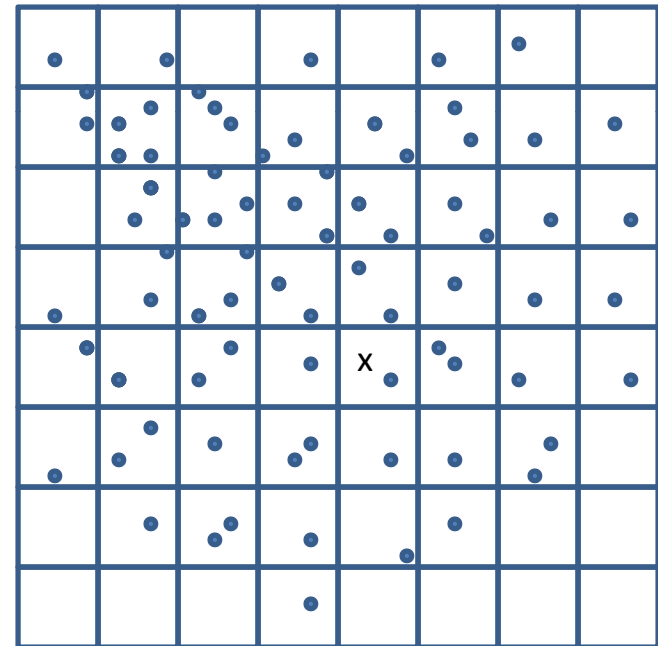


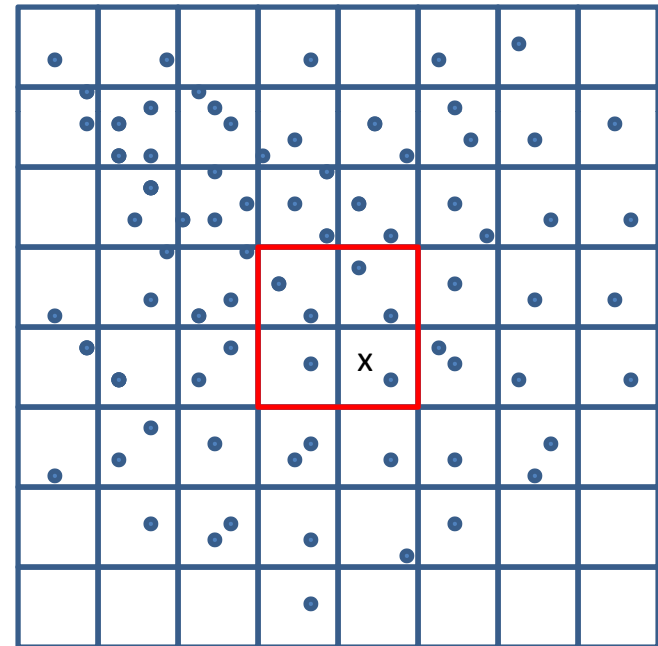
Privacy in LBS: Review

- Find the set of points to be returned under CASPER if $K=5$ (ignore A)
- X – user location



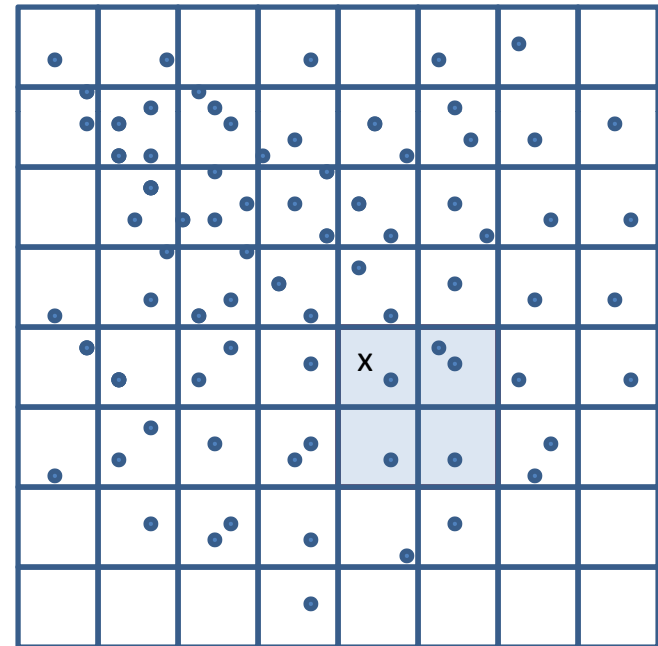
Location Anonymizer

- What is the appropriate region?



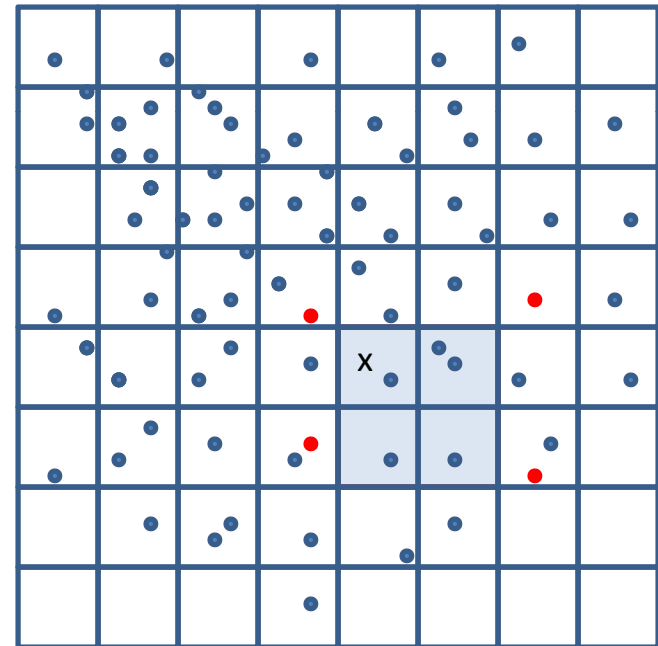
Location Anonymizer

- The appropriate spatial cloaking is the region in blue

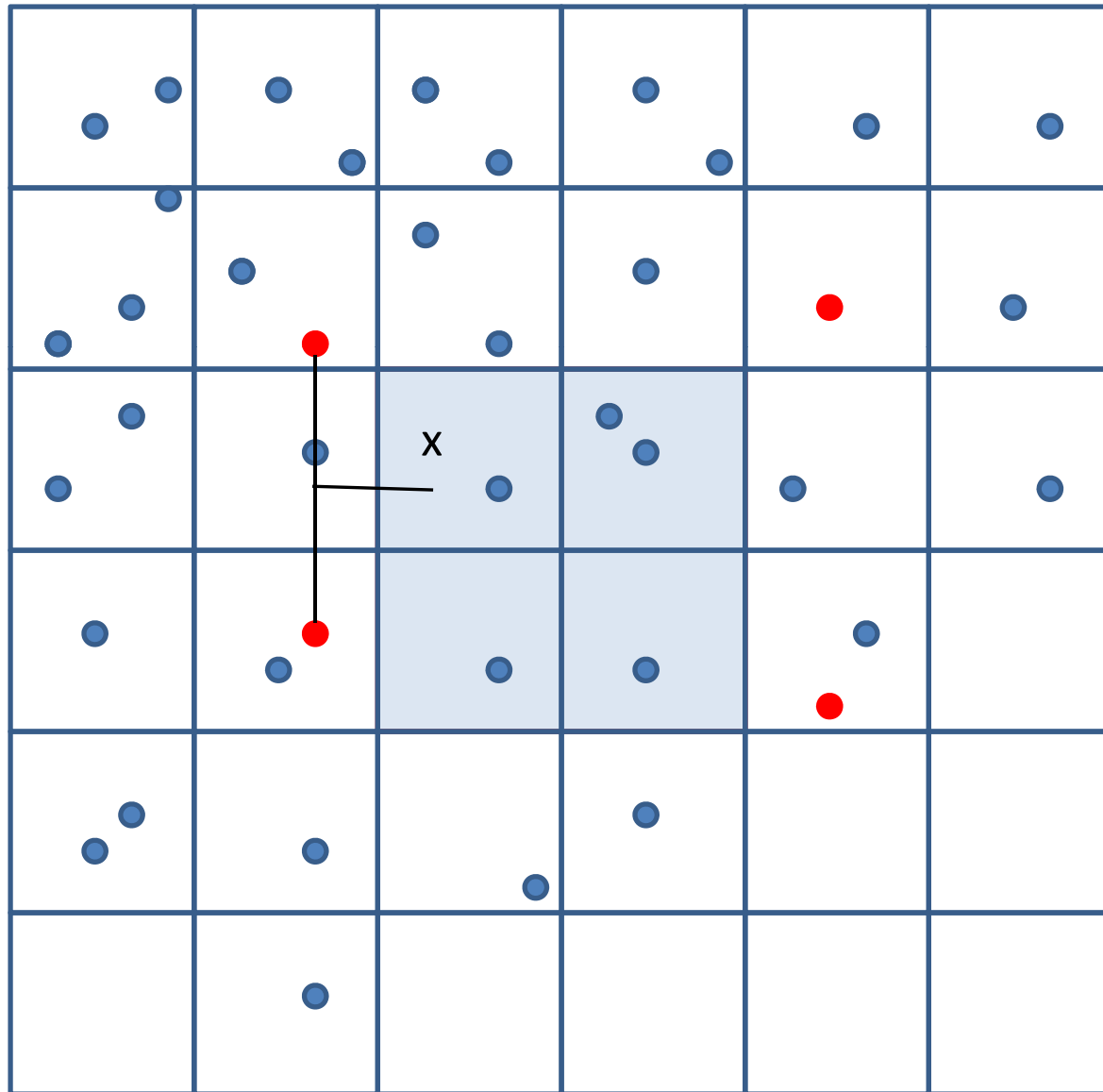


Privacy Aware Query Processing

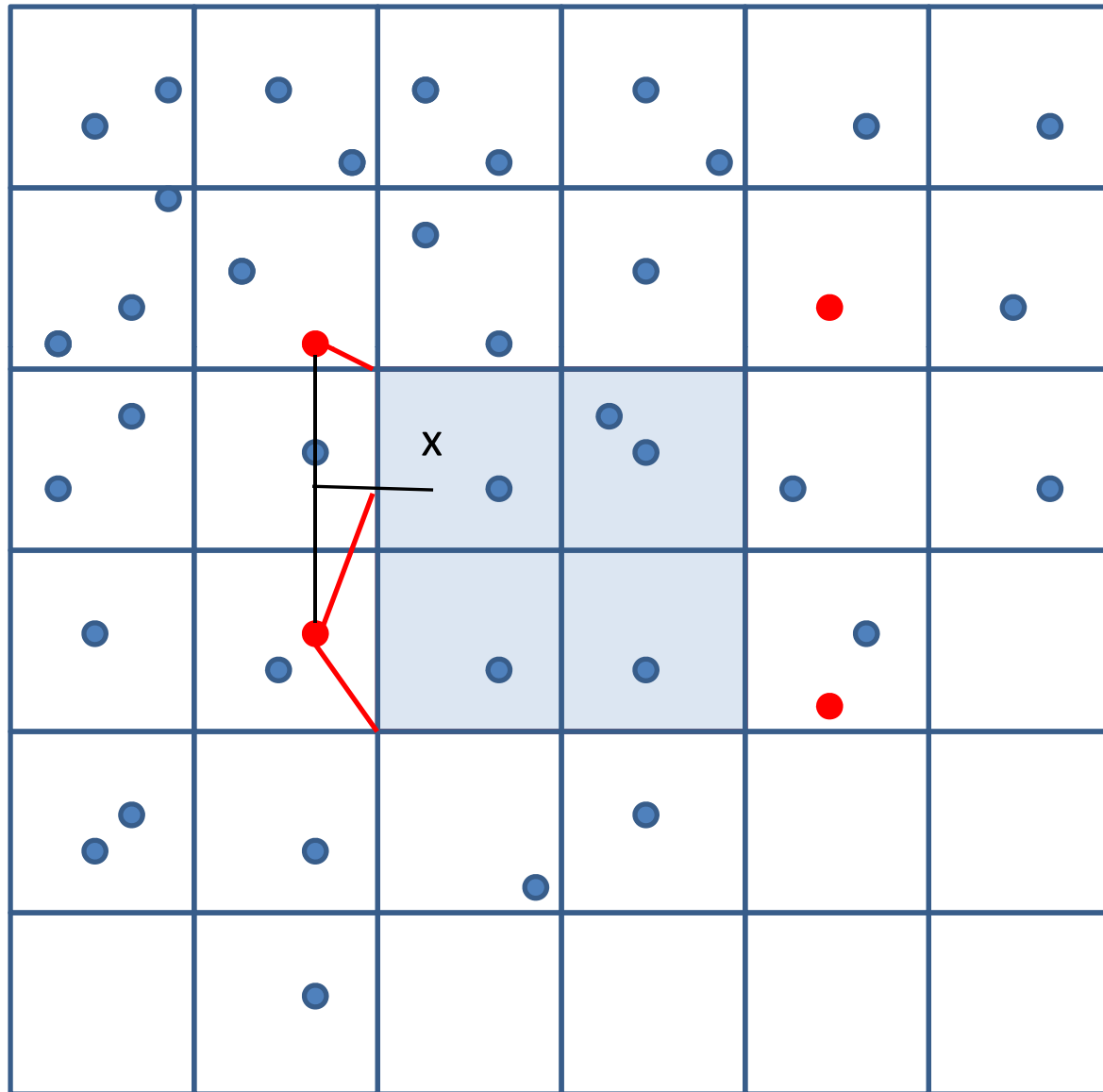
- Step 1: Find the 4 filters



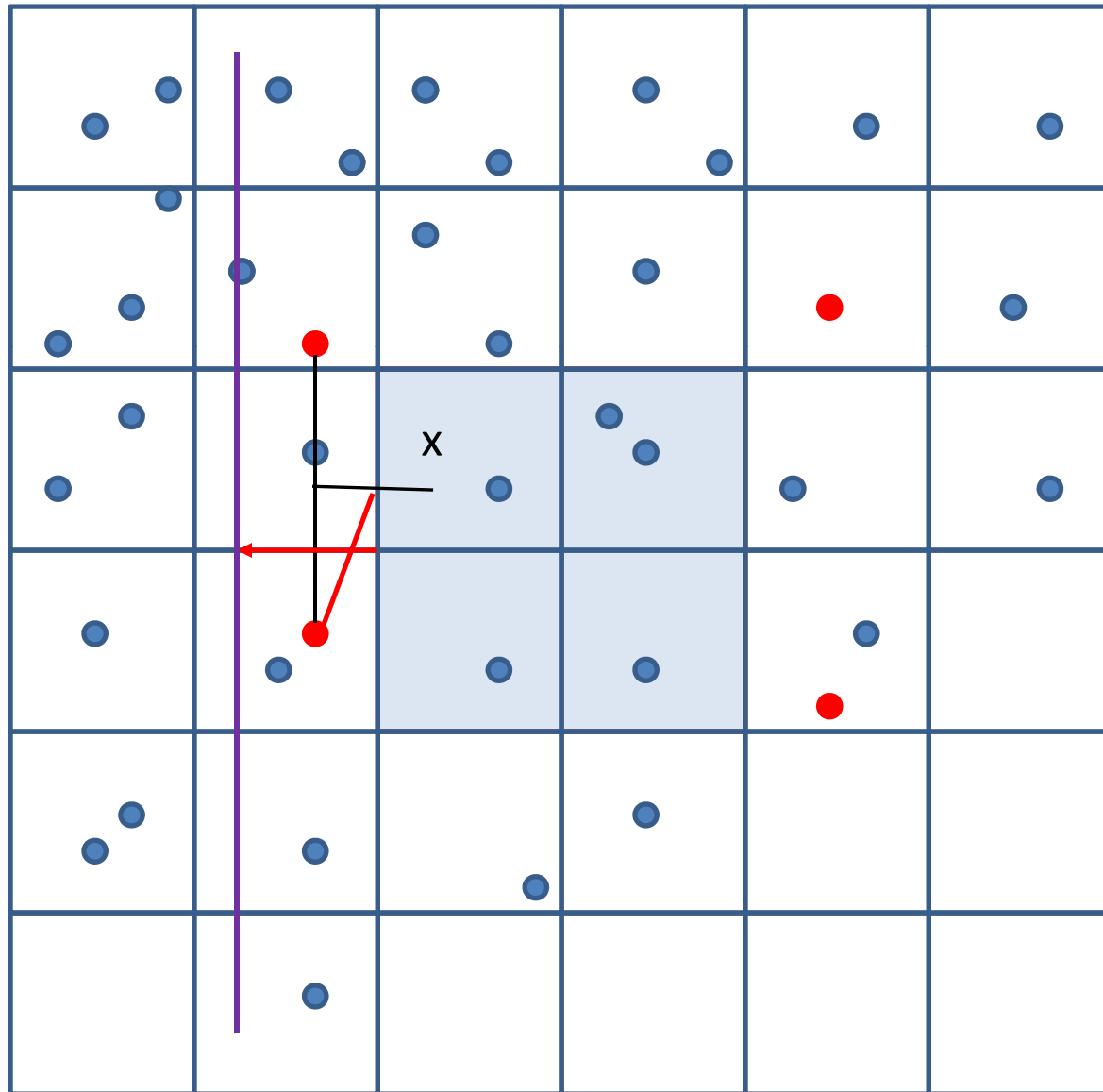
Step 2: Find “middle” points



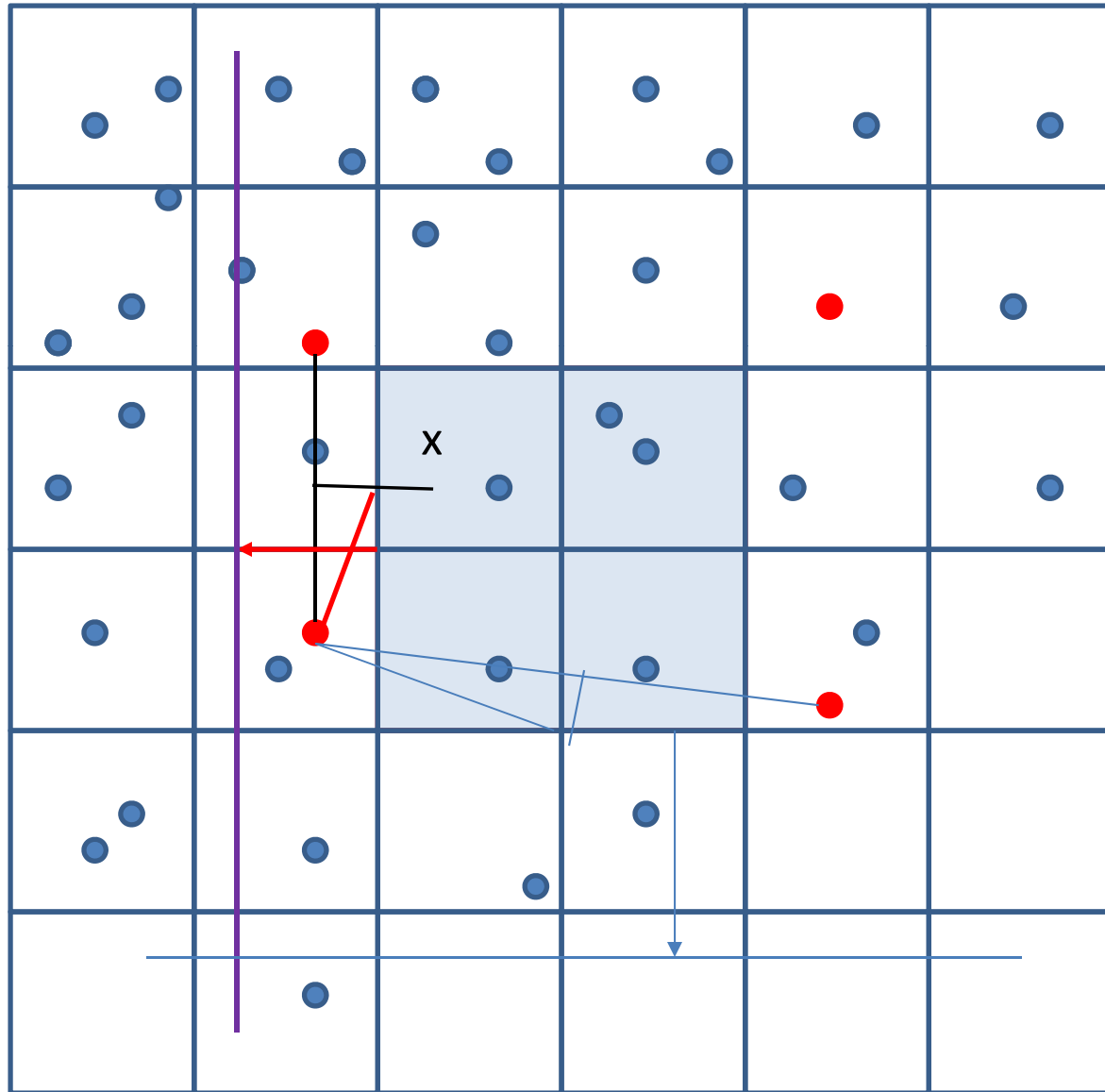
Step 3: Extend the edge



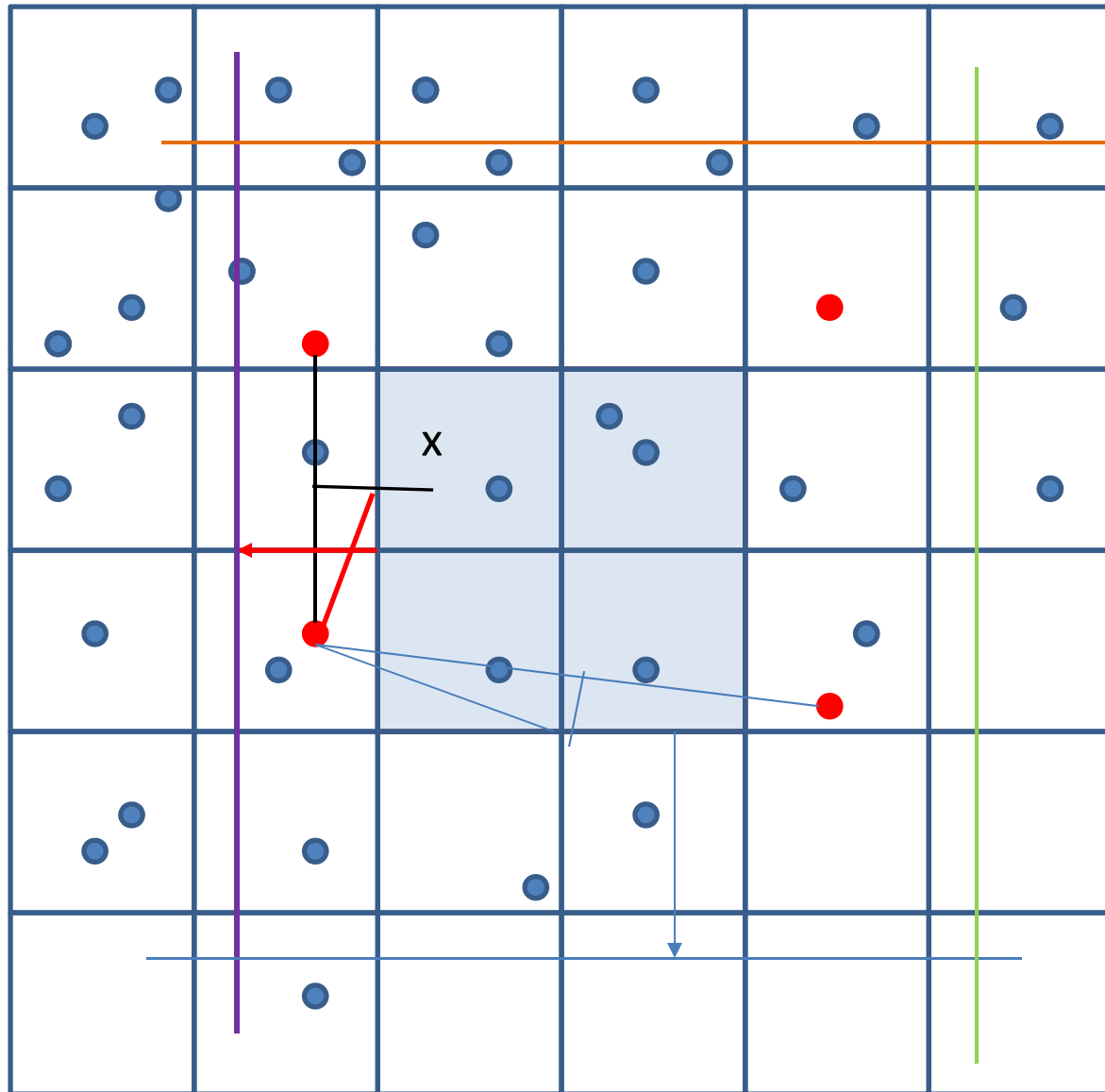
Step 3: Extend the edge



Repeat for other edges



Repeat for other edges



22 points are returned!

