1: For all requests in the time window, set the ones that did not expire yet but classified with `MAP_FAILED` to `NEW`.
2: Release the substrate resources that were occupied by `DONE` requests. Refresh the redundant network.
3: **repeat**
4: Get G_i^V that has the maximum revenue from all `NEW` requests in the time window.
5: Map the nodes of G_i^V using the node mapping algorithm.
6: **if** `MAP_NODE_SUCCESS` **then**
7: Map the links of G_i^V using the link mapping algorithm.
8: **if** `MAP_SUCCESS` **then**
9: Occupy the substrate resources. Refresh the redundant network.
10: Set the state of G_i^V to `MAP_SUCCESS`.
11: **return**
12: Set the state of G_i^V to `MAP_FAILED`.
13: Release the occupied resources of G_i^V.
14: **until** There is no more `NEW` requests in the time window
15: **return**