the privilege level should be maximum (i.e., 0.8). If the behavior is 0, then the privilege level should be minimum (i.e., 0.2). If the behavior is between 0 and 1, the privilege level will be computed using Equation 1. Hence, it will be any value between 0.2 and 0.8. Under no circumstances will the privilege level be higher than 0.8, or lower than 0.2. The ideal curve for the simulated behavior is illustrated by a solid red line in Fig. 2.

The efficacy of a Trust Management (TM) mechanism will be measured by how well it can mimic the ideal curve as closely as possible. The ideal curve, therefore, represents the yardstick against which a TM implementation can be compared. Of course, in this simulation setup, we know the exact behavior of a node; but in an actual setting, we would need to estimate it using the feedbacks obtained from other nodes through the underlying RS.

We used an implementation of the Support Vector Machine (SVM)-based RS that we proposed in a previous study [22] because of the following reasons:

1. This RS has been shown to perform well with varying patterns of malicious behavior and varying