Test Number	Test Name	Description	V2.0	V2.1	V2.2	V2.3	V3
N/A	Data Model Schema Check	Tests whether the PCF responses of the target host system conform to the PACT data schema	M	M	M	M	M
1	Obtain auth token with valid credentials	Tests the target host system's ability to authenticate a data recipient through the Action Authenticate endpoint.	M	M	M	M	M
2	Obtain auth token with invalid credentials	Tests the target host system's ability to reject an authentication request with invalid credentials.	M	M	M	M	M
3	Get PCF using GetFootprint	Tests the target host system's ability to return a PCF with a specific pfId. This pfId must correspond to one of the PCFs returned by the ListFootprints action.	M	M	M	M	M
4	Get all PCFs using ListFootprints	Tests the target host system's ability to list all available PCFs; requires target host system to respond with a non-empty set of dummy PCFs.	M	M	M	M	M
5	Pagination link implementation of Action ListFootprints	Tests the target host system's ability to return a paginationed response, specifically a valid Link header of additional ProductFootprints ready to be retrieved.	M	M	M	M	M
6	Attempt ListFootprints with Invalid Token	Tests the target host system's ability to reject a ListFootprints request with an invalid access token with the correct error response.	M	M	M	M	M
7	Attempt GetFootprint with Invalid Token	Tests the target host system's ability to reject a GetFootprint request with an invalid access token with the correct error response.	M	M	M	M	M
8	Attempt GetFootprint with Non-Existent PfId	Tests the target host system's ability to reject a GetFootprint request with a non-existent pfId with the correct error response.	M	M	M	M	M
9	Attempt Authentication through HTTP (non-HTTPS)	Tests whether the target host system refuses to process an Action Authenticate request over HTTP (rather than HTTPS).	M	M	M	M	M
10	Attempt ListFootprints through HTTP (non-HTTPS)	Tests whether the target host system refuses to process an Action ListFootprints request over HTTP (rather than HTTPS).	M	M	M	M	M
11	Attempt GetFootprint through HTTP (non-HTTPS)	Tests whether the target host system refuses to process an Action GetFootprint request over HTTP (rather than HTTPS).	M	M	M	M	M
12	Receive Asynchronous PCF Request (Request Created Event)	Tests the target host system's ability to receive an asynchronous request for PCF (Request Created via Action Events) and respond with a 200 (Success) code, indicating ability to handle request. A	O	O	M	M	M
13	Respond to Asynchronous PCF Request (Request Fulfilled Event)	Tests the target host system's ability to respond to an asynchronous PCF request with a valid PCF (Request Fulfilled via Action Events); passing Test Case 12 is a pre-requisite to this Test Case. For	O	O	M	M	M
14	Reject Asynchronous PCF Request (Request Rejected Event)	Tests the target host system's ability to reject a request it cannot fulfil (Request Rejected via Action Events). PCF created request will be made for a productId "urn:pact:null"; host system must	O	O	M	M	M
15	Receive Notification of PCF Update (Published Event)	Tests the target host system's ability to be notified of a PCF update (Published Event) and respond with a 200 code.	O	O	O	O	O
16	Attempt Action Events with Invalid Token	Tests the target host system's ability to reject an Events request with an invalid access token with the correct error response.	O	O	M	M	M
17	Attempt Action Events through HTTP (non-HTTPS)	Tests whether the target host system refuses to process an Action Events request over HTTP (rather than HTTPS).	O	O	M	M	M
18	OpenId Connect-based Authentication Flow	Tests target host system's ability to authenticate a requesting data recipient through a custom AuthEndpoint.	O	O	O	O	O
19	OpenId connect-based authentication flow with incorrect credentials	Tests the target host system's ability to support the OpenId connect-based authentication flow.	O	O	O	O	O
20 (V2)	V2 Filtering Functionality: Get Filtered List of Footprints by "created" parameter	Tests the filtering implementation of a target host system's ListFootprints action, specifically whether filtering based on "created" parameter returns correctly.	O	O	O	O	N/A

20 (V3)	V3 Filtering Functionality: Get Filtered List of Footprints by "limit" parameter	Tests whether the target host system supports the "limit" filter functionality, returning a call to ListFootprints with only the number of PCFs as specified by the "limit" parameter	N/A	N/A	N/A	N/A	M
21	V3 Filtering Functionality: Get Filtered List of Footprints by "productId" parameter	Tests whether the target host system supports the "productId" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
22	V3 Filtering Functionality: Get Filtered List of Footprints by "companyId" parameter	Tests whether the target host system supports the "companyId" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
23	V3 Filtering Functionality: Get Filtered List of Footprints by "geography" parameter	Tests whether the target host system supports the "geography" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
24	V3 Filtering Functionality: Get Filtered List of Footprints by "classification" parameter	Tests whether the target host system supports the "classification" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
25	V3 Filtering Functionality: Get Filtered List of Footprints by "validOn" parameter	Tests whether the target host system supports the "validOn" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
26	V3 Filtering Functionality: Get Filtered List of Footprints by "validAfter" parameter	Tests whether the target host system supports the "validAfter" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
27	V3 Filtering Functionality: Get Filtered List of Footprints by "validBefore" parameter	Tests whether the target host system supports the "validBefore" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
28	V3 Filtering Functionality: Get Filtered List of Footprints by "status" parameter	Tests whether the target host system supports the "status" filter functionality, returning only the PCF(s) matching the filter parameter	N/A	N/A	N/A	N/A	M
29	V3 Filtering Functionality: Get Filtered List of Footprints by multilpe filter parameters using AND logic	Tests whether the target host system supports multiple filters using AND logic, returning only the PCF(s) matching the filter parameters	N/A	N/A	N/A	N/A	M
30	V3 Filtering Functionality: Get Filtered List of Footprints by multilpe filter parameters using OR logic	Tests whether the target host system supports multiple filters using OR logic, returning only the PCF(s) matching either of the filter parameters	N/A	N/A	N/A	N/A	M