

## WD514 Errata

### 404 errors after publishing changes to a catalog which is already deployed

This errata document contains steps to complete in case a 404 error is experienced consistently when executing API requests.

#### Problem

It has been observed under certain circumstances that updating an already published catalog can result in an inability to access any resources within the catalog.

#### Symptom

Requests made to resources within the catalog will fail with a 404 response code.

#### Cause

The catalog is not being configured correctly after a dynamic reconfiguration within the gateway server.

#### Diagnosing the Problem

When the reconfiguration with the gateway server is not complete, the Sandbox catalog becomes detached. When this occurs, it is possible to correct the issue by reattaching the Sandbox. To do this, perform the following steps:

1. Log into the IBM DataPower Gateways as admin:  
<https://apigw.think.ibm:9090/dp/login.xml>
2. Ensure the **All Services** tab is selected tab on the left
3. Change the domain from default to **apiconnect**
4. Click the **apiconnect** link

The screenshot shows the IBM DataPower Gateways console interface. The top header bar displays 'IBM DataPower Gateways' and 'IDG console at 10.0.0.20:9090'. On the right of the header, there is a dropdown menu currently set to 'apiconnect' and a user profile for 'admin'. The left sidebar contains a list of service types: Services, All Services, Multi-Protocol Gateway, Web Service Proxy, B2B Gateway, XML Firewall, Web Application Firewall, Web Token Service, XSL Proxy, HTTP Service, TCP Proxy Service, SSL Proxy Service, and API Gateway. The 'All Services' tab is selected and highlighted. The main content area, titled 'All Services', contains a table with the following data:

Service	Status	Service Type	Front side URL
apiconnect	Up	API Gateway	https://10.0.0.20:443

Below the table, it indicates 'Total: 1'. A 'New Service' button with a dropdown arrow and a refresh icon is located in the top right corner of the main content area.

5. Click **Add** next to API collection.

## API Gateway: apiconnect

API Gateway  
apiconnect \*

HTTPS Handler  
apiconnect\_https\_443

SSL SNI Server Profile  
apiconnect\_https\_sni\_s

SSL Host Name Mapping  
apiconnect\_https\_se

SSL Server Profile  
dp-gateway-tls-s

Crypto Identifier  
dp-gateway-tls-

Crypto Key  
dp-gateway-

Crypto Certificate  
dp-gateway-

SSL Server Profile  
dp-gateway-tls-serv

Crypto Identifier  
dp-gateway-tls-s

Crypto Key  
dp-gateway-tls-

Crypto Certificate  
dp-gateway-tls-

XML Manager

Status: up

Actions

Name: apiconnect

Main

Enable administrative state: ☒

Comments:

Source protocol handler: apiconnect\_https\_443

Add

API collection: No items

Add

Share Rate Limit Count: yes

Apply Cancel

6. Select **think\_sandbox\_collection** for the API collection

## API Gateway: apiconnect

The screenshot shows the configuration page for the 'apiconnect' API Gateway. On the left is a tree view of the configuration hierarchy, with 'API Gateway' expanded and 'apiconnect' selected. The main panel on the right shows the configuration details for 'apiconnect', which is currently 'up'. The 'Main' section includes fields for 'Name' (apiconnect), 'Enable administrative state' (checked), 'Comments', 'Source protocol handler' (apiconnect\_https\_4), 'API collection' (think\_sandbox\_coll), and 'Share Rate Limit Count' (yes). The 'API collection' dropdown is highlighted with an orange box. At the bottom right are 'Apply' and 'Cancel' buttons.

Status: ● up Actions ▼

**Name:**

**Main**

Enable administrative state: ☒

Comments:

**Source protocol handler:**  ✎ + ✕

**API collection:**  ✎ + ✕

**Share Rate Limit Count:**

7. Click Apply