

SDNC Impacts in R6

- [New DGs](#)
- [Code Enhancement](#)

- [Use Case Impact in R6](#)

SDNC-928 - Getting issue details...

STATUS

New DGs

DGs will be created for the following:

1. L1 service creation by calling OpenRoadM and TAPI APIs
2. L1 service deletion by calling OpenRoadM and TAPI APIs
3. Async Notification on service completion for OpenRoadM and TAPI APIs
4. OpenRoadM and TAPI topology discovery

Code Enhancement

SDNC changes are highlighted below on the following table:

Class/sub-component	Impact Description	Remarks
dmaap-listener under ccscdk-sli-northbound package	New SDNC-SO Consumer class	•A new SDNC-SO consumer class to be written to get notifications from SO and perform validation logic and invoke RPCs for Service Creation and Deletion.
SDNC DB	New table in SDNC DB	•A new table to be created in DB to store request details.
ccscdk/sli/adaptors - PublisherApiImpl Class	Reuse existing adaptor	•Existing class/adaptor can be used to publish notifications with success or failure response back to SO.
ccscdk-sli-northbound	New Package - RPCs and timer logic	•A new package to be created to write RPCs for OpenROADM Service Creation /Deletion and T-API Service Creation/Deletion.
generic-resource-api 'org.onap.ccscdk.sli.plugins.restapicall.RestapiCallNode'	Reuse rest-api-call-node adaptor to invoke External Controllers	•rest-api-call-node will be used in DG to invoke External controller to send Request for Service creation or Deletion.
generic-resource-api - messengerouter- publisher	Reuse existing adaptor – To be used from DG	•Existing class/adaptor will be used to publish callback sync/async notifications back to SO via DG.

- [SDNC - State Diagram](#)
- [Service Creation](#)
- [Service Delete](#)