

# API Gateway

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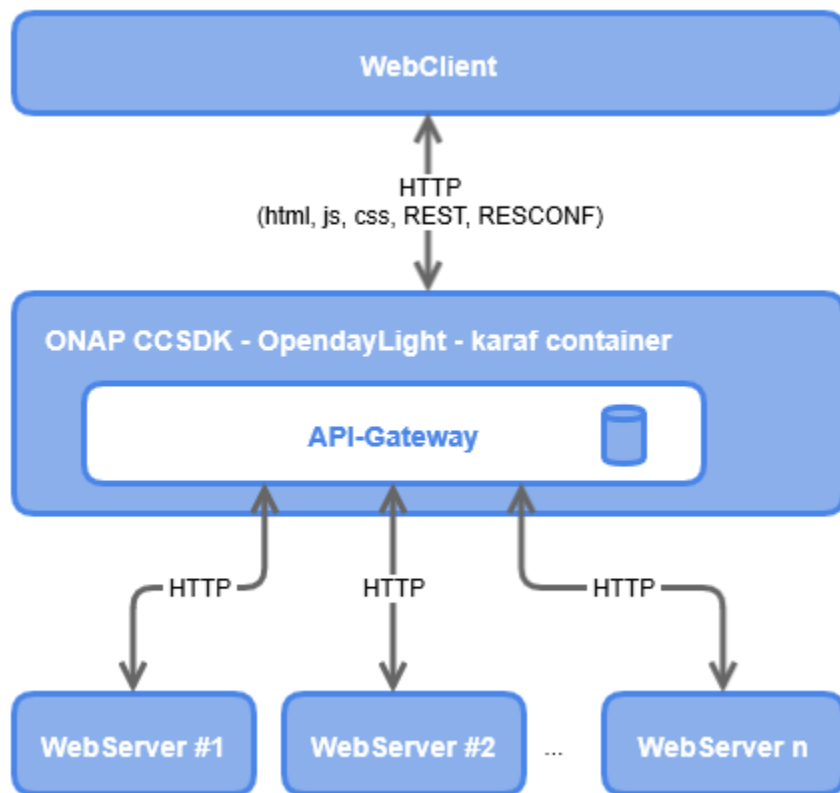
## Abstract

The API gateway provides WEB access to all SDN-R related web service providers considering [cross origin resource sharing \(CORS\)](#) principles.

The Opendaylight default HTTP port is extendet by additional URIs.

Path	Access	Description
/database	elasticsearch	provides <a href="#">Elastic search REST-API</a>
/aai	AAI	uses <a href="#">AAI API</a>
/ms	mediator servers	provides api for external mediators based on <a href="#">Melacon NetConf2SNMP project</a>

## Architecture



## Configuration

The following snippet shows an exmaple of the configuration data for the API-Gateway component:

Filename: **apigateway.properties**

```
aai=https://aai.onap.myserver.com:8443
aaiHeaders=["X-FromAppId:SDNR","Authorization: Basic QUFJOkFBSQ=="]
database=http://localhost:9200
insecure=0
cors=1
```

## Reconfiguration

Paths are defined within

```
nano $ODL_KARAF_HOME/etc/apigateway.properties
```

Restart the bundle in the karaf console

```
./$ODL_KARAF_HOME/bin/client
bundle:restart apigateway-impl
```

With the next request on apigateway it will be newly instantiated and the properties will be reloaded.

## Related Issues

[SDNC-571](#) - Getting issue details...

STATUS