Omnistudio Interview questions

1. **Difference between flows and Omniscript**
   1. Omniscript is a UI first designer, Flows are process-first designer
   2. Omniscript operate on JSON, flows operate on SF objects.
   3. OS are responsive and provide high-level of customization, flows does not.

1. **How IP is different than DR**
   1. We use DR when we have a straightforward requirement like
      1. reading/writing data to/from one or more related SObjects
      2. Using series of formulas to manipulate before storing
      3. Transforming JSON to XML and vice versa
   2. We use IP when
      1. We want to perform CRUD operations on unrelated Sobjects
      2. Performing actions like calling apex, sending emails, handling errors, making callouts, etc
      3. Conditionally executing the actions

1. **Difference between flexcards and Omniscript**
   1. Flexcards are used to display contextual information at a glance and generally has use cases such as displaying customer information to service agents so that he can see the information of the customer while attending him on call.
   2. Omniscripts are basically used to gather the information step by step to store that information to salesforce. It has use cases like registering a new user, generating quotes or proposals based on user inputs, etc

1. **Can we embed OS into flexcards and vice versa?**
   1. There are two ways to launch an Omniscript from a FlexCard:
      1. Add an Omniscript as a Custom LWC.
      2. Launch an Omniscript from an action(flyout type= Omniscript)
   2. Flexcards can be embedded into OS using Custom LWC component. We need to appens cf before Flexcard name.

1. **I want to display a list of accounts with at least one contact associated with them, in a table inside an Omniscript. Can you explain how can we implement this?**
2. **Can we call Dataraptors and Integration Procedures inside an LWC component?**
   1. **To call IP from LWC, we must implement OmniscriptBaseMixin and use** omniRemoteCall(params, boolean) function.
3. **Can we call DR from Apex?**
   1. Yes, we can
   2. To call a DataRaptor from Apex, call the vlocity\_ins.DRGlobal.processObjectsJSON()

|  |
| --- |
| /\* Specify DataRaptor extract or transform to call \*/ String DRName = 'DataRaptorName';  /\* Populate the input JSON \*/ Map<String, Object> myTransformData = new Map<String, Object>{'MyKey'=>'MyValue'};  /\* Call the DataRaptor \*/ vlocity\_ins.DRProcessResult result = vlocity\_ins.DRGlobal.process(myTransformData, DRName);  /\* Deserialize the DataRaptor output for processing in Apex \*/  List<Map<String, Object>> myTransformResult = (List<Map<String, Object>>)result.toJsonList();    *From <*[*https://help.salesforce.com/s/articleView?id=sf.os\_dataraptor\_calls\_from\_apex\_47779.htm&type=5*](https://help.salesforce.com/s/articleView?id=sf.os_dataraptor_calls_from_apex_47779.htm&type=5)*>* |

1. **What is Omniscript Branding?**
2. **What is OmniscriptBaseMixin? What all methods it provide?**
3. **Can we insert Accounts with related contacts within same DR?**
4. **How can we improve perfrmance of an Omniscript?**
5. **How can we improve performance of IP?**
6. **How can we call Apex class from Integration Procedure?**
   1. To call an Apex method from IP, we can use Remote Action
   2. To make Apex class visible to IP, we have to implement vlocity\_ins.VlocityOpenInterface and make that class as global
   3. We need to implement this method:

global boolean invokeMethod(String methodName, Map<String, Object> input, Map<String, Object> output, Map<String, Object> options)

1. We can check for methodName parameter and call that specific method inside the apex class
2. input gets inputs we pass to the IP
3. Output stores the values and pass it to IP
4. Options gets the Key and values from Remote Options in IP

1. **How can we make a LWC component visible in OS**
2. **What is List action IP?**