

DevOps Optimization for Servers with ITBI

OBJECTIVE

While the primary focus of DevOps is getting applications in production with increased agility, it is also important to understand the capacity and performance implications of rolling out new applications or making changes to existing ones. The developers often only have a limited basis to estimate production capacity requirements. In some cases, this means too little capacity in production - resulting in performance problems and unhappy users. But the opposite is also all too often the case. The servers are set up with much more capacity, and much higher cost, than required. ITBI creates transparency into which servers are over- or under-utilized and identifies rightsizing and cost savings potential.

The objective of this offering is to provide a common basis for dialog between the developers and the operations team about server capacity utilization and to identify rightsizing and cost savings potential.

WHAT WILL WE DELIVER?

SMT Data installs an ITBI collector program on a server in the Customer's environment. The ITBI collector gathers data about configured and used capacity and performance from each Windows and Linux server for a period of 2-3 weeks. This data is safely uploaded to a cloud-based data warehouse and made available for analysis in ITBI via a browser. The technical data is enriched with business mapping data, identifying which part of the organization a server belongs to and which applications are running on it.

SMT Data consultants analyze the data and document the findings and recommendations.

The Customer receives a final report including:

- an indication of the capacity utilization and rightsizing potential seen from the server perspective, but also from the organizational and application perspective based on the business mapping
- a prioritized list of rightsizing recommendations and expected results
- specific examples showing detailed utilization reports for selected servers
- overall conclusion and recommended next steps

A workshop is held with the customer to go through the findings and recommendations.

The Customer is provided access to the ITBI environment on a cloud server for a period of one month to do further analysis or better understand the findings and recommendations.

TIME FRAME

The final report is normally delivered one month after the pre-requisites are in place.

The ITBI reporting environment and gathered data are available to the customer for one additional month after the delivery of the final report.

CUSTOMER REQUIREMENTS

The Customer provides a server and the necessary authorizations for installation and execution of the collector software.