

## Method reference

This section provides an overview of the functions provided by the Zabbix API and will help you find your way around the available classes and methods.

### Monitoring

The Zabbix API allows you to access history and other data gathered during monitoring.

#### History

Retrieve historical values gathered by Zabbix monitoring processes for presentation or further processing.

[History API](#)

#### Trends

Retrieve trend values calculated by Zabbix server for presentation or further processing.

[Trend API](#)

#### Events

Retrieve events generated by triggers, network discovery and other Zabbix systems for more flexible situation management or third-party tool integration.

[Event API](#)

#### Problems

Retrieve problems according to the given parameters.

[Problem API](#)

#### Service monitoring

Retrieve detailed service layer availability information about any IT service.

[IT service SLA calculation](#)

## Configuration

The Zabbix API allows you to manage the configuration of your monitoring system.

### Hosts and host groups

Manage host groups, hosts and everything related to them, including host interfaces, host macros and maintenance periods.

[Host API](#) | [Host group API](#) | [Host interface API](#) | [User macro API](#) | [Maintenance API](#)

### Items and applications

Define items to monitor. Create or remove applications and assign items to them.

[Item API](#) | [Application API](#)

### Triggers

Configure triggers to notify you about problems in your system. Manage trigger dependencies.

[Trigger API](#)

### Graphs

Edit graphs or separate graph items for better presentation of the gathered data.

[Graph API](#) | [Graph item API](#)

### Templates

Manage templates and link them to hosts or other templates.

[Template API](#)

### Export and import

Export and import Zabbix configuration data for configuration backups, migration or large-scale configuration updates.

[Configuration API](#)

## Low-level discovery

Configure low-level discovery rules as well as item, trigger and graph prototypes to monitor dynamic entities.

[LLD rule API](#) | [Item prototype API](#) | [Trigger protototype API](#) | [Graph prototype API](#) | [Host prototype API](#)

## Event correlation

Create custom event correlation rules.

[Correlation API](#)

## Actions and alerts

Define actions and operations to notify users about certain events or automatically execute remote commands. Gain access to information about generated alerts and their receivers.

[Action API](#) | [Alert API](#)

## IT services

Manage IT services for service-level monitoring and retrieve detailed SLA information about any service.

[IT service API](#)

## Screens

Edit global and template-level screens or each screen item individually.

[Screen API](#) | [Screen item API](#) | [Template screen API](#) | [Template screen item API](#)

## Maps

Configure maps to create detailed dynamic representations of your IT infrastructure.

[Map API](#)

## Web monitoring

Configure web scenarios to monitor your web applications and services.

## [Web scenario API](#)

## **Network discovery**

Manage network-level discovery rules to automatically find and monitor new hosts. Gain full access to information about discovered services and hosts.

[Discovery rule API](#) | [Discovery check API](#) | [Discovery host API](#) | [Discovery service API](#)

## **Administration**

With the Zabbix API you can change administration settings of your monitoring system.

### **Users**

Add users that will have access to Zabbix, assign them to user groups and grant permissions. Configure media types and the ways users will receive alerts.

[User API](#) | [User group API](#) | [Media type API](#) | [Media API](#)

### **General**

Change certain global configuration options.

[Icon map API](#) | [Image API](#) | [User macro API](#)

### **Proxies**

Manage the proxies used in your distributed monitoring setup.

[Proxy API](#)

### **Scripts**

Configure and execute scripts to help you with your daily tasks.

[Script API](#)

## **API information**

Retrieve the version of the Zabbix API so that your application could use version-specific features.

[API info API](#)

From:

<https://www.zabbix.com/documentation/3.2/> - **Zabbix Documentation 3.2**

Permanent link:

<https://www.zabbix.com/documentation/3.2/manual/api/reference>

Last update: **2017/06/29 06:26**

