

Authentication - REST

Authenticate

Xray provides a REST API with endpoints specifically made for dealing with test management.

Requests made to Xray's REST API must be authenticated based on an API Key created for some user in the Xray [Global Settings: API Keys](#).

Thus, the first step you need to do is to obtain a token based on the Client ID and Client Secret of your assigned API Key. You can then use that token to make requests to the Xray Cloud.

Authenticates the requester based on the provided Client Id and Client Secret and returns an authorization token to be used in other API requests.

Request

Example

Authentication JSON

```
{ "client_id": "32A27E69C0AC4E539C1401643709E8E7", "client_secret":  
"d62f81eb9ed859e22e54356dd8a00e4a5f0d0c2b2b52340776f6c7d6d757b962" }
```



Example Requests

```
curl -H "Content-Type: application/json" -X POST --data @"cloud_auth.json" https://xray.cloud.getxray.app/api/v1/authenticate
```

```
curl -H "Content-Type: application/json" -X POST --data '{ "client_id": "32A27E69B0AC4E539C1401643799E8E7", "client_secret":  
"d62f81eb9ed859e11e54356dd8a00e4a5f0d0c2b2b52340776f6c7d6d757b962" }' https://xray.cloud.getxray.app/api/v1/authenticate
```

the following example, shows a way of setting a shell variable with the token value, so it can be used in subsequent requests

```
token=$(curl -H "Content-Type: application/json" -X POST --data @"cloud_auth.json" https://xray.cloud.getxray.app/api/v1/authenticate | tr -d  
" ")
```

Responses

200 OK : **application/json** : Successful. Returns a JSON string (delimited with the " character), containing the authorization token.

Example Output

```
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.  
eyJ0ZW5hbnQiOiI0MjZiYzA4Yy02N2VmLTNjMjYtYWU1YS03NjczYTBlZjIwNjkiLCJ1c2VyS2V5IjoieW5kcmUucm9kcmlndWVzIiwiaWF0IjoxNTI1ODcxODkzLCJleHAiOiJlMjU5NTgyOTMsImF1dG8iOiJhMyQTI3RTY5QjBBQzRFNTM5QzE0MDE2NDM3OTlFOEU3IiwiaXNzIjoieY29tLnhwYW5kaXQueHJheSIsInN1YiI6IjMyQTI3RTY5QjBBQzRFNTM5QzE0MDE2NDM3OTlFOEU3In0.  
8ah2IQ9rA_zotyh_6trFgfIvhn2awdFFrOHnN2F2H7m"
```

400 BAD_REQUEST : **text/plain** : Wrong request syntax.

401 UNAUTHORIZED : **text/plain** : The Xray license is not valid.

500 INTERNAL_SERVER_ERROR : **text/plain** : An internal error occurred when authenticating the request.