

ADM API Update

To enhance the efficiency of managing a large number of devices in batches, we have redeveloped the existing ADM API to significantly improve the performance of batch device management, while also maintaining compatibility as much as possible.

The old ADM API will be forcibly redirected to the new version of ADM API starting from 13:00 (GMT+8:00) on June 1, 2023.

What's the benefits of new version of the API?

- **Improved Performance**

Currently, it takes about 20 seconds to Assign Configuration or Assign Firmware to 500 devices using the old version of the API. However, with the new version of the API, this task only takes 1 second. The new version of API is capable of assigning configuration or firmware to 10,000 devices, which the old version could not do.
- **Better Design**

The following are some confirmed errors or poor designs in the old version of the API:

 - **Poor signature check flow**

If the system time of the API environment you call is earlier than the time of the ADM API server, the signature cannot be verified in the old version of ADM API.
 - **Inconsistent search criteria**

The red letters indicating the connection time on ADM Web are checked based on the AT\$ADMS frequency on the device, but the search for normal connections on the device is based on a 12-hour check.
 - **Insufficient data validation**

The current ADM API allows the assignment of Firmware that does not exist on FTP to the device.
- **Compatibility**

The new version of the API is completely compatible with the old version in terms of design, except for the addition of some error messages that make debugging easier.

This will affect your application's ability to access the ADM API without proper authorization information after the 301 Moved Permanently redirection. After 13:00 (GMT+8:00) on June 1, 2023, if your application fails to include authorization information in the headers when forcibly redirected to the new path, it will not be authorized to access the ADM API.

Take Actions

To continue using ADM API without interruption after 13:00 (GMT+8:00) on 1 June 2023, we recommend that you update your application to access the new API paths to avoid losing authorization information due to 301 Moved Permanently redirects.

In addition, the new API may have some error messages that are different from the previous version. If you are using the API, we also suggest that you contact our FAE team to obtain the latest version of the Postman API document to update your application.

NAME OF API	PREVIOUS PATH	NEW PATH
GET DEVICES BY CONDITION(S)	https://adm.atrack.com.tw/api/devices	https://adm.atrack.com.tw/api/v1/devices
GET DEVICE BY IMEI	https://adm.atrack.com.tw/api/devices/{{IMEI}}	https://adm.atrack.com.tw/api/v1/devices/{{IMEI}}
ASSIGN FIRMWARE	https://adm.atrack.com.tw/api/devices/fwassignments	https://adm.atrack.com.tw/api/v1/devices/fwassignments
ASSIGN CONFIGURATION	https://adm.atrack.com.tw/api/devices/configassignments	https://adm.atrack.com.tw/api/v1/devices/configassignments
ASSIGN GROUP	https://adm.atrack.com.tw/api/devices/groupassignments	https://adm.atrack.com.tw/api/v1/devices/groupassignments
ASSIGN COMPANY	https://adm.atrack.com.tw/api/devices/companyassignments	https://adm.atrack.com.tw/api/v1/devices/companyassignments
GET ALL GROUPS, CREATE GROUP	https://adm.atrack.com.tw/api/groups	https://adm.atrack.com.tw/api/v1/groups
GET GROUP BY ID, DELETE GROUP	https://adm.atrack.com.tw/api/groups/{{GROUP_UUID}}	https://adm.atrack.com.tw/api/v1/groups/{{GROUP_UUID}}

Any questions, please feel free to contact us. Thank you.

sales@atrack.com.tw

ATrack Technology Inc