Overview

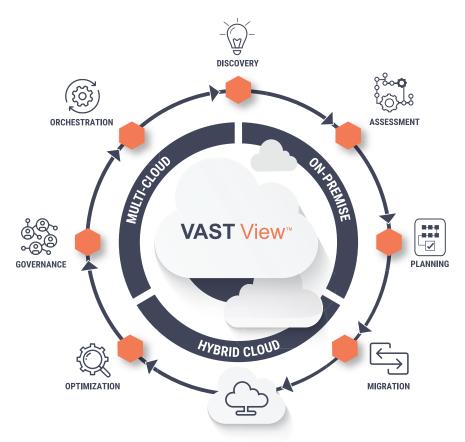VAST Discovery and Assessment Service delivers the analysis and planning required to create a solid foundation for enterprise cloud adoption or expansion. This service is a critical step for customers planning to integrate public or hybrid-cloud solutions into their computing infrastructure.

Deciding the what, where, when, and how of a transition to the cloud is essential to optimizing cost and reducing risk. VAST discovery and assessment service answers these questions with quantitative and qualitative analysis combined with actionable results.

The VAST services range from simply analyzing the existing computing inventory for cloud readiness, to roadmap generation, application mapping, vendor analysis, cloud-architecture, and migration planning. The assessment lays the groundwork to help customers maximize their current infrastructure efficiency, plan for private, public, or hybrid cloud, create financial justification, get true-cost pricing, and reduce migration risk.

Key Benefits:

- Deep visibility into inventory
- Workload and App analytics
- Low-intrusion, secure data collection
- Qualitative and quantitative analysis
- Pre-processed reports & results
- Advanced Cloud-Fit analysis
- Network dependency mapping
- Fast results in less than two weeks
- Scalable to 1000's of workloads

Comprehensive Coverage

The discovery and assessment uses quantitative and qualitative analytics to plan your cloud strategy.
These include:

Quantitative

- Machine Analytics
- Cloud-Fit Scoring
- Network & Asset Dependency
- Application Analytics
- Migration Risk Scoring

Qualitative

- Business Drivers
- Business Priorities
- Application Profiling
- Legacy asset lifecycles
- TCO & True Cost Analysis
- Human Capital Analysis

DISCOVERY · ASSESSMENT · PLANNING · MIGRATION · OPTIMIZATION · GOVERNANCE · ORCHESTRATION

ASSESSMENT DELIVERABLES	DESCRIPTION
Infrastructure and Application Discovery	Discover workloads in your environment, with inventory profiles for Windows and Linux to get a complete picture of your infrastructure.
Inventory Analysis	Hardware and application performance, network dependency and a cloud-fit profiling of your target inventory.
Performance and Metrics	Information such as average daily memory and CPU usage, maximum recorded IOPS, utilized storage is gathered.
Application Inventory	Inventory will be compiled for applications that exist within the environment, which may be scored for PaaS and SaaS opportunities.
Network Dependencies	Network adapters and IP addresses associated with scanned machines.
Cloud Readiness	Identify assets that are better or less suited for migration to the cloud.
Delivery Modeling (PaaS, IaaS, SaaS)	Determine level of readiness for an asset and it's fit in public cloud.
Remediation Scoring (IaaS)	Determine which workloads can be immediately moved to the cloud. Determine which workloads will likely need some sort of remediation prior to any migrations.
Software Reports	VAST will report on all software installed within the environment, which will assist with cloud readiness and PaaS scoring.
Financial Analysis	Cloud TCO vs. private infrastructure, and cloud compute cost comparisons with benchmark data center costs.

Choose VAST to Plan and Perform your Migration

The VAST Discovery and Assessment Service is the initial step in your cloud migration journey. It helps answer the 'what to move, where to move it, and why move it in the first place' questions. With those insights in hand, migration planning can begin with emphasis on 'what to do first and how to make it happen'. VAST's Planning and Migration services will help you answer those questions, and turn your migration plans into reality.

Once your workloads are in the cloud, VAST Cloud Management services can help you control costs, set policy and governance, and optimize your cloud environment with best-practices that will improve ROI and mitigate risk.

For more information on VAST Migration and Cloud Management services, visit us at **www.vastITservices.com** or call **800.432.VAST**.