

Mobile Threat Defense Professional Integration scripts for IBM MaaS360

Abstract

Use the integration scripts to set up the required attributes and entities within IBM MaaS360 for integration with Mobile Threat Defense Professional (MTD Professional).

Important: The integration scripts should only be run once.

These scripts create the following:

- A Boolean custom attribute
- A device group based on the Boolean custom attribute
- A risk posture custom attribute representing normal, low, elevated, and critical risks
- Device groups based on each risk posture of low, elevated, and critical
- An alert for the IBM MaaS360 dashboard that contains devices with a risk posture of critical

Note: The **IBM MaaS360 MTD** iOS and Android apps are also loaded into the IBM MaaS360 environment's App Catalog and associated with the newly created device group.

System Prerequisites

The following table lists the technical specifications required to run the scripts.

Requirement	Description
Python 2.7 or higher	You must have this version of Python or higher to run these scripts. If you do not have this version, download it from the website .
IBM MaaS360 Web Service Access	You must have web service access to your IBM MaaS360 environment. If you need access, contact IBM MaaS360 support at the following email address: support@maas360.ibm.com

Procedure

Perform the following steps to run the scripts:

1. Go to the `mtdpScript` folder.

It includes the following:

- `MaaS360APIs.py`
- `PartnerConfig.py`
- `Runner.py`

Caution: You can update only the **Runner.py** file and do not update any other files.

2. Open the **Runner.py** file in a text editor and set the values for the following parameters:
 - **WS_SERVER_BASE**: Base web service URL for your IBM MaaS360 portal.
Important: Ensure that you have used one of the following URLs based on your MaaS360 account:
 - **m1**: `https://services.fiberlink.com`
 - **m2**: `https://services.m2.maas360.com`
 - **m3**: `https://services.m3.maas360.com`
 - **m4**: `https://services.m4.maas360.com`
 - **m6**: `https://services.m6.maas360.com`
 - **BILLING_ID**: Billing ID for your organization's account in IBM MaaS360.
 - **USERNAME**: Username for your IBM MaaS360 account that you use for web service access.
 - **PASSWORD**: Password for your IBM MaaS360 account.
 - **APP_ID**: **App ID** that is generated for the app access key.
 - **APP_VERSION**: **Version** that is generated for the app access key.
 - **PLATFORM_ID**: **PlatformID** that is generated for the app access key.
 - **APP_ACCESS_KEY**: **Access Key** that is generated for IBM MaaS360 Web Service Access.
3. Save the file.
4. Run the script on the command line:
`python Runner.py`
 - On successful execution, it displays the message that the app has been successfully uploaded to the App Catalog and distributed.
 - In case of failure, contact IBM support.
5. From the MaaS360 Portal home page, select **Apps > Catalog**.
IBM MaaS360 MTD for the **Type** (iOS and Android) apps are displayed on the **App Catalog** page.