🖶 Print

How to test performance on PowerEdge servers with Iometer

Summary: How to test the performance of Dell PowerEdge servers with IOMeter

Article Content

Instructions

Iometer is both a **workload generator** (it performs I/O operations in order to stress the system) and a **measurement tool** (it examines and records the performance of its I/O operations and their impact on the system). It can be configured to emulate the disk or network I/O load of any program or benchmark, or can be used to generate entirely synthetic I/O loads. It can generate and measure loads on single or multiple (networked) systems.

1. Description

The tool consists of two programs, **Iometer** and **Dynamo**.

- **Iometer** is the controlling program. Using Iometer's graphical user interface, you configure the workload, set operating parameters, and start and stop tests. Iometer tells Dynamo what to do, collects the resulting data, and summarizes the results in output files. Only one copy of Iometer should be running at a time; it is typically run on the server machine.

- **Dynamo** is the workload generator. It has no user interface. At Iometer 's command, Dynamo performs I/O operations and records performance information, then returns the data to Iometer. There can be more than one copy of Dynamo running at a time; typically one copy runs on the server machine and one additional copy runs on each client machine.

2. Documentation

Iometer on Windows   **Iometer and Dynamo on Linux**

For testing the performance on Windows systems, Iometer can be installed and started directly.
An additional installation of Dynamo is not necessary. Below you find instructions for installing the tool and for starting the test procedure.

Installation of Iometer	⌄

Start the test procedure in Iometer	⌄

Article Properties

Affected Product

PowerEdge, PowerVault

Last Published Date

17 Sep 2021

Version

5

Article Type

How To