

Graphical Databases for IoT Device Management and Anomaly Detection

Colter Snyder

Department of Computer Science

Colorado School of Mines

Golden, Colorado, USA

csnyder1@mines.edu

Abstract—IoT devices have exploded in use over the past few years. This has caused concerns over data privacy and security. Many papers have been written to detect IoT devices and catalog them, however none use a graphical database in order to do so. Using a graphical database provides many benefits over current systems and allows for new questions to be answered.

Index Terms—IoT, graphical databases, databases, systems

I. INTRODUCTION