CPS-644 Get all cm handles that support all modules in a given list of modules

📑 **CPS-644** - Get all cm handles that support all modules in a given list of modules `CLOSED`

Open Issues

	Issue	Decision
1	Should the response be a string or described using a schema?	yes, we will describe the request and response using a schema
2	What approach is best for getting the data from the DB? 1. Have two methods that execute a native query and determine intersection on ncmp side a. get cm handles for the given module names and revisions b. get cm handles for the given module name 2. Have one method that combines the above queries into one 3. Iterate over the list of modules and get the cm handle id for each.	I propose to use option 1 to improve performance and readability. We no longer need to make a decision on this as we do not need revision (see no.3)
3	Is revision necessary for this use case?	No, we agreed moduleName is only needed for now.

API details

Description	URI	Sample Request Body	Sample Response Body
Get all cm handles that support all modules in a given list of modules	POST {ncmpRoot}/ncmp/v1/ch/searches	`{ "conditions": [ { "name": "hasAllModules", "conditionParameters": [ { "moduleName": "module1" }, { "moduleName": "module2" } ] } ] }`	`{ "cmHandles": [ { "cmHandleId": "cmhandle1" }, { "cmHandleId": "cmhandle2" } ] }`

Implementation details

- The above API will be implemented in NCMP open API
  - moduleName is mandatory
  - revision is optional
  - The request body will be described using the schema below

```
Conditions:
type: object
properties:
  conditions:
    type: object
    properties:
      hasAllModules:
        type: array
        items:
          type: object
          properties:
            moduleName:
              type: string
                        required: true
            revision:
              type: string
```

- The response body will return the JSON example above as a string