permenting entended Zen-ge t cases to me eparate AS nu o ena - topology <u>53</u> AS numb

6 500 0 83 selects noute vit lengt oming ON

ris claim, we is time in Ases to 40000 65000 e sa ath of Date.

y) This traises the following guestion: If there are two edge hauters in an AS such as the following. AS-Path Lingth? AS_lath length and si enecures an As- lath length 3 and then to the nonter gives more preference to goes through its own As, Us, should select the path through sa, and of should select the path through SI, respective of path.

This raised a fruither problem If a packet aurives at sz, it will meder the it will distect it to st, which might will again redired it to sa, forming a loop. To check this out we checked and the following topology: 1 As Path Lungth 2 53, sy enalge hontos \$1,12 > quagga nanturone Voth stand sa selected the shorter route through the conclusio there can be p spion paths a / invalid pa longer paths inpo guons aths ON

Date