

Topics for OpenFronthaul-Management-Plane

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Scope

This page should discuss the potential topic/streamIds on a message router (e.g. Kafka) for the O-RAN WG4 VES-messages as defined in O-RAN Alliance WG4 OpenFronthaul Management-Plane v11.

Notifications

Notifications and it topic mappings:

		Option 1	Option 2	Option 3
YANG (v11)	Notification	all the same topic	mapping to existing topics	individual topics
o-ran-trace.yang	trace-log-generated	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-trace:trace-log-generated
o-ran-antenna-calibration.yang	antenna-calibration-required	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-antenna-calibration:antenna-calibration-required
o-ran-antenna-calibration.yang	antenna-calibration-coordinated	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-antenna-calibration:antenna-calibration-coordinated
o-ran-antenna-calibration.yang	antenna-calibration-result	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-antenna-calibration:antenna-calibration-result
o-ran-antenna-calibration.yang	antenna-calibration-multiple-time-resource-params	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-antenna-calibration:antenna-calibration-multiple-time-resource-params
o-ran-supervision.yang	supervision-notification	OpenFront haul	SEC_3GPP_HEARTBEAT_O UTPUT or SEC_HEARTBEAT_OUTPUT	o-ran-supervision:supervision-notification
o-ran-fm.yang	alarm-notif	OpenFront haul	SEC_3GPP_FAULTSUPERVI SION_OUTPUT	o-ran-fm:alarm-notif
o-ran-beamforming.yang	beamforming-information-update	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-beamforming:beamforming-information-update
o-ran-beamforming.yang	capability-group-beamforming-information-update	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-beamforming:capability-group-beamforming-information-update
o-ran-beamforming.yang	predefined-beam-tilt-offset-complete	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-beamforming:predefined-beam-tilt-offset-complete
o-ran-externalio.yang	external-input-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-externalio:external-input-change
o-ran-software-management.yang	download-event	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-software-management:download-event
o-ran-software-management.yang	install-event	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-software-management:install-event
o-ran-software-management.yang	activation-event	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-software-management:activation-event
o-ran-troubleshooting.yang	troubleshooting-log-generated	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-troubleshooting:troubleshooting-log-generated
o-ran-uplane-conf.yang	tx-array-carriers-state-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-uplane-conf:tx-array-carriers-state-change
o-ran-uplane-conf.yang	rx-array-carriers-state-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-uplane-conf:rx-array-carriers-state-change
o-ran-sync.yang	synchronization-state-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-sync:synchronization-state-change
o-ran-sync.yang	ptp-state-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-sync:ptp-state-change
o-ran-sync.yang	synce-state-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-sync:synce-state-change
o-ran-sync.yang	gnss-state-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-sync:gnss-state-change
o-ran-laa-operations.yang	measurement-result	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-laa-operations:measurement-result

o-ran-performance-management.yang	measurement-result-stats	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-performance-management:measurement-result-stats
o-ran-ald-port.yang	overcurrent-report	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-ald-port:overcurrent-report
o-ran-ald-port.yang	dc-enabled-status-change	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-ald-port:dc-enabled-status-change
o-ran-file-management.yang	file-upload-notification	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-file-management:file-upload-notification
o-ran-file-management.yang	file-download-event	OpenFront haul	DCAE-SE-COLLECTOR-EVENTS-DEV	o-ran-file-management:file-download-event