

# CPS-TBDMT Templates for CPS APIs

Note: Please validate the TBDMT APIs with the mentioned templates

S. No	ConfigDB API	yang model	HTTP Method	Xpath Query	Template id	Schema	TBDMT Template	Payload
1	/api/sdnc-config-db/v4/cell-list/{trackingArea}	cps-cavsta-onap-internal	GET	/ran-coverage-area/pLMNIdList[@mcc=%27310%27%20and@mnc=%27410%27]/coverage-area[@coverageArea=%27Chennai%27]/coverageAreaTAList[@nRTAC=%27101%27]&includeDescendants=true	get-cells-list	cps-cavsta-onap-internal	/ran-coverage-area/pLMNIdList[mcc={{mcc}}][mnc={{mnc}}]/coverage-area[coverageArea={{coverageArea}}]/coverageAreaTAList[nRTAC={{nRTAC}}]	
2	/api/sdnc-config-db/v4/nearrric-list/{trackingArea}	cps-cavsta-onap-internal, cps-ran-schema-model	GET	a) Run the API (1) to get the list of cells (idNRCellDU)  b) /NRCellDU[@idNRCellDU=15289]/ancestor::NearRTRIC	get-nearrric-by-cellid	ran-network	Multiple queries support is required  a) API (1)  b) /NRCellDU[@idNRCellDU={{idNRCellDU}}]/ancestor::NearRTRIC	
3	/api/sdnc-config-db/v4/nearRTRIC	ran-network		/ran-network/NearRTRIC[@idNearRTRIC=%2711%27]/attributes/pLMNInfoList[@mcc=%27310%27%20and@mnc=%27410%27]	put-nearrric	ran-network	{ "templateId": "put-nearrric", "model": "ran-network", "requestType": "post", "xpathTemplate": "/ran-network/NearRTRIC[@idNearRTRIC='{{idNearRTRIC}}']/attributes/pLMNInfoList[@mcc='{{mcc}}' and @mnc='{{mnc}}']", "includeDescendants": true }	This field is applicable for the PUT APIs. send the payload data to be persisted in this field
4	/api/sdnc-config-db/v4/gNBCUCP	ran-network	PUT	/ran-network/NearRTRIC[@idNearRTRIC=%2711%27]/GNBCUCPFunction[@idGNBCUCPFunction=%27cupserver1%27]/NRCellCU[@idNRCellCU=%2715289%27]/attributes/pLMNInfoList[@mcc=%27310%27%20and@mnc=%27410%27]	put-gnbcucpfuntion	ran-network	curl -k -H "Content-Type: application/json" --request PUT " <a href="http://10.31.4.14:8080/templates">http://10.31.4.14:8080/templates</a> " --data-raw '{ "templateId": "put-nrcellcu", "model": "ran-network", "requestType": "post", "xpathTemplate": "/ran-network/NearRTRIC[@idNearRTRIC='{{idNearRTRIC}}']/GNBCUCPFunction[@idGNBCUCPFunction='{{idGNBCUCPFunction}}']/NRCellCU[@idNRCellCU='{{idNRCellCU}}']/attributes/pLMNInfoList[@mcc='{{mcc}}' and @mnc='{{mnc}}']", "includeDescendants": true }'	same as above
5	/api/sdnc-config-db/v4/gNBCUUP	ran-network	PUT	/cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBCUUPFunction	put-gnbcuupfunction	ran-network	/cps-ran-schema/NearRTRIC[@idNearRTRIC={{idNearRTRIC}}]/GNBCUUPFunction	same as above
6	/api/sdnc-config-db/v4/gNBDFU	ran-network	PUT	/cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBDUFUFunction	put-gnbdufunction	ran-network	/cps-ran-schema/NearRTRIC[@idNearRTRIC={{idNearRTRIC}}]/GNBDUFUFunction	same as above
7	/api/sdnc-config-db/v4/rrmPolicy	ran-network	PUT	1) /cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBCUCPFunction[@idGNBCUCPFunction='cupserver1']/NRCellCU[@idNRCellCU=15289]/attributes/RRMPolicyRatio  2) /cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBCUUPFunction[@idGNBCUUPFunction=1111]/attributes/RRMPolicyRatio  3) /cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBDUFUFunction[@idGNBDUFUFunction=10]/NRCellDU[@idNRCellDU=15700]/attributes/RRMPolicyRatio	1) put-nrcellcu-rrm-policy  2) put-cuup-rrm-policy  3) put-nrcelldu-rrm-policy	ran-network	1) /cps-ran-schema/NearRTRIC[@idNearRTRIC={{idNearRTRIC}}]/GNBCUCPFunction[@idGNBCUCPFunction={{idGNBCUCPFunction}}]/NRCellCU[@idNRCellCU={{idNRCellCU}}]/attributes/RRMPolicyRatio  2) /cps-ran-schema/NearRTRIC[@idNearRTRIC={{idNearRTRIC}}]/GNBCUUPFunction[@idGNBCUUPFunction={{idGNBCUUPFunction}}]/attributes/RRMPolicyRatio  3) /cps-ran-schema/NearRTRIC[@idNearRTRIC={{idNearRTRIC}}]/GNBDUFUFunction[@idGNBDUFUFunction={{idGNBDUFUFunction}}]/NRCellDU[@idNRCellDU={{idNRCellDU}}]/attributes/RRMPolicyRatio	same as above
8	/api/sdnc-config-db/v4/ranslice-details	cps-ran-inventory	PUT	/ran-inventory/ran-slices	update-ran-inventory	cps-ran-inventory	/ran-inventory/ran-slices	same as above
9	/api/sdnc-config-db/v4/du-list/{sNSSAI}	ran-network	GET	/NRCellDU[idNRCellDU=15700]/pLMNInfoList[@mcc="31"][@mnc="42"]/sNSSAIList[@sNsSai="01-101010"]/ancestor::GNBDUFUFunction	get-gnbdufunction-by-snssai	ran-network	/NRCellDU[idNRCellDU={{idNRCellDU}}]/pLMNInfoList[mcc={{mcc}}][mnc={{mnc}}]/sNSSAIList[@sNsSai={{sNsSai}}]/ancestor::GNBDUFUFunction	

10	/api/sdnc-config-db/v4/du-cell-list/{sNSSAI}	ran-network	GET	/sNSSAList[@sNssai="01-101010"]/ancestor::NRCellDU	get-nrcelldu-by-snssai	ran-network	/sNSSAList[@sNssai={({sNssai})}]/ancestor::NRCellDU	
11	/api/sdnc-config-db/v4/slice-config/{sNSSAI}	ran-network	GET	/NearRTRIC[@idNearRTRIC=11]/pLMNInfoList[@mcc="31"][@mnc="42"]/sNSSAList[@sNssai="01-101010"]/configData	get-nearrtric-config	ran-network	/NearRTRIC[idNearRTRIC={({idNearRTRIC})}]/pLMNInfoList[mcc={({mcc})}][mnc={({mnc})}]/sNSSAList[sNssai={({sNssai})}]/configData	
12	api/sdnc-config-db/v4/nearrtric/{ranNFNSSId}	ran-network	GET	//attributes/ranNFNSSIdList/element{text()="ac8ca1a9-e1ec-4480-8720-c74e92566885"}/ancestor::NearRTRIC	get-nearrtric-by-rannfnnssi	ran-network	//attributes/ranNFNSSIdList/element{text()=({ranNFNSSId})}/ancestor::NearRTRIC	
13	/api/sdnc-config-db/v4/plmn/{sliceProfileId}	cps-ran-inventory	GET	/ran-inventory/ran-slices/sliceProfilesList[@sliceProfileId="314aab80-1754-446c-bfd9-6aae5b1ae348"]/pLMNIdList	get-plmn-id	cps-ran-inventory	/ran-inventory/ran-slices/sliceProfilesList[sliceProfileId={({sliceProfileId})}]/pLMNIdList	
14	/api/sdnc-config-db/v4/ta-list/{mcc}/{mnc}/{coverageArea}	cps-cavsta-onap-internal	GET	/ran-coverage-area/pLMNIdList[@mcc="31"][@mnc="42"]/coverage-area[@coverageArea="Chennai"]/coverageAreaTAList	get-tracking-area-list	cps-cavsta-onap-internal	/ran-coverage-area/pLMNIdList[mcc={({mcc})}[mnc={({mnc})}]/coverage-area[coverageArea={({coverageArea})}]/coverageAreaTAList	
15	/api/sdnc-config-db/v4/rrmPolicy/{resourceType}/{resourceId}	ran-network	GET	1) /cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBCUCPFunction[@idGNBCUCPFunction='cupserver1']/NRCellCU[@idNRCellCU=15289]/attributes/RRMPolicyRatio 2) /cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBCUUPFunction[@idGNBCUUPFunction=1111]/attributes/RRMPolicyRatio 3) /cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBDUFunction[@idGNBDUFunction=110]/NRCellDU[@idNRCellDU=15700]/attributes/RRMPolicyRatio	1) get-nrcellcu-rrm-policy 2) get-cuup-rrm-policy 3) get-nrcelldu-rrm-policy	ran-network	1) /cps-ran-schema/NearRTRIC[@idNearRTRIC=({idNearRTRIC})]/GNBCUCPFunction[@idGNBCUCPFunction=({idGNBCUCPFunction})]/NRCellCU[@idNRCellCU=({idNRCellCU})]/attributes/RRMPolicyRatio 2) /cps-ran-schema/NearRTRIC[@idNearRTRIC=({idNearRTRIC})]/GNBCUUPFunction[@idGNBCUUPFunction=({idGNBCUUPFunction})]/attributes/RRMPolicyRatio 3) /cps-ran-schema/NearRTRIC[@idNearRTRIC=({idNearRTRIC})]/GNBDUFunction[@idGNBDUFunction=({idGNBDUFunction})]/NRCellDU[@idNRCellDU=({idNRCellDU})]/attributes/RRMPolicyRatio	