type="checkbox"/>

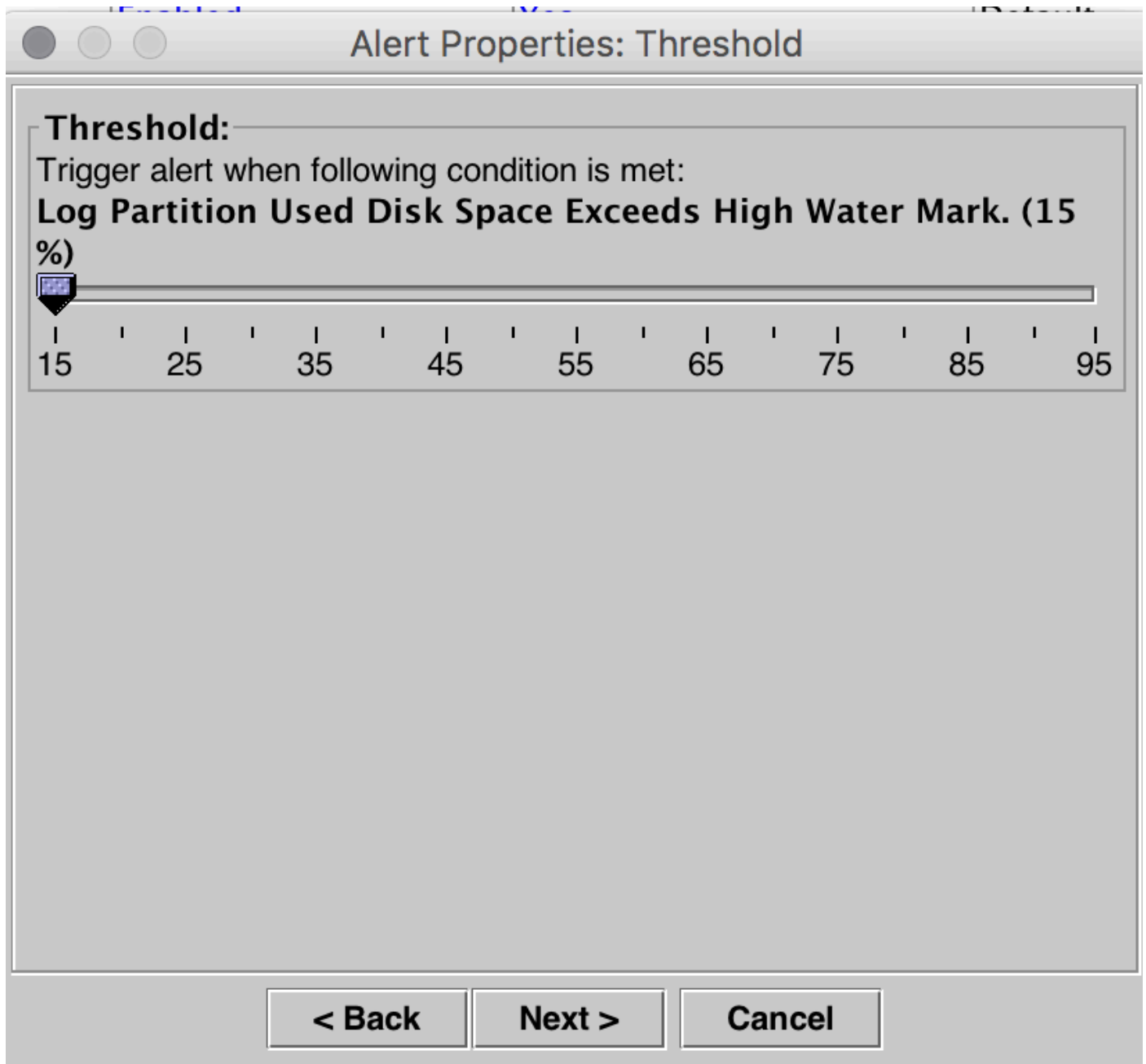
Description:
This alert occurs when the LogPartitionHighWaterMarkExceeded event is generated. This indicates that the percentage of used disk space in the log partition has exceeded the configured high water mark.

Recommended Action:
Check if the configured high water mark for used disk space in the log partition is too low.

預設情況下，高水位線設定為95%。



根據您的要求將「高水位線」設定為較低的值，然後按一下「下一步」。



按「Next」（下一步）。

Alert Properties: Frequency & Schedule

Frequency

When value exceed/below configured threshold:

Trigger alert on every poll

Trigger up to (3) alerts within (30) minutes

Schedule

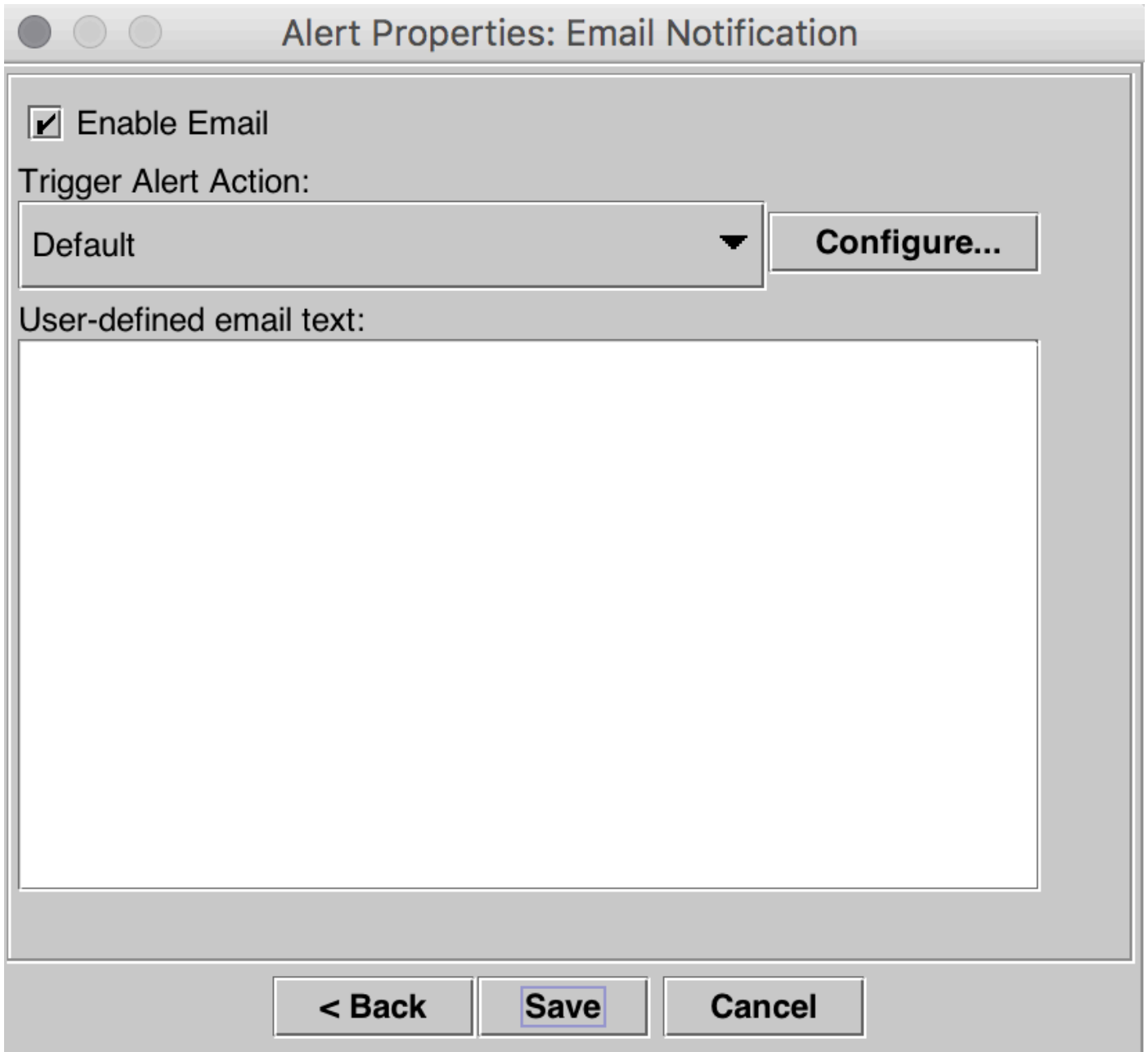
Alert will be triggered in following period:

Trigger Alert when it occurs. (Non-Stop Monitoring)

Trigger Alert everyday (Scheduled Monitoring) between:

Start Time: and End Time:

按一下「Save」。



驗證

在日誌分割槽中建立額外的磁碟空間。調整高水位標籤和低水位標籤後，可以通過Call Manager上CLI上的Show Status命令進行驗證。

在調整水印之前。

```
<#root>
```

```
admin:show status
```

```
Host Name       : publisher
Date            : Thu Jul 21, 2016 16:07:16
Time Zone       : India Standard Time (Asia/Kolkata)
Locale          : en_US.UTF-8
Product Ver     : 10.0.1.10000-24
```

Unified OS Version : 10.0.0.0-2

Uptime:

16:07:17 up 72 days, 21:01, 1 user, load average: 0.21, 0.16, 0.11

CPU Idle: 93.06% System: 02.40% User: 04.29%
IOWAIT: 00.25% IRQ: 00.00% Soft: 00.00%

Memory Total: 8062096K
Free: 133808K
Used: 7928288K
Cached: 3312040K
Shared: 0K
Buffers: 342228K

	Total	Free	Used
Disk/active	22187548K	9256672K	12705464K (58%)
Disk/inactive	22187548K	20884420K	176064K (1%)
Disk/logging	77201424K	47443520K	25836240K (36%)

調整WaterMark之後。

<#root>

admin:show status

Host Name : publisher
Date : Thu Jul 21, 2016 16:35:48
Time Zone : India Standard Time (Asia/Kolkata)
Locale : en_US.UTF-8
Product Ver : 10.0.1.10000-24
Unified OS Version : 10.0.0.0-2

Uptime:

16:35:49 up 72 days, 21:29, 1 user, load average: 0.09, 0.12, 0.16

CPU Idle: 98.61% System: 00.88% User: 00.51%
IOWAIT: 00.00% IRQ: 00.00% Soft: 00.00%

Memory Total: 8062096K
Free: 1957460K
Used: 6104636K
Cached: 1477332K
Shared: 0K
Buffers: 360100K

	Total	Free	Used
Disk/active	22187548K	9256660K	12705476K (58%)
Disk/inactive	22187548K	20884420K	176064K (1%)
Disk/logging	77201424K	54805132K	18474628K (26%)

如Show Status輸出所示，「已用磁碟/日誌記錄」分割槽的百分比值已從36%更改為26%。

疑難排解

目前尚無特定資訊可用於排解此組態的疑難問題。

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。