

How Do I Prepare for OCP API Adoption?

Orion Cash Platform (OCP)

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HKEX
香港交易所

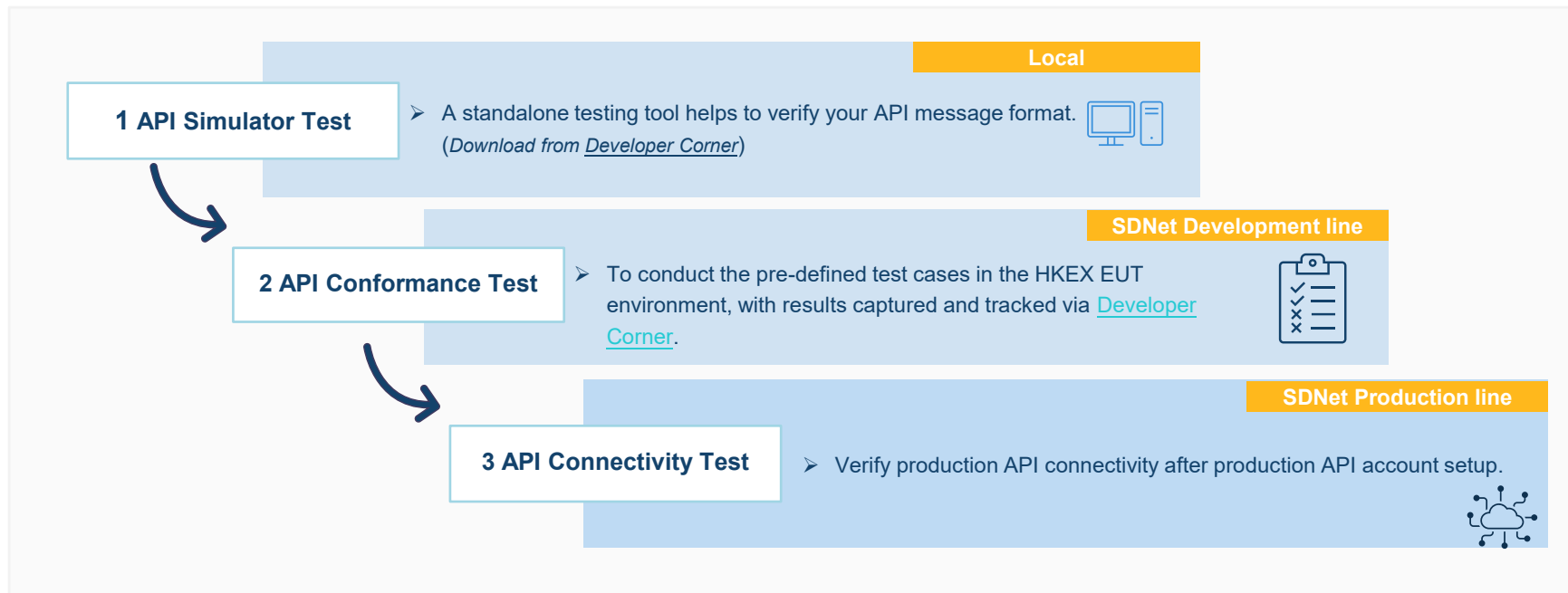
The OCP API Certification Test is a certification process designed to validate Participant's system readiness to adopt OCP API Services prior to production.

This primer is intended to guide you through the entire OCP API Certification Test and Onboarding process.

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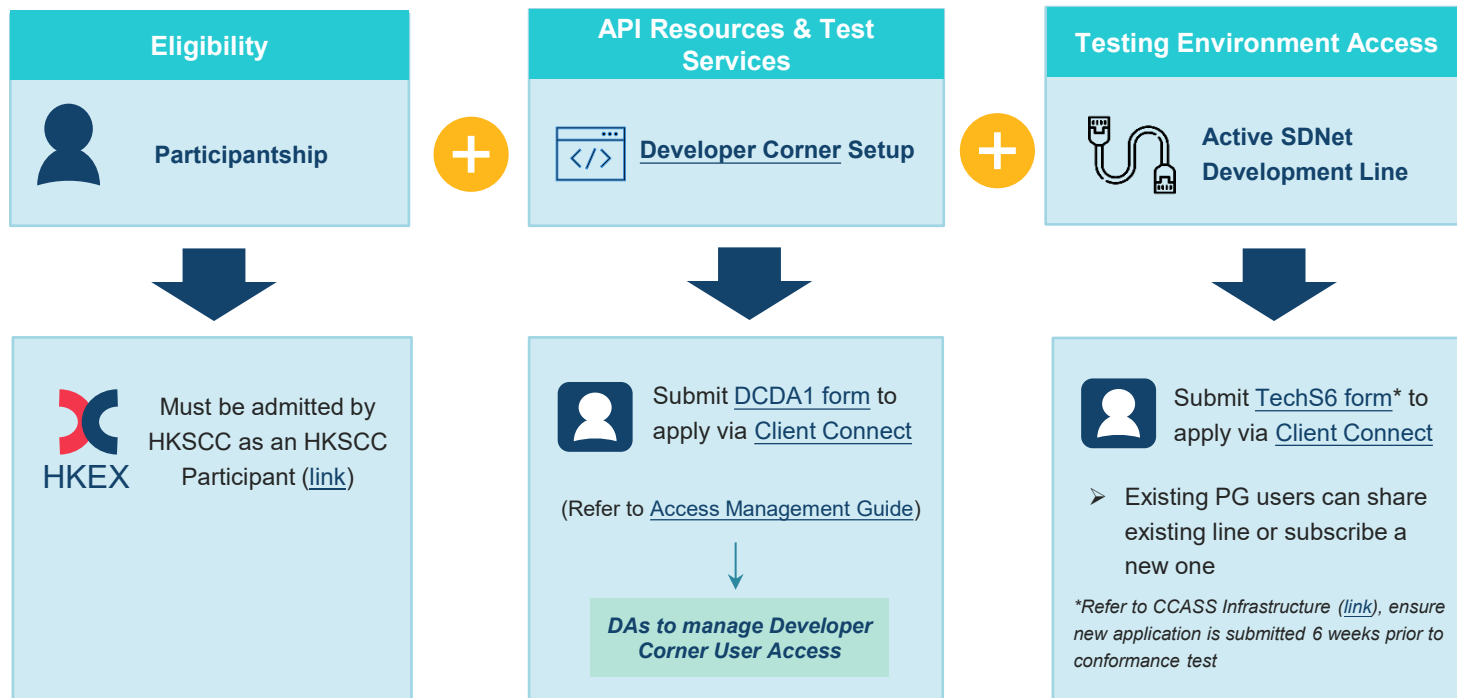
01 What is OCP API Certification Test

- All HKSCC Participants intending to adopt the OCP API Services are required to complete the following tests to demonstrate their system readiness.



02 Testing Preparation

Pre-requisites



"HKSCC" - Hong Kong Securities Clearing Company Limited, "CCASS" - the Central Clearing and Settlement System operated by HKSCC for the clearing of securities listed or traded on SEHK,

"DA" - Delegated Administrator, "PG" - Participant Gateway

02 Testing Preparation

Conditional Testing Requirement

- The OCP Certification Test requirements are determined based on the participant's OCP API adoption status.
- The table below summarises the applicable tests under each scenario.

OCP API Service	API Account	Network Connection (Production)	Testing Required to Conduct		
			Simulator Test	Conformance Test	Connectivity Test
New Endpoint Subscription	New	New SDNet line	✓	✓	✓*
		Existing SDNet line	✓	✓	✓*
	Existing	New SDNet line	✓	✓	Optional/ requested by HKEX
		Existing SDNet line	✓	✓	
Existing Endpoint Subscription	New	New SDNet line	✗	✗	
		Existing SDNet line	✗	✗	
	Existing	New SDNet line	✗	✗	
		Existing SDNet line	✗	✗	

* For first-time OCP API users, HKEX strongly recommends CP to arrange a Connectivity Test session before launch by contacting the OCP Support team (OCP_Support@hkex.com.hk).



03 Testing Checklist

1. API Simulator Test

2. API Conformance Test

3. API Connectivity Test

Local

1.1 Download the API Simulator Package from [Developer Corner](#)
(refer to *API Certification Testing Guide - Sect. 3.7*)

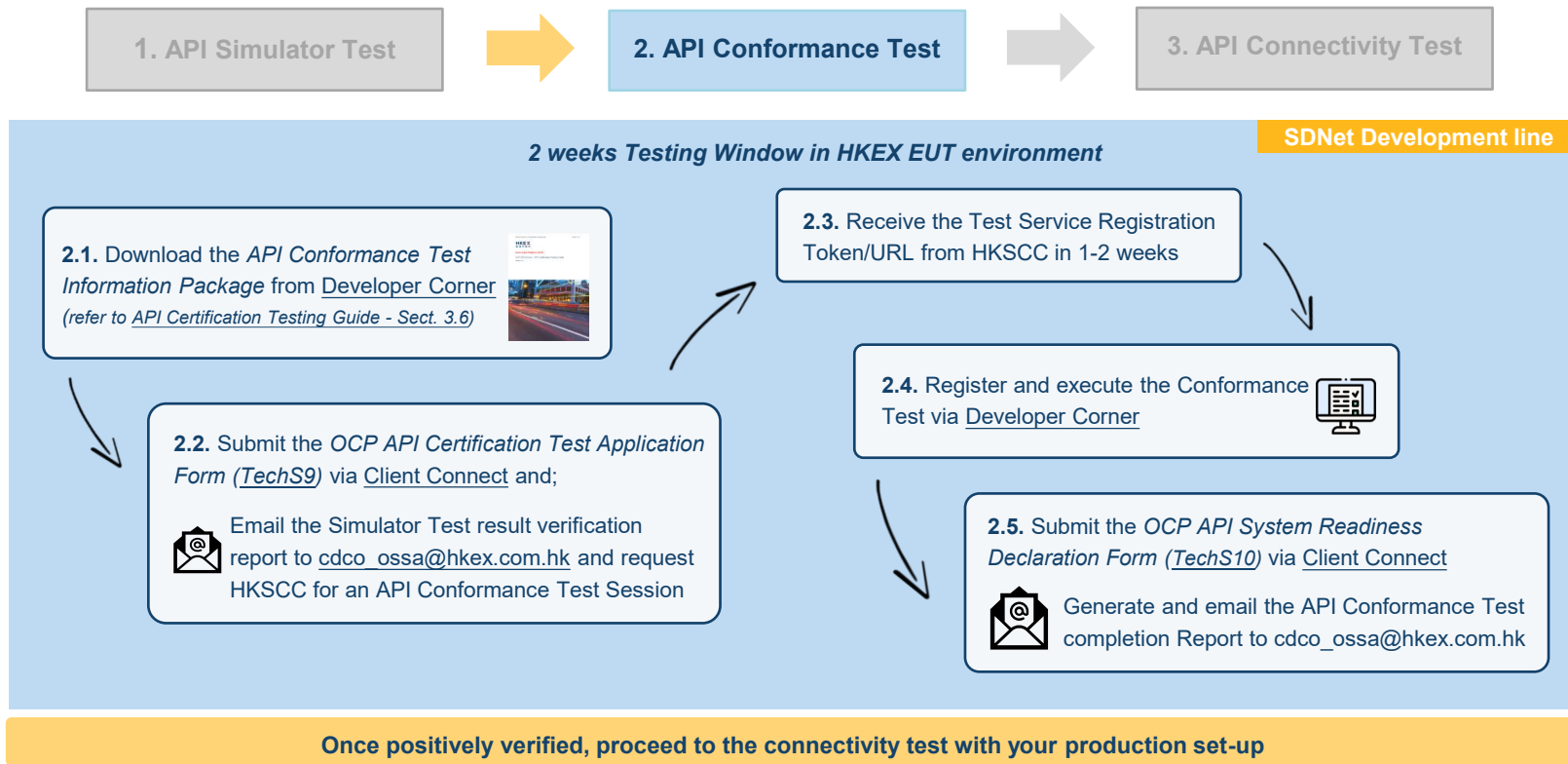


1.2. Conduct the predefined test cases using the standalone offline simulator



1.3. Download the Simulator Test result verification report

03 Testing Checklist



03 Testing Checklist

1. API Simulator Test

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SDNet Production line

3.1. Verify the OCPLM DAs has been setup ([OCPLM1](#)) and any additional production API accounts required ([OCPLM2](#)) if applicable.

3.2. HKSCC will assign EA function role(s) to CP's designated EAs and uplift the entitled API account limit (if applicable)

3.3. OCPLM DAs to setup production API Account(s)
(Refer to [OCP Onboarding Guide Sect. 2.7](#) for step-by-step instructions)

3.4. Contact OCP_Support@hkex.com.hk to arrange a connectivity test session and complete test (if applicable) before service adoption.

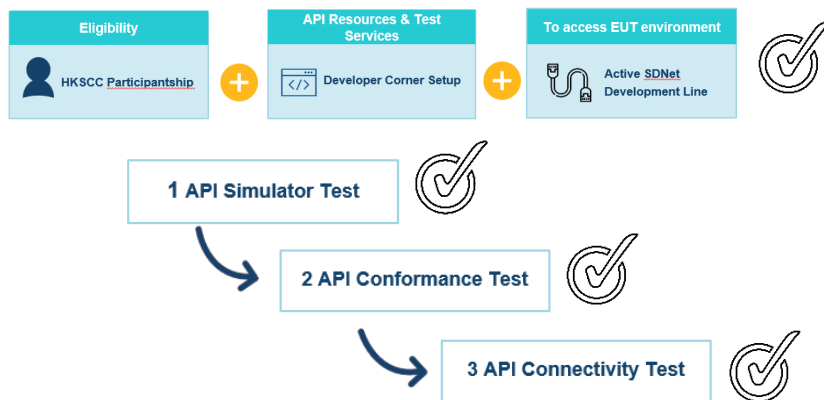


HKEX will review all API activity logs to access participant's readiness



"OCPLM" – OCP Login Management, "DA" – Delegated Administrator, "EA" – External Delegated Administrator

04 Completion



- Once both the OCP API Certification Test and Production setup processes have been completed

**You are ready to use the
OCP API Service!**

Enquiry: OCP_Support@hkex.com.hk

Questions? Contact the OCP support team

- Operating hours: 09:00 to 18:00, Mondays to Fridays (excluding public holidays)
- HKSCC Hotline: 2979-7111
- OCP Support Mailbox: OCP_Support@hkex.com.hk
- Latest Updates and Reference Materials: [Orion Cash Platform](#)

For further information, please visit hkexgroup.com | hkex.com.hk



Appendix: Indicative preparation timeline overview

Lead times to help plan your onboarding schedule



Indicative only — overall duration varies with technical readiness, network setup and testing slot availability.