

Is there a pathway to a Green Grid Computing Infrastructure?

Simon See

Director, Global HPC/Grid Solution Systems Practice Sun Microsystems Inc.

Abstract

Over the last few decades, with the advancement of technology and the decreasing cost of semiconductor has propel a surge in usage of high performance and grid computing. Both the commercial and national research centers have increased their productivity through the use of Grid technology. However this come at a price - power for the infrastructure and also to cool it. Less than 1/3 of the data centers in the world are able to handle future needs.

In this talk, the author will discuss about the trends in Grid/High Performance computing technology and possible pathway to a more eco-friendly grid computing environment.