

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%20@mnc=%27410%27]/coverage-area[@coverageArea=%27Chennai%27]/coverageAreaTAList[@nRTAC=%27101%27] &include-descendants=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 (idNRCellIDU) b) /NRCellIDU[@idNRCellIDU=15289]/ancestor::NearRTRIC	get-nearrric-by-cellid	ran-network	Multiple queries support is required a) API (1) b) /NRCellIDU[@idNRCellIDU={{idNRCellIDU}}]/ancestor::NearRTRIC	
3	/api/sdnc-config-db/v4/nearRTRIC	ran-network		/ran-network/NearRTRIC[@idNearRTRIC=%2711%27]/attributes/pLMNInfoList[@mcc=%27310%27%20and%20@mnc=%27410%27]	put-nearrric	ran-network	{ "templatedId": "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=%27cucpserver1%27] /NRCellCU[@idNRCellCU=%2715289%27] /attributes/pLMNInfoList[@mcc=%27310%27%20and%20@mnc=%27410%27]	put-gnbcucpfunction	ran-network	curl -k -H "Content-Type: application/json" --request PUT 'http://10.31.4.14:8080/templates' --data-raw '{ "templatedId": "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/gNBUDU	ran-network	PUT	/cps-ran-schema/NearRTRIC [@idNearRTRIC=11]/GNBDUFunction	put-gnbdfunction	ran-network	/cps-ran-schema/NearRTRIC [@idNearRTRIC={{idNearRTRIC}}] /GNBDUFunction	same as above
7	/api/sdnc-config-db/v4/rRMPolicy	ran-network	PUT	1) /cps-ran-schema/NearRTRIC [@idNearRTRIC=11]/GNBCUCPFunction [@idGNBCUCPFunction=cucpserver1] /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]/NRCellIDU [@idNRCellIDU=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}}] /GNBDUFunction[@idGNBDUFunction= [[idGNBDUFunction]]]/NRCellIDU [@idNRCellIDU={{idNRCellIDU}}] /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	/NRCellIDU[idNRCellIDU=15700]/pLMNInfoList [@mcc="31"] [@mnc="42"]/sNSSAList [@sNSSAI="01-101010"]/ancestor::GNBDUFunction	get-gnbdfunction-by-snsai	ran-network	/NRCellIDU[idNRCellIDU={{idNRCellIDU}}] /pLMNInfoList[mcc={{mcc}}][mnc={{mnc}}] /sNSSAList[@sNSSAI={{sNSSAI}}] /ancestor::GNBDUFunction	

10	/api/sdnc-config-db/v4/du-cell-list/{sNSSAI}	ran-network	GET	/sNSSAList[@sNssai="01-101010"]/ancestor::NRCellIDU	get-nrcelldu-by-snsai	ran-network	/sNSSAList[@sNssai={sNssai}]/ancestor::NRCellIDU	
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/{ranNFSSId}}	ran-network	GET	//attributes/ranNFSSIdList/element[txt()="ac8ca1a9-e1ec-4480-8720-c74e92566885"]/ancestor::NearRTRIC	get-nearrtric-by-rannfnssi	ran-network	//attributes/ranNFSSIdList/element[txt()={ranNFSSId}]/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/rmPolicy/{resourceType}/{resourceId}	ran-network	GET	1) /cps-ran-schema/NearRTRIC[@idNearRTRIC=11]/GNBCUCPFunction[@idGNBCUCPFunction=cucpserver1]/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]/NRCellIDU[@idNRCellIDU=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}]/NRCellIDU[@idNRCellIDU={idNRCellIDU}]/attributes/RRMPolicyRatio	