

Alert Suppression Rules API

Overview

This document outlines the Alert Suppression Rules API. Alert Suppression Rules allow you to mute alerts according to your specific parameters automatically. You can set what to suppress (what group by keys), when to suppress (specific times and dates, recurring times and dates, one-time suppressions), and which alerts to suppress during those times.

Prerequisites

Before you begin, please make sure you have the following:

- [API Key for Alerts, Rules & Tags](#) to successfully authenticate
- [Management API Endpoint](#) that corresponds with your Coralogix domain
- Administrator permissions to manage your services

Authentication

Coralogix API uses API keys to authenticate requests. You can view and [manage your API keys](#) from the Data Flow tab in Coralogix. You need to use this API key in the Authorization request header to successfully connect.

Then, use one of our designated [Management endpoints](#) to structure your header.

For the Alert Suppression Rules API, the service name will be `AlertSchedulerRuleService`, and with its namespace becomes

`com.coralogixapis.alerting.alert_scheduler_rule_protobuf.v1.AlertSchedulerRuleService`.

The request header base should look like this:

```
grpcurl -H "Authorization: Bearer <cx_api_key>" -d @ ng-api-grpc.eu2.coralogix.com:443 com.coralogixapis.alerting.alert_scheduler_rule_protobuf.v1.AlertSchedulerRuleService
```

The complete request header should also contain a specific API endpoint. For example, to create a rule use the following:

```
grpcurl -H "Authorization: Bearer <cx_api_key>" -d @ ng-api-grpc.eu2.coralogix.com:443 com.coralogixapis.alerting.alert_scheduler_rule_protobuf.v1.AlertSchedulerRuleService
```

API endpoints

AlertSchedulerRuleService

Method Name	Description
GetAlertSchedulerRule	Retrieves an alert suppression rule based on the provided rule ID.
CreateAlertSchedulerRule	Creates a new alert suppression rule according to the provided parameters.
UpdateAlertSchedulerRule	Updates an existing alert suppression rule with new settings and configurations.
DeleteAlertSchedulerRule	Deletes a specified alert suppression rule, removing it from the system.
GetBulkAlertSchedulerRule	Retrieves multiple alert suppression rules in bulk, potentially filtered by various criteria.
CreateBulkAlertSchedulerRule	Creates multiple alert suppression rules in bulk, based on the provided list of rule creation requests.
UpdateBulkAlertSchedulerRule	Updates multiple existing alert suppression rules with new settings and configurations in bulk.

GetAlertSchedulerRule

Get Alert Scheduler Rule Request

Field	Type	Label	Description
alert_scheduler_rule_id	string		The rule ID.

GetAlertSchedulerRuleResponse

Field	Type	Label	Description
alert_scheduler_rule	AlertSchedulerRule		Metadata from the alert rule.

CreateAlertSchedulerRule

CreateAlertSchedulerRuleRequest

Field	Type	Label	Description
alert_scheduler_rule	AlertSchedulerRule		Metadata from the alert rule

CreateAlertSchedulerRuleResponse

Field	Type	Label	Description
alert_scheduler_rule	AlertSchedulerRule		Metadata from the alert rule

UpdateAlertSchedulerRule

UpdateAlertSchedulerRuleRequest

Field	Type	Label	Description
alert_scheduler_rule	AlertSchedulerRule		Metadata from the alert rule

UpdateAlertSchedulerRuleResponse

Field	Type	Label	Description
alert_scheduler_rule	AlertSchedulerRule		Metadata from the alert rule

DeleteAlertSchedulerRule

DeleteAlertSchedulerRuleRequest

Field	Type	Label	Description
alert_scheduler_rule_id	string		The rule ID.

DeleteAlertSchedulerRuleResponse

Field	Type	Label	Description

GetBulkAlertSchedulerRule

GetBulkAlertSchedulerRuleRequest

Field	Type	Label	Description
active_timeframe	ActiveTimeframe		
enabled	bool	optional	
alert_scheduler_rules_ids	FilterByAlertSchedulerRuleIds		
next_page_token	string	optional	

GetBulkAlertSchedulerRuleResponse

Field	Type	Label	Descrip
alert_scheduler_rules	AlertSchedulerRuleWithActiveTimeframe	repeated	
next_page_token	string		

CreateBulkAlertSchedulerRule

CreateBulkAlertSchedulerRuleRequest

Field	Type	Label	
create_alert_scheduler_rule_requests	CreateAlertSchedulerRuleRequest	repeated	

CreateBulkAlertSchedulerRuleResponse

Field	Type	Label	Description
create_suppression_responses	CreateAlertSchedulerRuleResponse	repeated	

UpdateBulkAlertSchedulerRule

UpdateBulkAlertSchedulerRuleRequest

Field	Type	Label	Description
update_alert_scheduler_rule_requests	UpdateAlertSchedulerRuleRequest	repeated	

UpdateBulkAlertSchedulerRuleResponse

Field	Type	Label	Description
update_suppression_responses	UpdateAlertSchedulerRuleResponse	repeated	

DeleteBulkAlertSchedulerRule

DeleteBulkAlertSchedulerRuleRequest

Field	Type	Label	Description
delete_alert_scheduler_rule_requests	DeleteAlertSchedulerRuleRequest	repeated	

DeleteBulkAlertSchedulerRuleResponse

Field	Type	Label	Description

AlertSchedulerRule

Field	Type	Label	Description
unique_identifier	string	optional	Rule unique_identifier: The rule id.

Field	Type	Label	Description
id	string	optional	Rule id: The rule version id.
name	string		Rule name.
description	string	optional	Rule description.
meta_labels	MetaLabel	repeated	Rule meta_labels: Rule tags over the system.
filter	Filter		Rule filter: The rule filter definition over alert-events.
schedule	Schedule		Rule schedule: The schedule time definition, how often the rule will be active.
enabled	bool		Rule enabled: The rule activation mode.
created_at	string	optional	Rule created_at: The date-time when the rule was created.
updated_at	string	optional	Rule updated_at: The date-time when the rule was updated.

AlertSchedulerRuleWithActiveTimeframe

Field	Type	Label	Description
alert_scheduler_rule	AlertSchedulerRule		
next_active_timeframes	ActiveTimeframe	repeated	

ActiveTimeframe

Field	Type	Label	Description
start_time	string		Timeframe start time: The point in the time(date-time) when the rule will start to be active.
end_time	string		Timeframe end time: The point in the time(date-time) when the rule will finish to be active.

Field	Type	Label	Description
timezone	string		Timeframe timezone: The rule will be active according to a specific timezone.

Duration

Field	Type	Label	Description
for_over	int32		Duration for_over: The duration interval.
frequency	DurationFrequency		Duration frequency: The duration frequency types (minute hour or day).

Timeframe

Field	Type	Label	Description
start_time	string		Timeframe start time: The point in the time(date-time) when the rule will start to be active.
end_time	string		Timeframe end time: The point in the time(date-time) when the rule will finish to be active.
duration	Duration		Timeframe duration: The duration interval of the rule activation.
timezone	string		Timeframe timezone: The rule will be active according to a specific timezone.

NOTE

Avoid including time zone indicators (like 'Z' for UTC) in the `start_time` and `end_time` fields. For example, use `2025-05-21T22:41:26` instead of `2025-05-21T22:41:26Z`.

DurationFrequency

Name	Number
DURATION_FREQUENCY_UNSPECIFIED	0
DURATION_FREQUENCY_MINUTE	1
DURATION_FREQUENCY_HOUR	2
DURATION_FREQUENCY_DAY	3

Recurring

Field	Type	Label	Description
always	Recurring.Always		
dynamic	Recurring.Dynamic		

Recurring.Always

Field	Type	Label	Description

Recurring.Dynamic

Field	Type	Label	Description
repeat_every	int32		Recurring Dynamic repeat_every: The rule will be activated in a recurring mode according to the interval.
daily	Daily		
weekly	Weekly		
monthly	Monthly		
timeframe	Timeframe		Recurring Dynamic timeframe: The rule will be activated in a recurring mode according to the specific timeframe.
termination_date	string	optional	Recurring Dynamic termination_date: The rule will be terminated according

Field	Type	Label	Description
			to termination_date.

Schedule

Field	Type	Label	Description
schedule_operation	ScheduleOperation		Rule schedule_operation: The rule operation mode (mute/active).
one_time	OneTime		Schedule one_time: The scheduling definition will activate the rule for a specific timeframe.
recurring	Recurring		Schedule recurring: The scheduling definition will activate the rule for a recurring timeframe.

Daily

Field	Type	Label	Description

Weekly

Field	Type	Label	Description
days_of_week	int32	repeated	Dynamic Weekly days_of_week: The rule will be activated at weekly intervals on specific days in a week.

Monthly

Field	Type	Label	Description
days_of_month	int32	repeated	Dynamic Monthly days_of_month: The rule will be activated at monthly intervals on specific days in a month.

OneTime

Field	Type	Label	Description
timeframe	Timeframe		

ScheduleOperation

Name	Number	Description
SCHEDULE_OPERATION_UNSPECIFIED	0	
SCHEDULE_OPERATION_MUTE	1	
SCHEDULE_OPERATION_ACTIVATE	2	

FilterByAlertSchedulerRuleIds

Field	Type	Label	Description
alert_scheduler_ids	AlertSchedulerRuleIds		
alert_scheduler_version_ids	AlertSchedulerRuleVersionIds		

AlertSchedulerRuleIds

Field	Type	Label	Description
alert_scheduler_rule_ids	string	repeated	

AlertSchedulerRuleVersionIds

Field	Type	Label	Description
alert_scheduler_rule_version_ids	string	repeated	

Filter

Field	Type	Label	Description
what_expression	string		Filter what_expression: DPXL expression that filters the alerts group by values.
alert_meta_labels	MetaLabels		Filter alert_meta_labels: filter alerts by meta labels tagging.
alert_unique_ids	AlertUniquelds		Filter alert_unique_ids: filter specific alerts (when alert_unique_ids is empty meaning it wil filter all alerts).

AlertUniquelds

Field	Type	Label	Description
value	string	repeated	

MetaLabels

Field	Type	Label	Description
value	MetaLabel	repeated	

MetaLabel

Field	Type	Label	Description
id	string	optional	MetaLabel id: The meta label id
key	string		MetaLabel key: The meta label key
value	string	optional	MetaLabel value: The meta label value

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