

# 在Call Manager过程的RTMT中调整水印

## 目录

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[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[背景信息](#)

[已超出LogPartitionHighWaterMarkExceeded](#)

[已超出LogPartitionLowWaterMarkExceeded](#)

[步骤](#)

[调整低水位线](#)

[调整高水位线](#)

[验证](#)

[故障排除](#)

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## 简介

本文档介绍在Cisco Call Manager的日志记录分区中创建附加磁盘空间（设置高水位和低水位标记）的过程。

## 先决条件

### 要求

本文档没有任何特定的要求。

### 使用的组件


本文档中的信息基于以下软件和硬件版本：

- Cisco Call Manager版本10.0.1-10000-24
- 思科实时监控工具(RTMT)版本10.0(001)

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络处于活动状态，请确保您了解所有命令的潜在影响。

## 背景信息

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 提示：此技术文档中的信息还适用于调整思科即时消息和在线状态服务服务器RTMT中的水印。

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Low WaterMark是日志记录总磁盘空间的百分比值，当您收到警报时，表示磁盘空间已满，其百分比值为已配置的Low WaterMark百分比。

High WaterMark是清除较旧的日志文件后总日志记录磁盘空间的百分比值。

超出高水位线和超出低水位线是指示日志记录分区中已用磁盘空间百分比的事件。

### 已超出LogPartitionHighWaterMarkExceeded

此事件表示日志分区中已使用的磁盘空间百分比已超过配置的高水位线。

### 已超出LogPartitionLowWaterMarkExceeded

此事件表示日志分区中已使用的磁盘空间百分比已超过配置的低水位线。

可以根据需要在RTMT中配置这两个事件的阈值百分比值。默认情况下，“高水位标记”(High WaterMark)设置为总日志记录分区的95%，“低水位标记”(Low WaterMark)设置为总日志记录分区的90%。

有时，日志记录分区中的空间不足而需要为呼叫管理器中的某些活动创建额外空间时会出现这种需求。在这些事件中，可以在日志分区中创建额外的空间，并分别调整High WaterMark和LowWaterMark的阈值。

当High WaterMark的阈值降低时，它会清除较旧的日志文件，这会在日志分区中创建额外的磁盘空间。

## 步骤

### 调整低水位线

启动RTMT并登录到所需的集群，然后在左侧窗格中导航到System > Tool > Alert Central。

在右侧窗格的“系统右侧”下，单击 LogPartitionLowWaterMarkExceeded > Set Alert/Properties。

**System**

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

**Alert Central**

System
Voice/Video
Custom

Alert Name	Enabled
AuthenticationFailed	Enabled
CiscoDRFFailure	Enabled
CoreDumpFileFound	Enabled
CpuPegging	Enabled
<b>CriticalServiceDown</b>	Enabled
DBChangeNotifyFailure	Enabled
DBReplicationFailure	Enabled
DBReplicationTableOutOfSync	Enabled
HardwareFailure	Enabled
LogFileSearchStringFound	Enabled
LogPartitionHighWaterMarkExceeded	Enabled
LogPartitionLowWaterMarkExceeded	Enabled
LowActivePartitionAvailable	<div style="border: 1px solid gray; padding: 2px; display: inline-block;"> Clear Alert </div>
LowAvailableVirtualMemory	<div style="border: 1px solid gray; padding: 2px; display: inline-block;"> Clear All Alerts </div>
LowInactivePartitionAvailable	<div style="border: 1px solid gray; padding: 2px; display: inline-block;"> Disable Alert </div>
LowSwapPartitionAvailableD	<div style="border: 1px solid gray; padding: 2px; display: inline-block;"> Remove Alert </div>
ServerDown	<div style="border: 1px solid gray; padding: 2px; display: inline-block;"> Alert Detail </div>
SparePartitionHighWaterMa	<div style="border: 1px solid gray; padding: 2px; display: inline-block;"> <b>Set Alert/Properties...</b> </div>
SparePartitionLowWaterMar	<div style="border: 1px solid gray; padding: 2px; display: inline-block;"> Reset Alert to Default Config </div>
<b>SyslogSeverityMatchFound</b>	Enabled
SyslogStringMatchFound	Enabled
SystemVersionMismatched	Enabled
TotalProcessesAndThreadsExceededThreshold	Enabled

单击 Next。

**Alert Properties: General**

Name: LogPartitionLowWaterMarkExceeded

**Enable Alert**                      Severity: **Critical** ▼

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

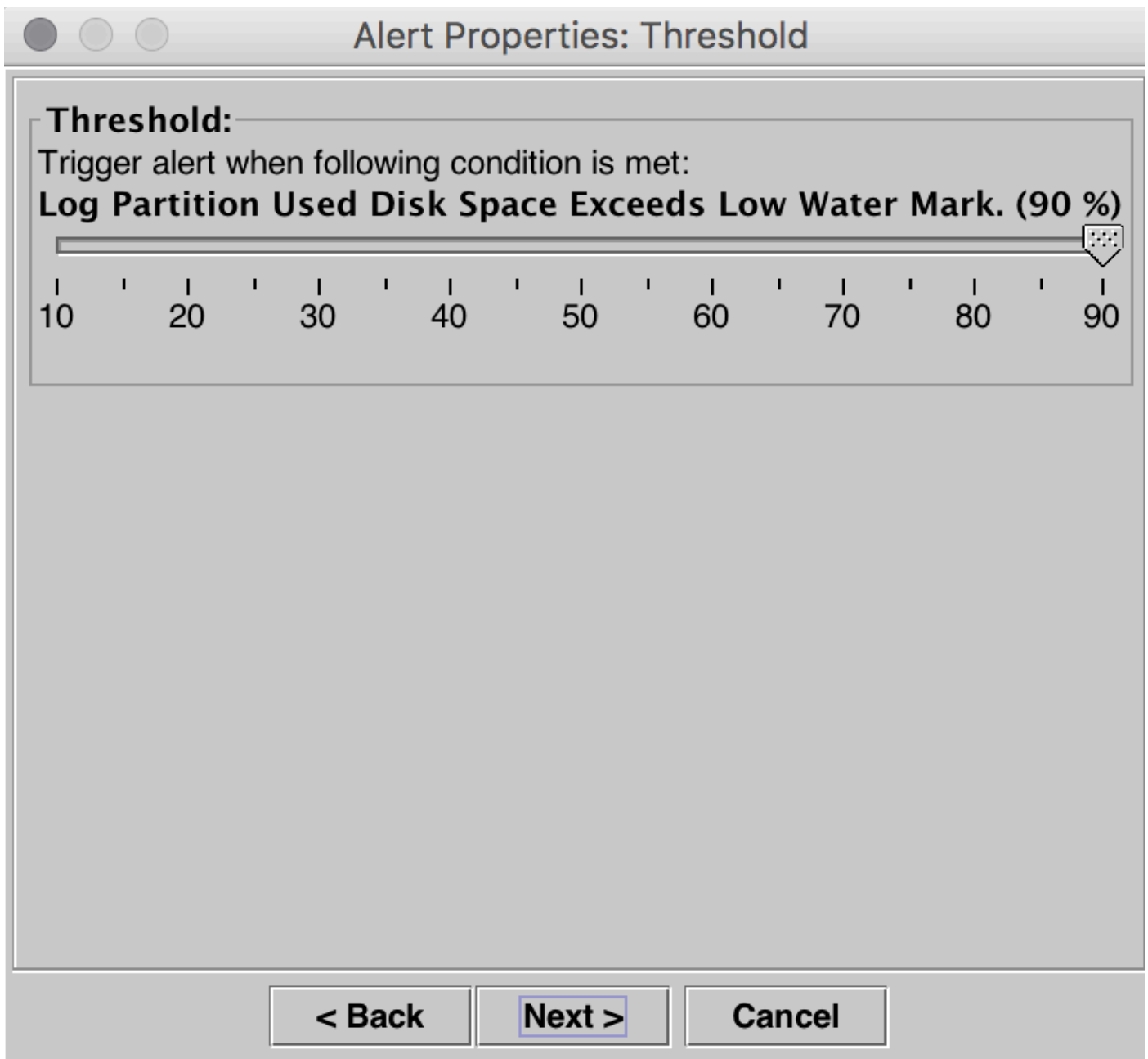
Server	Enable
10.106.91.199	<input checked="" type="checkbox"/>

**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.

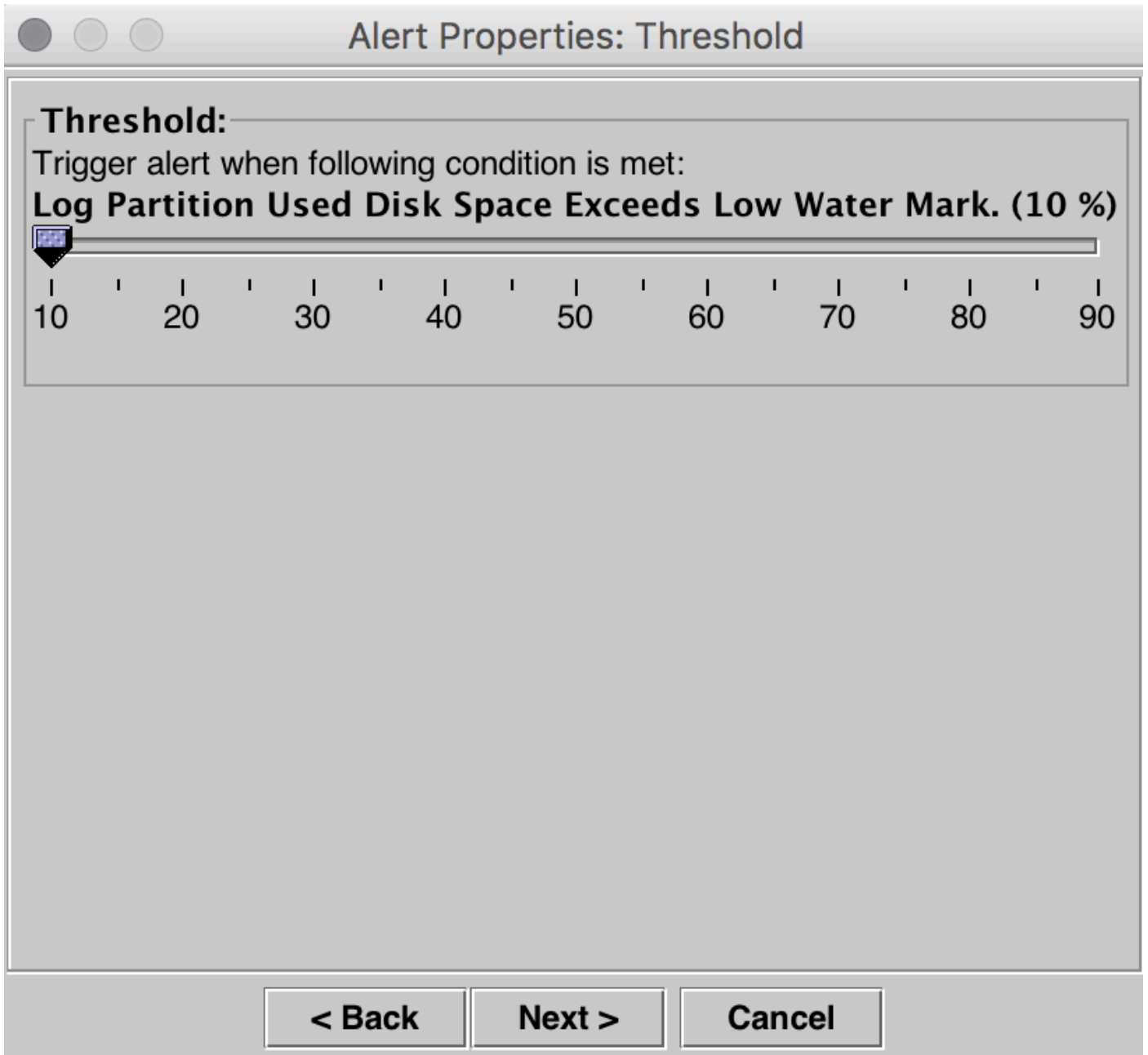
**Recommended Action:**  
Check if the configured low water mark for used disk space in the log partition is too low. And also please examine each application trace log files and clean up those that are too old and too big before the used disk space exceeds the high water mark.

默认情况下，“低水位线”设置为90%。



根据您的要求将Low WaterMark设置为较低的值，然后单击Next。



单击 Next。

## 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:

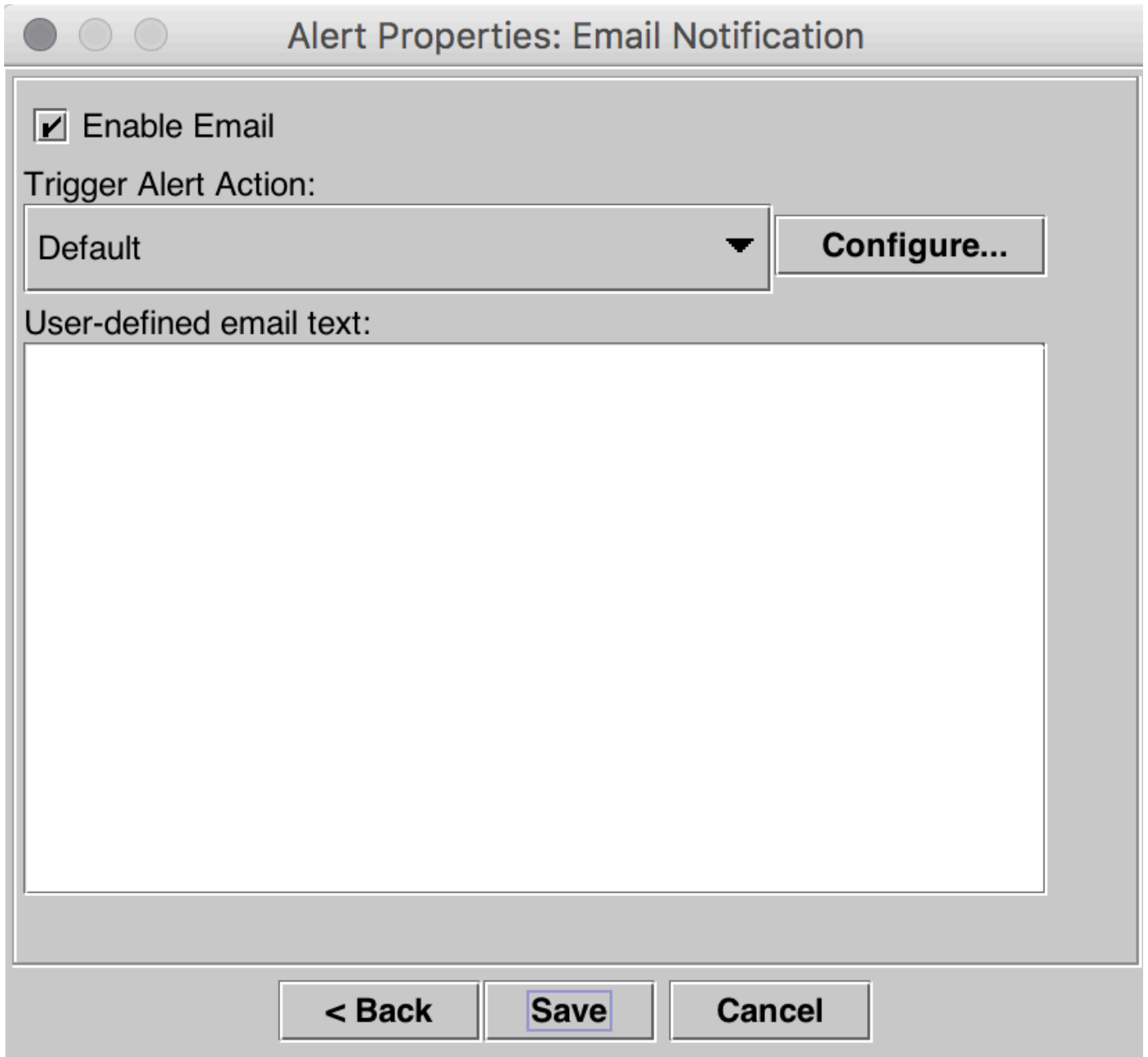
Start Time:  and End Time:

< Back

Next >

Cancel

Click Save.



## 调整高水位线

在右侧窗格的“系统右侧”下，单击LogPartitionHighWaterMarkExceeded > Set Alert/Properties。



**System**

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

**Alert Central**

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
LowActivePartitionAvailableDiskSpace	Enabled
LowAvailableVirtualMemory	Enabled
LowInactivePartitionAvailableDiskSpace	Enabled
LowSwapPartitionAvailableDiskSpace	Enabled
ServerDown	Enabled
SparePartitionHighWaterMarkExceeded	Enabled
SparePartitionLowWaterMarkExceeded	Enabled
SyslogSeverityMatchFound	Enabled
SyslogStringMatchFound	Enabled
SystemVersionMismatched	Enabled
TotalProcessesAndThreadsExceededThreshold	Enabled

Context menu for LogPartitionHighWaterMarkExceeded:

- Clear Alert
- Clear All Alerts
- Disable Alert
- Remove Alert
- Alert Detail
- Set Alert/Properties...**
- Reset Alert to Default Config

单击 Next。

## 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:

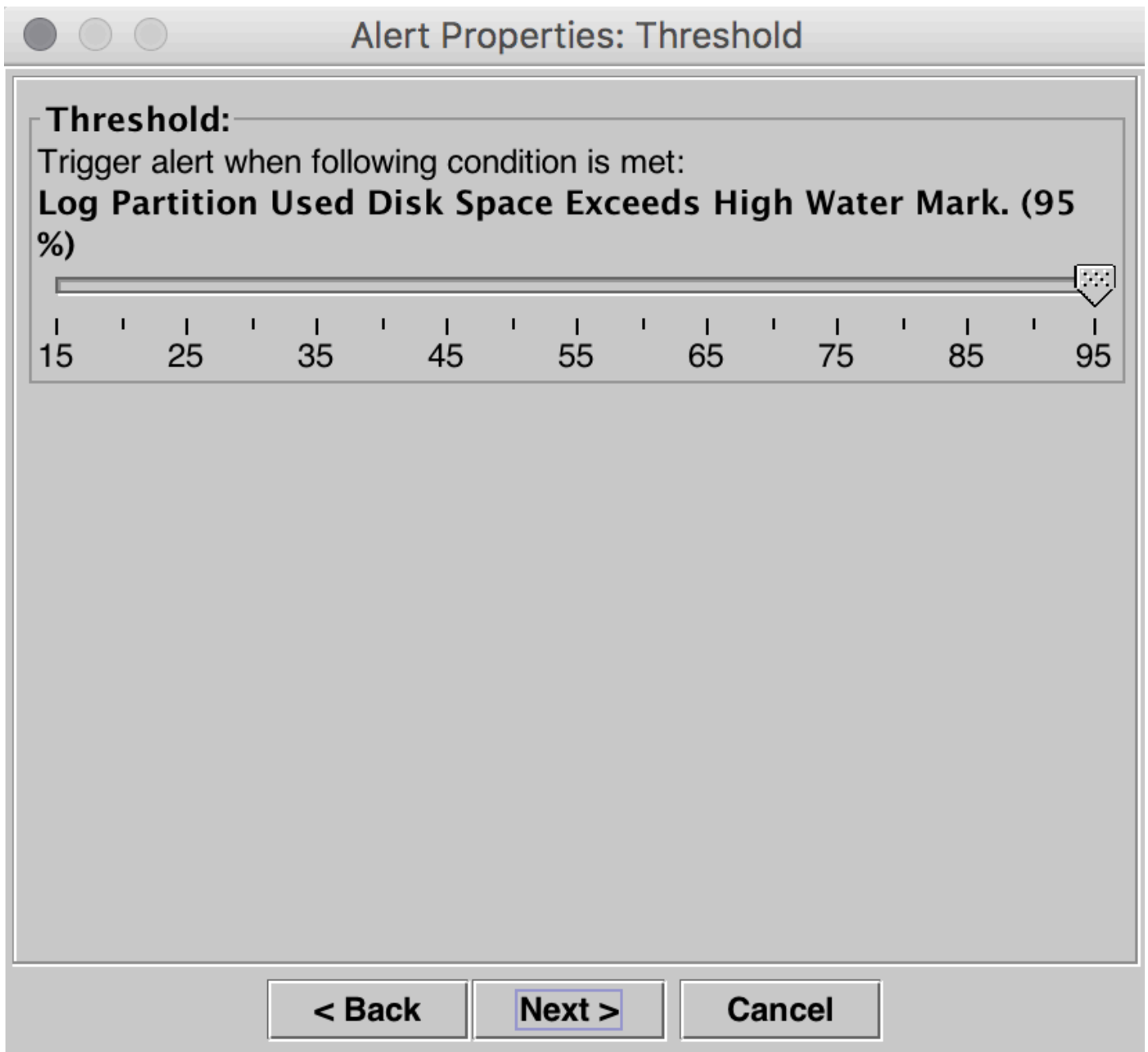
Check if the configured high water mark for used disk space in the log partition is too low.

< Back

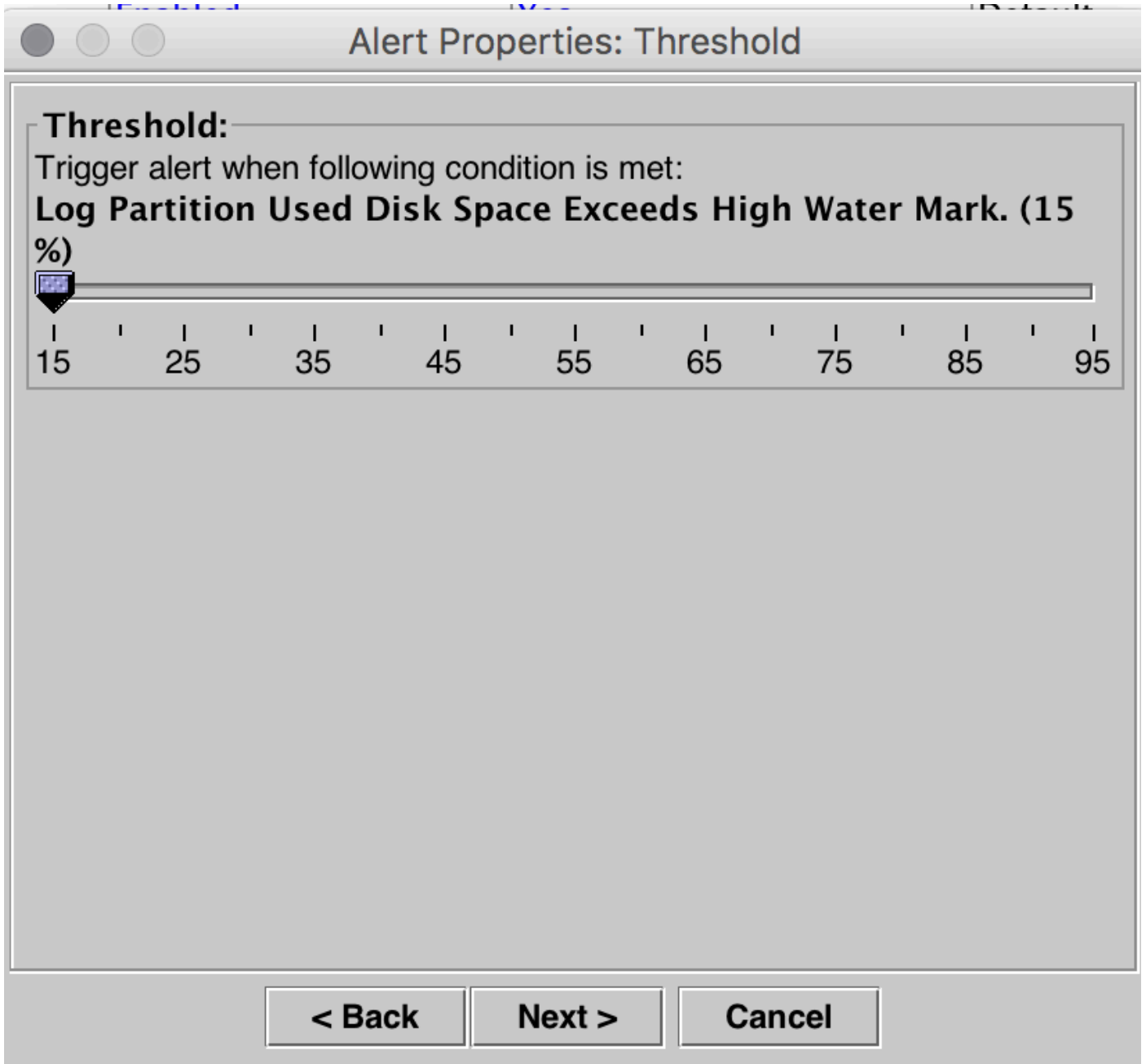
Next >

Cancel

默认情况下，高水位线设置为95%。



根据您的要求将High WaterMark设置为较低的值，然后单击Next。



单击 Next。

## 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:

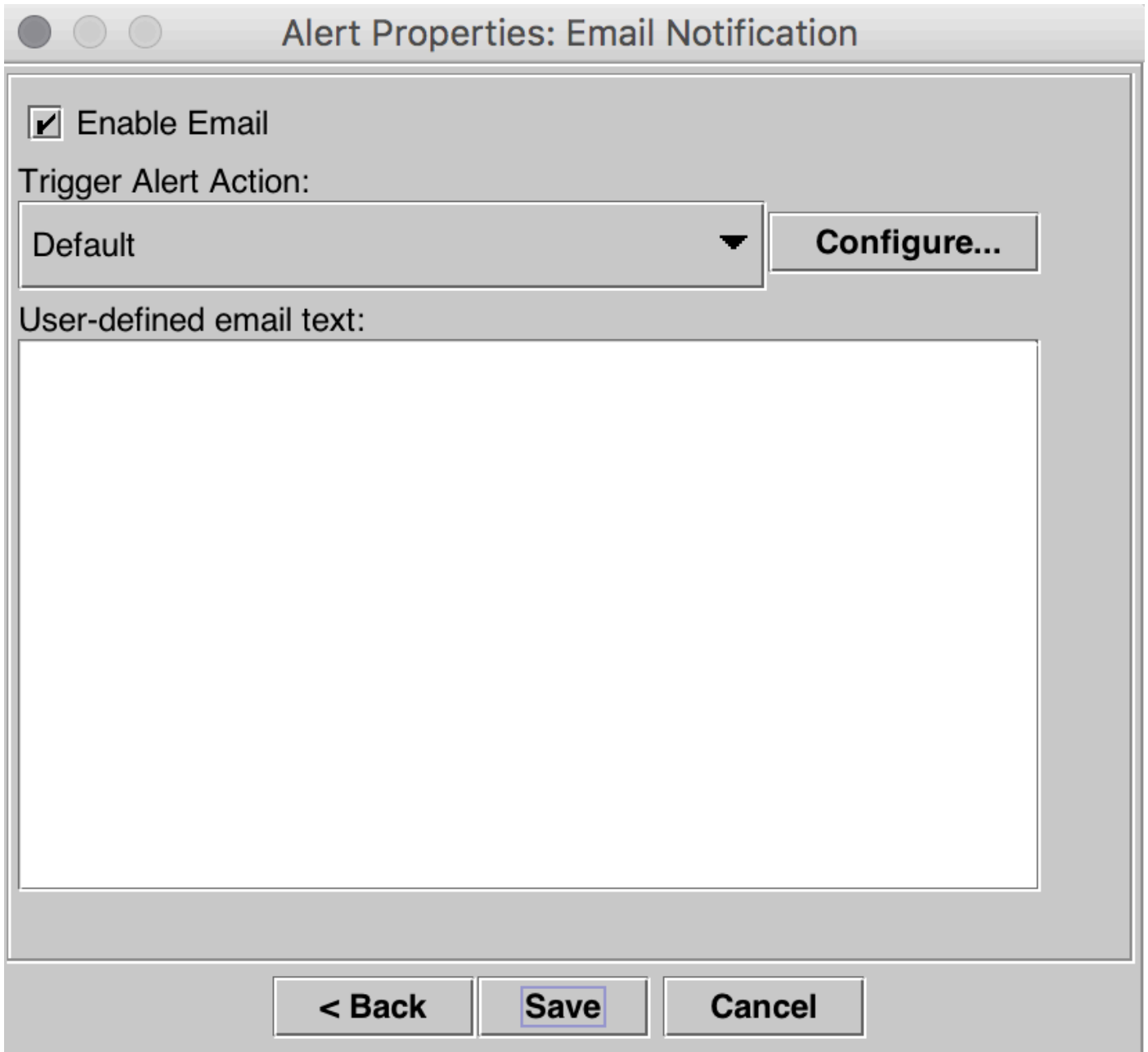
Start Time:  and End Time:

< Back

Next >

Cancel

Click Save.



## 验证

额外的磁盘空间在日志分区中创建。调整高、低水位标记后，可以在Call Manager的CLI上通过Show Status命令进行验证。

在调整水位标记之前。

```
<#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%)

调整WaterMark之后。

<#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输出所示，“已使用的磁盘/日志记录”分区的百分比值已从36%更改为26%。

## 故障排除

当前没有故障排除此配置的特定可用资料。



## 关于此翻译

思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言，希望全球的用户都能通过各自的语言得到支持性的内容。

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