We construct a noncommutative generalization of canonical group quantization. First, I will explain how this framework of quantization is constructed by considering a Lie group $G$ acting by symplectic transformation on a symplectic manifold $M$ and by finding a map $P : g \to C^\infty(M)$. I will then explain how 2-cocycles enters into the quantization picture as obstructions. All of these will be demonstrated using the noncommutative tori and the noncommutative spheres as examples.