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Description Algorithm that creates routes and protection paths based on the shortestPath (hops or km) making sure they are bidirectional and according to the logical topology. Link capacity is based on the number of wavelengths necessary with a user defined wavelength traffic capacity.

#### Parameters

Parameter	Value	Description
numberofroutes	10	Total number of routes p...
protection	no	1+1 protection (yes/no).
shortestPathType	hops	Each demand is routed ac...
wavelengthCapacity	100	Capacity per wavelength.