

PingIntelligence for APIs

VERSION DOCKERFILE-3.1.1

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PingIntelligence for APIs – Dockerfile Guide

Version 3.1.1

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Ping Identity Corporation

1001 17th Street, Suite 100

Denver, CO 80202

U.S.A.

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PingIntelligence for APIs Dockerfile for Docker Images

Ping Identity provides Dockerfiles using which you can create Docker images of the following PingIntelligence for APIs products:

- API Security Enforcer (ASE)
- API Behavioral System (ABS)
- PingIntelligence for APIs Dashboard
- Automated API Definition (AAD)

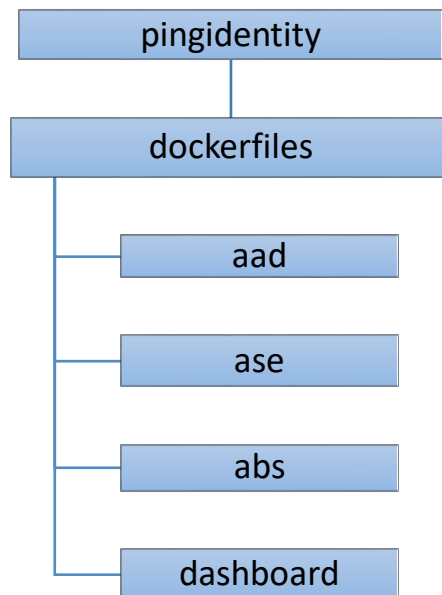
Note the following points before creating Docker images using the Dockerfile:

- RHEL 7 host machine with subscription is required
- The Docker images created do not start the product by default
- The Default process is `/bin/bash`

Download the Dockerfile image from download site and save in the `/opt` directory. Run the following command to extract the Dockerfile:

```
$sudo tar -xf /opt/dockerfiles.tar.gz -C /opt
```

This creates the following directory structure:



Creating ASE Docker Image

Complete the following steps to create the ASE Docker image:

1. Download the ASE RHEL 7 Bare Metal binary file and save it in the `ase` directory. The file name should be `ase_bm_rhel.tar.gz`
2. Run the following command from the `ase` directory to build the ASE Docker image:

```
$sudo docker build -t pingidentity/ase:3.1.1 .
```

Note: ASE runs and exposes ports 8080 and 8443.

Creating ABS Docker Image

Complete the following steps to create the ABS Docker image:

1. Download the ABS binary and save it in the `abs` directory. The file name should be `abs.tar.gz`.
2. Download the JDK8 update 161 or later ".tar.gz" file from Oracle download site and save it in the `abs` directory.
3. Run the following command from the `abs` directory to build the ABS Docker image:

```
$sudo docker build -t pingidentity/abs:3.1.1 .
```

Note: MongoDB is not configured or shipped as part of the ABS Docker image.

Creating Automated API Definition (AAD) Docker Image

Complete the following steps to create the AAD Docker image:

1. Download the AAD binary and save it in the `aad` directory. The file name should be `aad.tar.gz`.
2. Download the JDK8 update 161 or later ".tar.gz" file from Oracle download site and save it in the `aad` directory.
3. Run the following command from the `aad` directory to build the AAD Docker image:

```
$sudo docker build -t pingidentity/aad:3.1.1 .
```

Creating PingIntelligence for APIs Dashboard Docker Image

Complete the following steps to create the Dashboard image:

1. Download the Dashboard binary and save it in the `dashboard` directory. The file name should be `dashboard.tar.gz`.
2. Download the JDK8 update 161 or later ".tar.gz" file from Oracle download site and save it in the `dashboard` directory.
3. Run the following command from the `dashboard` directory to build the Dashboard Docker image:

```
$sudo docker build -t pingidentity/dashboard:3.1.1 .
```

Note: Elasticsearch and Kibana are not shipped or configured as part of the Dashboard image.
