

Maintenance

Methods

Class containing methods for operations with Maintenances.

Methods	Description
get()	Get maintenance details
exists()	Check if maintenance exists
create()	Create maintenances
update()	Update maintenance details
delete()	Delete maintenances

Object details

The table contains complete list of Maintenance attributes.

Maintenance

Parameter	Type	Description	Details
maintenanceid	<i>integer</i>	Maintenance ID	
name	<i>string</i>	Name.	
maintenance_type	<i>integer</i>	Type.	0: With data collection 1: No data collection
description	<i>string</i>	Description.	
active_since	<i>integer</i>	Activation date.	Unix timestamp
active_till	<i>integer</i>	Deactivation date.	Unix timestamp
timeperiods	<i>array of timeperiod objects</i>	Timeperiods	

Timeperiod

Parameter	Type	Description	Details
timeperiod_type	<i>integer</i>	Type defines what fields are used and how values of those fields are processed. Required fields by timeperiod type: 0 - start_date, period; 2 - start_time, period, every; 3 - start_time, period, every, dayofweek; 4 - start_time, period, every, dayofweek, month, day;	0: Onetime 2: Daily 3: Weekly 4: Monthly
every	<i>integer</i>	Depends on type: 2 - every Nth day (if every=2 timeperiod is triggered every second day); 3 - every Nth week 4 - is used when field day is 0 and then means every Nth week of month (1 - 5)	

Parameter	Type	Description	Details
month	<i>integer</i>	Number, got by converting binary number, where each bit represents one month (Dec is first bit, Jan is last bit) to decimal number. For example if you need maintenance on March and April, binary representation is '000000001100' and decimal is 12.	
dayofweek	<i>integer</i>	Used for type 3 and for type 4 when day is 0. Number with week days calculated in same way as month . (Sun is first bit, Mon is last bit)	
day	<i>integer</i>	If equal to 0 then field every and dayofweek are used, otherwise represents number of day on which timeperiod is triggered.	
start_time	<i>integer</i>	Period start time in seconds	
period	<i>integer</i>	Period length in seconds	
start_date	<i>integer</i>	Period start date as Unix timestamp	

Common tasks

The table contains list of common maintenance-related tasks and possible implementation using Zabbix API

Task	HOWTO
Add a maintenance	Use method maintenance.create
Add a bunch of new maintenances	Use method maintenance.create with array of Maintenance objects
Rename a maintenance	Use method maintenance.update , set "name": "<new name>"
Retrieve maintenance details by Maintenance IDs	Use method maintenance.get with parameter maintenanceids
Retrieve maintenance details by Maintenance name	Use method maintenance.get with parameter filter , specify "name": "<your maintenance>"

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