
Article

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How to manage in a CI/CD pipeline an InterSystems API Manager (IAM aka Kong GATEWAY) configuration ?

Kong provides an open source configuration management tool (written in Go), called [deck](#) (which stands for declarative Kong)

- Check that deck recognizes your Kong Gateway installation via [deck ping](#)

deck ping

Successfully connected to Kong!

Kong version: 2.3.3.2-enterprise-edition

- Export Kong Gateway configuration to a file named "kong.yaml" via [deck dump](#)

deck dump

- After modifying the kong.yaml, show the differences via [deck diff](#)

deck diff

```
updating service alerts {
  "connect_timeout": 60000,
-  "host": "172.24.156.176",
+  "host": "192.10.10.18",
  "id": "3bdd7db4-0b75-4148-93b3-2ff11e961f64",
  "name": "alerts",
  "path": "/alerts",
  "port": 50200,
  "protocol": "http",
  "read_timeout": 60000,
  "retries": 5,
  "write_timeout": 60000
}
```

Summary:

Created: 0
Updated: 1
Deleted: 0

- Apply changes via [deck sync](#)

deck sync

```
updating service alerts {
  "connect_timeout": 60000,
-  "host": "172.24.156.176",
+  "host": "192.10.10.18",
  "id": "3bdd7db4-0b75-4148-93b3-2ff11e961f64",
  "name": "alerts",
  "path": "/alerts",
  "port": 50200,
```

```
"protocol": "http",  
"read_timeout": 60000,  
"retries": 5,  
"write_timeout": 60000  
}
```

Summary:

Created: 0
Updated: 1
Deleted: 0

```
deck sync -s workspace1.yaml --workspace workspace1
```

```
deck sync -s workspace2.yaml --workspace workspace2
```

For more information :

<https://docs.konghq.com/deck/1.11.x/guides/getting-started/>

<https://docs.konghq.com/deck/1.11.x/guides/best-practices/>

[#InterSystems API Manager \(IAM\)](#) [#Tips & Tricks](#) [#InterSystems IRIS](#) [#InterSystems IRIS for Health](#) [#Other](#)

Source

URL:<https://community.intersystems.com/post/how-manage-cicd-pipeline-intersystems-api-manager-iam-aka-kong-gateway-configuration>