MTNM Attribute Value Change & State Change Notifications

The following attributes (with the names as specified in the table below) should be reported via an Attribute Value Change (AVC) notification or a State Change (SC) notification as indicated. The table lists the minimum set of attributes for which the EMS is expected to provide AVCs/SCs; the EMS is allowed to provide AVCs/SCs for any other attribute of the objects, even if they are not listed in the table.

ObjectType	Attributes sending Attribute Value Change Notifications	Attributes sending State Change Notifications
OT_AID	Not valid	Not valid
OT_ASAP	userLabel nativeEMSName owner additionalInfo alarmSeverityAssignmentList	No applicable state attributes
OT_CALL	userLabel nativeEMSName owner networkAccessDomain callDiversity diversityViolations additionalInfo	callState
OT_CONNECTION	userLabel nativeEMSName owner networkAccessDomain asapPointer routeGroupLabel usingHomeRoute additionalInfo	connectionState
OT_CONNECTION_TERMINATION_POINT	userLabel nativeEMSName owner ingressTrafficDescriptorName egressTrafficDescriptorName tpMappingMode transmissionParams tpProtectionAssociation edgePoint aSAPpointer additionalInfo	connectionState, transmissionParams
OT_EMS	userLabel nativeEMSName owner additionalInfo aSAPpointer	No applicable state attributes

ObjectType	Attributes sending Attribute Value Change Notifications	Attributes sending State Change Notifications
OT_EQUIPMENT	userLabel nativeEMSName owner alarmReportingIndicator installedVersion aSAPpointer additionalInfo	serviceState
OT_EQUIPMENT_HOLDER	userLabel nativeEMSName owner alarmReportingIndicator holderType acceptableEquipmentList expectedOrInstalledEquipment location additionalInfo aSAPpointer	holderState
OT_EPROTECTION_GROUP	userLabel nativeEMSName owner reversionMode aSAPpointer protectedList protectingList additionalInfo	protectionSchemeState
OT_FLOATING_TERMINATION_POINT	userLabel nativeEMSName owner ingressTrafficDescriptorName egressTrafficDescriptorName tpMappingMode direction transmissionParams tpProtectionAssociation edgePoint aSAPpointer additionalInfo	connectionState, transmissionParams
OT_FLOW_DOMAIN	userLabel nativeEMSName owner networkAccessDomain transmissionParams additionalInfo	fdConnectivityState
OT_FLOW_DOMAIN_FRAGMENT	userLabel nativeEMSName owner networkAccessDomain transmissionParams aEnd zEnd additionalInfo	administrativeState fdfrState

ObjectType	Attributes sending Attribute Value Change Notifications	Attributes sending State Change Notifications
OT_GTP	userLabel nativeEMSName owner listOfTPs aSAPpointer alarmReportingIndication additionalInfo	gtpConnectionState
OT_MANAGED_ELEMENT	userLabel nativeEMSName owner location version productName supportedRates aSAPpointer additionalInfo	communicationState emsInSyncState
OT_MATRIX_FLOW_DOMAIN	userLabel nativeEMSName owner transmissionParams networkAccessDomain additionalInfo	transmissionParams
OT_MATRIX_FLOW_DOMAIN_FRAGMENT	transmissionParams	transmissionParams
OT_MULTILAYER_ROUTING_AREA	userLabel nativeEMSName owner superiorMLRA supportingMLSNs supportingMEName SupportingMEName additionalInfo	No applicable state attributes
OT_MULTILAYER_SNPP	userLabel nativeEMSName owner layeredSNPPList additionalInfo	No applicable state attributes

ObjectType	Attributes sending Attribute Value Change Notifications	Attributes sending State Change Notifications
OT_MULTILAYER_SNPP_LINK	userLabel nativeEMSName owner aTNAName zTNAName aTNAGroupName zTNAGroupName aMLRAName zMLRAName signallingParameters signallingControllerIdentifier signallingProtocol signallingEnabled cost availability linkSRG sNPPLinkList additionalInfo	No applicable state attributes
OT_MULTILAYER_SUBNETWORK	userLabel nativeEMSName owner supportedRates additionalInfo	No applicable state attributes
OT_PHYSICAL_TERMINATION_POINT	userLabel nativeEMSName owner direction transmissionParams tpProtectionAssociation edgePoint aSAPpointer additionalInfo	transmissionParams
OT_PMP	userLabel nativeEMSName owner pmParameterWithThresholdsList additionalInfo	monitoringState supervisionState
OT_PROTECTION_GROUP	userLabel nativeEMSName owner reversionMode apsProtocolType aSAPpointer additionalInfo	protectionSchemeState
OT_SNP	tnaName tPName	No applicable state attributes
OT_SNPP	tnaName groupTNAName rAId sNPList	No applicable state attributes

ObjectType	Attributes sending Attribute Value Change Notifications	Attributes sending State Change Notifications
OT_SUBNETWORK_CONNECTION	userLabel nativeEMSName owner retainOldSNC aSAPpointer aEnd zEnd additionalInfo	sncState
OT_TCA_PARAMETER_PROFILE	userLabel nativeEMSName owner tcaParameterList additionalInfo	No applicable state attributes
OT_TERMINATION_POINT_POOL	userLabel nativeEMSName owner transmissionParams additionalInfo	No applicable state attributes
OT_TOPOLOGICAL_LINK	userLabel nativeEMSName owner aSAPpointer additionalInfo	No applicable state attributes
OT_TRAFFIC_CONDITIONING_PROFILE	userLabel nativeEMSName owner layeredTrafficConditioningParameters additionalInfo	No applicable state attributes
OT_TRAFFIC_DESCRIPTOR	userLabel nativeEMSName owner additionalInfo	No applicable state attributes
OT_TRANSMISSION_DESCRIPTOR	userLabel nativeEMSName owner additionalInfo	No applicable state attributes

Revision History

Version	Date	Description of Change
3.0	October 2003	This is the initial version of this document and so there is no revision history to report.
3.1	March 2007	Converted into new SD template. "transmissionParams" added to v3.0 TPs for SC notifications (covering "TransmissionDescriptorState") Connectionless Technology related objects added. Control Plane related objects added.
3.2	February 2008	Changed aEndTPs and zEndTPs attributes of FlowDomainFragment to aEnd and zEnd respectively.

Acknowledgements

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How to comment on the document

Comments and requests for information must be in written form and addressed to the contact identified below:

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Please be specific, since your comments will be dealt with by the team evaluating numerous inputs and trying to produce a single text. Thus we appreciate significant specific input. We are looking for more input than wordsmith" items, however editing and structural help are greatly appreciated where better clarity is the result.