



DPACK: Dell Performance Analysis Collection Kit

A platform- and vendor-agnostic method of measuring server workload utilization

Right-size your environment with insight from DPACK

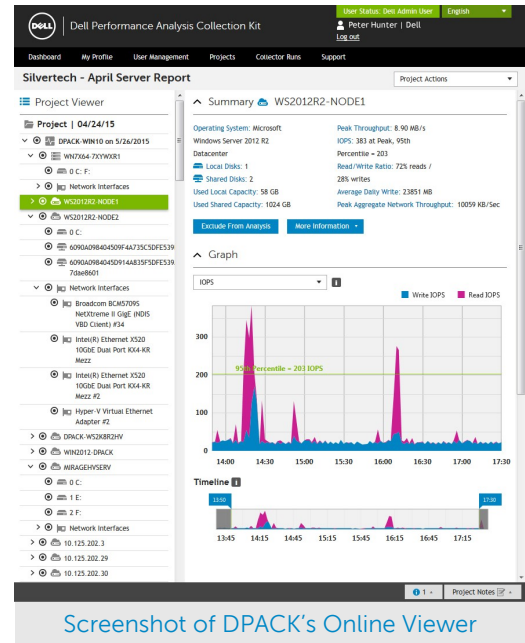
All too often, consumers of Enterprise hardware or Cloud space overbuy due to lack of insight associated with their actual workload utilization.

Your requirements are unique to you. DPACK gives you a safe and simple way to record, visualize, and collaborate with others to enable data-driven decision.

DPACK or Dell's Performance Analysis Collection Kit is the *de facto* standard to record and communicate platform and vendor-agnostic requirements. Using a secure, cloud-based analytics engine, DPACK processes hundreds of thousands of performance statistics and delivers a graphical representation of your compute utility.

How can DPACK help IT Professionals?

- Easily and accurately discovery insight for these 5 categories:
 - CPU
 - Networking
 - Memory
 - Storage Capacity
 - Storage IO
- Map previous-generation hardware to modern platforms
- Create simulations of combining workloads to a converged environment or cloud
- Provide clear insight to workloads during a support case
- Document showback or chargeback utilization to business units



Screenshot of DPACK's Online Viewer

Insight On Demand

“We consistently see businesses coming to us stating requirements that are sometimes 2-3 times what they really need.

Without DPACK there is just no good way to know the reality of what's needed. Honestly, running DPACK is a benefit for me and for my customers. It just takes away all the guesswork.”

– Justin Giardina CTO of iLand.com Cloud Hosting Services

How DPACK works:

DPACK's **Collector** streams performance data to the **Online Analytics Engine** that will crunch and blend workload characteristics from the most popular operating systems and virtualization environments. That data is then delivered as an easy to read and browsable summary you can use to drive decisions.

DPACK works in 3 easy steps:

Collect

The first step is to use DPACK's collector to begin a point-in-time capture of one or more servers. The collector supports remotely recording multiple servers from multiple different platforms from 4 hours to 7 days. The Collector is agentless, runs only in memory and makes no modifications to servers while it gathers data with near zero overhead using common administrative protocols that generally require no "Change Control" or firewall modifications.

View

The data is then streamed or uploaded and can be visually explored in near real-time by accessing the online Viewer. The Viewer is an HTML5 navigation console that supports phone, tablet, or browser and allows quick access to the graphs and calculations supplied by the DPACK analytics engine.

Collaborate

Most businesses will make decisions in teams, with consultants, or in coordination with manufacturers or their partners. The Viewer platform allows the secure sharing of performance insight between those involved in a decision cycle or helping to resolve a support case (so long as they also have a DPACK account).

Good news is that DPACK accounts are free and you can get one today: <http://dpack2.dell.com/register/today>

Below is a sample of DPACK's Online Viewer

The information is broken down into three major categories — server navigation, analytics summary, and insight graphs:

