













	Reports are processed:	
	Router	
	Other interfaces	
[S, metric]		
	Adjusted metric=metric+interface cost	
	If Metric <inf &="" adjust="" metric≥inf<="" td=""><td></td></inf>	
	Set adjusted metric to inf	
	If Route is new and Adj metric <inf< td=""><td></td></inf<>	
	Add route to RT	
	Delete prune state of more general route	
	Elseif Route exists	
	If Received metric < inf	
	Check if Designated forwarder status for (S,G) changes	
	If Adjusted metric > existing metric	
	From same neighbor: update metric, Sch flash update for route	
	Elseif Adj.metric < existing metric	
	Update metric for the route	
	If sender was different, update RT, schedule flash updates	
	Elseif Adj.metric = existing metric: refresh route	
	Elseif Received metric =inf	
29 121/PKantolo/c01	Elseif Inf $<$ Received Metric $< 2 * inf$	

































On demand route calculations use Dijkstra's SPF-algorithm

- Calculation is rooted on the source not the router as for unicast
- For a new mcast, every router performs the same calculation
- Stub networks do not appear in MOSPF calculation (e.g router F)
- Tiebreaks for equal cost routes previous hop router that has highest address is chosen (e.g. G over E)

9 - 25

S38.121/RKantola/s01

