

Frequently Asked Questions (FAQ)**1. What is the URL to access eIPO2.0?**

The URL to access eIPO2.0 from the go-live date is
<https://bidcollection.nseindia.com/login>

2. What is changing in the eIPO2.0 API?

The authentication mechanism is being upgraded from Access Token (Session-based) Authentication to JWT (JSON Web Token) Authentication. Additionally, new V3 API endpoints are being introduced which only has JWT token authentication. V3 endpoints are hosted on new domain.

3. Why is this change being introduced?

The change is being implemented to enhance security using industry-standard JWT authentication.

4. Is any action required from Market Participants?

Yes. Market Participants must modify their applications to implement JWT-based authentication to consume the new V3 API endpoints.

5. Will existing APIs continue to work?

Existing V1 APIs will be deprecated soon. V2 APIs will continue to be available.

New V3 APIs are the recommended version and should be adopted. The deprecation date for V1 shall be communicated by the Exchange prior to the actual deprecation date.

6. Are all API endpoints changing?

No. only the domain is changed for new V3 version.

7. Will login credentials change for UAT/Production?

No. Existing User ID / Password will remain the same.

8. Will API request and response payloads/structure change?

No, only headers will change for authentication.

9. What happens after successful authentication?

The Login API will return a JWT Access Token. This token must be passed in the Authorization Header for all subsequent API requests. Example-
Authorization: Bearer <JWT Token>

10. Do members need to generate JWT tokens themselves?

No. The Login API will generate the JWT token after successful authentication.

Members only need to store and use the returned token.

11. Will token expiry be applicable?

Yes. JWT tokens will have an expiry period of 1 Hr.

12. Can token be refreshed before 1 Hr?

Yes, at the time of 58 min Heartbeat API needs to be called which will give new token.

13. What if user missed the window of 2 mins (58th Min to 1 hr) to refresh token?

User need to call login API again to get new token.

14. What if an expired token is used?

The API will reject the request with 401 Unauthorized error. Members should obtain a new JWT token by logging in again.

15. Is backward compatibility available?

Yes, for a limited period: Existing APIs will continue to function. Members are advised to migrate to V3 at the earliest.

16. Where can members find the updated API specifications?

The revised API Document will be published on the Exchange website and E-IPO portal at the time of go live.

17. Will there be any new feature available with V3 version of API.

At the time of go live, V1 and V3 will have exact same features. However, upcoming new features shall only be introduced in V3.

18. Is there any change in Rate Limiting of the API?

No.

19. Can I modify/Cancel order from new API version V3 while it was placed using V1 version or vice versa?

Yes, being a parallel live order, the same will get reflected in both the portals old and new.

20. Is there any change in the authentication mechanism of V2 version APIs?

No, There is no change in the authentication mechanism of V2 version APIs.

21. What change is needed then to access V2 APIs?

Only domain change is needed to be applied to new URL

22. Whom should members contact for support?

For any API integration or migration-related support, members may contact the e-IPO support team on the Toll-Free number: **1800 266 0050 (Option 1)**.