

## VMware VMmark® 2.5 Release Notes

VMmark 2.5 | 16 Nov 2012 | Build 11162012

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### What's New in VMmark 2.5

The notable changes in VMmark 2.5 include the following:

- Addition of optional power measurement for servers and server+storage.
- Addition of support for clients (including the prime client) running Windows Server 2008 Enterprise Edition 32-bit.
- Addition of support for the VMware vCenter Server Appliance.
- Addition of support for STAX version 3.5.\*.
- Addition of a new Turbo Mode (producing non-compliant 30-minute runs).
- Addition of support for VMmark 2.5 message and results delivery via Growl/Prowl.
- Addition of VMmark2 PowerCLI service.
- Improved reporting of warnings and errors.
- Addition of support for PowerCLI 5.1.
- Improved pre-run initialization checking.
- Improved process parallelism.
- Improved VMmark Reporter functionality.
- Improved scoring output and formatting.
- Improved environmental information collection.
- Updated workload virtual machine templates made from SLES for VMware, a free use version of SLES 11 SP2. For more information click [here](#).
- Miscellaneous improvements and bug fixes.

### Upgrading From VMmark 2

Benchmarkers upgrading from an earlier VMmark 2.x release can reuse existing workload virtual machines if they were built according to the instructions in the Benchmarking Guide.

The following changes are needed, however, for existing VMmark 2.x client systems:

On the prime client, perform the following steps:

1. Verify that STAF on the prime client is configured to start in the foreground (that is, to start at login instead of at computer start). For more information see the section titled “Configure STAF to Start Automatically” in the benchmarking guide.
2. Unzip the VMmark 2.5 kit to C:\.
3. Rename the existing C:\VMmark2 directory to C:\VMmark2-<version>.
4. Copy the C:\VMmark2.5-<build>\VMmark2 subdirectory to C:\.
5. Change to the C:\VMmark2\tools directory.
6. Configure the Prime Client for the VMmark2 PowerCLI Service:
  - a. Unzip VMmark2-RMQ-Installer-v1.2.zip into C:\VMmark2\tools\.
  - b. Open a Windows Explorer Window and change to the C:\VMmark2\tools\VMmark2-RMQ-Installer directory.
  - c. Double click VMmark2-RMQ-Installer-Step1.bat.
  - d. Double click VMmark2-RMQ-Installer-Step2.bat.
7. Review the new C:\VMmark2\VMMARK2.CONFIG for new entries.

Copy the C:\VMmark2.5-<build>\vclient subdirectory to C:\ on all clients in the test environment, including the prime client, the tile clients, and (if present) any PTD clients. There is no need to remove the existing vclientN directory unless storage space is an issue.

Finally, reboot all clients, including the prime client.

## Notices

- As of VMmark 2.5, prime clients running Windows Server 2003 are no longer supported. Upgrading existing Windows Server 2003 prime clients to Windows Server 2008 is allowed. Refer to Microsoft documentation for upgrade instructions.
- As of VMmark 2.5, the minimum STAF version is 3.4.10.
- As of VMmark 2.5, the minimum STAX version is 3.4.5.

## Known Issues

- There are no known issues.

## Further Information

- For further information, contact VMware at [vmmark-info@vmware.com](mailto:vmmark-info@vmware.com).