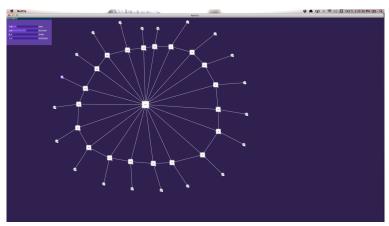
Analyzing the Number of Updates Sent

October 5, 2013

The topology used is shown below.



The total number of updates sent as a function of the number of routers in the topology is contained in the array:

 $\begin{array}{c} [51,\,92,\,145,\,219,\,299,\,391,\,495,\,611,\,739,\,879,\,1031,\,1195,\,1371,\,1559,\,1759,\\ 1971,\,2195,\,2431,\,2679,\,2939,\,3211,\,3495,\,3791,\,4099,\,4419,\,4751,\,5095,\,5451,\\ 5819,\,6199,\,6591,\,6995,\,7411,\,7839,\,8279,\,8731,\,9195,\,9671,\,10159,\,10659,\\ 11171,\,11695,\,12231,\,12779,\,13339,\,13911,\,14495,\,15091 \end{array}$

The plot of this data is shown below.

