









































Auburn University Computer Science and Software Engineering

- A client first identifies the Hilbert values covered by the range query based on the parameters of SEK_P.
- The client queries the service provider for retrieving the objects covered by the query range.

 After receiving the query result set *R*, the client first filters out objects encrypted with SEK_S and verifies the validity of all the remaining objects with their attached signatures.

• If all the objects in *R* are valid, the client generates an auditing range query Q_A with the same query range size as Q_R and the parameters of SEK_S .

Wei-Shinn

















Name	Number of POIs	Source
Uniform	10 163	Synthetic
Skewed	10, 163	Synthetic
Los Angeles (LA)	10, 163	NAVTEO
California (CA)	62,556	US Census Bureau
North America (NA)	569,120	US Census Bureau











