

Jason Cross

Title: The CDC in a box project

Abstract:

ISU held the first Cyber Defense Competition (CDC) in the spring of 2005. Since then, the number of competitions per year has grown, as well as the complexity of the competitions. As cyber security becomes increasingly important to both the public and private sectors, other higher learning institutions may wish to run their own CDCs. In order to support such efforts, we are developing the CDC in a box. This project would provide software, tools, and support to help other institutions run CDCs. As part of this effort, I identify short comings of the current ISU CDCs and provide solutions along with results. In addition, the core tools and software needed to create the CDC in a box are introduced, as well as the motivation behind their creation.