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API Validation

Validation resource takes a file for validation. Validation is asynchronous process where input data is queued for validation. The validation results are not returned by Validate -resource but instead following data is returned:

- Location pointing to object in Queue - returned in response Header
- Queue Id which is unique identifier for the validation in the queue - returned in response Body

Supported payload content-types

File data can be sent to validate -resource in the the following formats:

- multipart/form-data
 - ? text/xml
 - ? text/plain
 - ? application/zip
- text/xml
- text/plain
- application/zip

Compressing the payload

File payload can, and is recommended to be compressed to ZIP binary data before sending it to the XMLdation API Service. If binary data is detected as valid ZIP file, XML file inside the compressed ZIP is extracted and validated automatically.

Note that for multipart/form-data payload the file is considered as ZIP binary in following cases: mimetype is application/zip OR filename extension is .zip. Otherwise payload is handled as XML data.

HTTP Method

POST /v1/validate/{pcode}

Example request with XML File

```
curl -k -H "Authorization: Bearer Token" -H "Content-Type:application/xml" -X POST -d
"@paymentfile.xml" https://<service_or_demo>.xmldation.com/api/v1/validate/1234placeholder
```

Where

- **Token** is the access_token received via the authentication
- **1234placeholder** is the desired validation pipe name
- **paymentfile.xml** is the xml file for validation on your local filesystem

Example request with ZIP File.

```
zip payment.xml.zip payment.xml
```

```
curl -k -H "Authorization: Bearer Token" -H "Content-Type:application/zip" -X POST --data-binary
```

"@paymentfile.xml.zip" https://<service_or_demo>.xmldation.com/api/v1/validate/1234placeholder

Where

- **Token** is the access_token received via the authentication
- **1234placeholder** is the desired validation pipe name
- **paymentfile.xml.zip** is the zip archive for validation on your local filesystem

Example Response

Header	Content
Location:	/queue/69f4e0c2-16c6-4c91-97b0-16be708ec082

HTTP/1.1 202 Accepted

```
{
  "response": {
    "status": "Added to Validation Queue",
    "id": "69f4e0c2-16c6-4c91-97b0-16be708ec082"
  }
}
```

To access queue item, please refer to [Validation Queue](#).

Possible error messages

401 unauthorized

HTTP/1.1 status 401 will be returned in the following scenarios:

- In cases of invalid credentials
- {pcode} does not exist
- Given username does not have permission to {pcode}

For additional information see [Authentication](#).

500 Internal server error

HTTP/1.1 status 500 will be returned in the following scenarios:

- Missing payload
- Given content-type is not supported. For supported content-types see section "Supported payload content-types"
- Unexpected error occurred. Contact XMLdation Support at support@xmldation.com