

Route Maintenance

Service ¶

ROUTE_MAINTENANCE (javadoc/org/arl/unet/Services.html#ROUTE_MAINTENANCE) – Route maintenance service

Agents offering the *Route Maintenance* service generate route discovery/change notifications to allow routing agents to maintain routing tables. They support a set of messages that are explained below.

Implementations

- RouteDiscoveryProtocol (javadoc/org/arl/unet/net/RouteDiscoveryProtocol.html) – provides route discovery and maintenance service by flooding

Requests and Responses

Request	Possible Responses	Description
RouteDiscoveryReq (javadoc/org/arl/unet/net/RouteDiscoveryReq.html)	AGREE, REFUSE, FAILURE	Request for route discovery to specified node
RouteTraceReq (javadoc/org/arl/unet/net/RouteTraceReq.html)	AGREE, REFUSE, FAILURE	Request for trace current route to specified node

Notifications

Notification	Topic	Description
RouteDiscoveryNtf (javadoc/org/arl/unet/net/RouteDiscoveryNtf.html)	default	Notification that a route has been discovered
RouteTraceNtf (javadoc/org/arl/unet/net/RouteTraceNtf.html)	default	Notification with a route trace to a node