

# INTERSCAPE TECHNOLOGIES INC.

Storage Systems Architecture & Performance Experts



Interscape's **Performance As A Service™ (PAAS)** offerings provide systems and storage Capacity Planning and Performance Utilizations across the data center hardware resources in easy to visualize fashion. Raw data from various SAN components is used to measure and monitor the current resource utilizations, capacity availability, response time, and also pro-actively help identify issues before they impact the end-users. Interscape Services uses the proprietary tool *Perfonics™* and its methodologies and modeling capabilities to show current performance utilizations and future capacity trending. These assessments can be done one time as needed, or on recurring basis. *Perfonics™*- PAAS tools is available as a cloud based Software as a Service application also.

Interscape has been providing Performance As A Service™ offerings since year 2008 and has completed many enterprise size projects using the PAAS methodologies.

Our **Performance as a Service™ (PAAS)**, offerings suite includes:

## Solutions

- **Performance As A Service™ (PAAS)**, - Cloud Based Performance Tool called *Perfonics™* for Systems and Storage Analysis
- Performance Analysis Reports on Request
- Enterprise Storage Utilization Reports for EMC Storage Systems
- Performance Utilization Reports for Systems and Storage
- Performance Analysis - Findings & Recommendations
- Network Latency Analysis for Enterprise Applications

## Services

- Performance Analysis of Storage systems using the *Perfonics™* Methodology
- OS Performance Analysis
- Enterprise Storage Systems Performance Assessments (One-Time, Monthly, Quarterly, Yearly)
- Application Performance Profiling for Tiering Recommendation (RAID levels)
- Replication Bandwidth Analysis (EMC SRDF/S, SRDF/A, SANCOPY, Mirrorview etc.)
- Custom Enterprise Capacity Utilization Reports

## Consulting Services

- SAN Data Migration Planning
- Storage array consolidation planning
- Data Migration Services
- Storage Provisioning canned script generation for migration projects
- Storage Administration Services
- Performance Trouble Shooting for Applications

## About Interscape:

- ❖ 15+ years of Storage industry experience
- ❖ Offices in Piscataway, NJ and New Delhi, India
- ❖ Executed multiple projects in Capacity Management & Performance Analysis for up to 10 PetaByte of storage and 10000 SAN ports
- ❖ An EMC portfolio services partner

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Perfonics™ is a Cloud Based Performance Tool developed by Interscape based on its experiences over the last 15 years in the area of Storage Performance.

Perfonics™ enables quick turn-around of large enterprise assessment projects in an efficient and time bound manner. Perfonics™ works with performance data from Storage and Systems for example, EMC SPA, EMC WLA, IBM TPC, EMCGrabs, Iostat, SAR, Perfmon etc. to provide an end-to-end performance view.

#### Storage systems:

- ❖ EMC VMAX, Symmetrix, Clariion, Centera
- ❖ Hitachi USP, USP-V, IBM DS8000, SVC

#### OS:

- ❖ Solaris, Linux, AIX, HP/UX, Windows

#### Assessment frequency:

- ❖ One time, Monthly, Quarterly, Yearly

#### Reports include:

- ❖ High level dashboard with utilization views
- ❖ Detailed end-to-end view of total storage enterprise environment
- ❖ Component Issues dashboard
- ❖ Over 60 different reports available

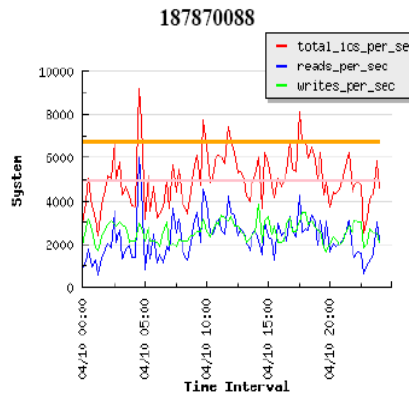


Fig 3.1

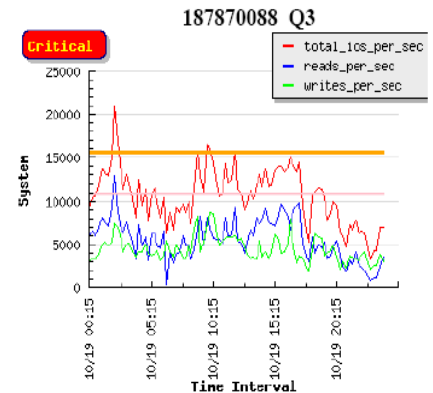
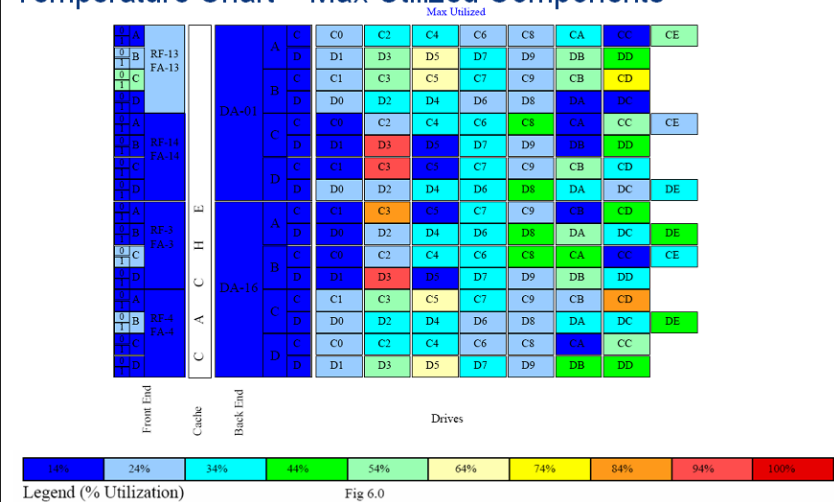


Fig 3.2

## Temperature Chart – Max Utilized Components



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