Virtualization Planning

Enterprises are under constant pressure to ensure that their systems meet the performance and response time requirements of the end user. They must support changing business environments, changing usage patterns, system consolidation, server virtualization, as well as new applications. They need to avoid service level violations without over provisioning or under provisioning their systems.

IT Guru Systems Planner enables server capacity planning by modeling systems configurations and workloads, and predicting the impact of new application deployments, changes in workload profiles, and performance tuning. Leveraging IT Guru Systems Planner’s integration with leading third-party server performance monitoring tools, organizations can automate daily server capacity to support growth, server consolidation and virtualization, and application deployment.

Key Features

- Plan server utilization by prioritizing the initial and future host capacity required to meet the performance SLAs of virtual guests.
- Select from pre-defined vendor-specific server models that embed performance ratings from standard Performance Evaluation Corporation (SPEC), or model a customized server configuration.
- Leverage the measured performance statistics from existing third-party server monitoring solutions.
- Apply advanced planning algorithms to automatically and accurately characterize application workloads.
- Predict the performance impact of application architecture changes during the development lifecycle with the integrated visualized test.
- Integrate with OPNET’s VACE™ Analysis and IT-Scale Network Planner for end-to-end capacity planning and performance management.

Investigate and analyze the profiled workloads, and characterization of operational workloads when considering new server, cloud or virtual infrastructure costs.