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# Machine / Job Features Specification

## Introduction

In 2015/2016, the MachineJobFeatures WLCG task force produced a revised specification which has been published as HEP Software Foundation technical note HSF-TN-2016-02 [↗](#).

The previous proposal from 2014 is still available in this Twiki.

## Changes

- The specification has been reformatted into LaTeX for publishing in PDF with HSF
- All key names are now purely lowercase letters, digits and underscores.
- GB/MB are replaced by bytes for memory and storage
- Processor=CPU terminology consistent with the WLCG IS TF and APEL are used
- `grace_secs` has been added to complement shutdowntime and allow jobs to decide whether to start an uninterruptible block of work.
- `job_id` has been added for the batch job ID or the VM UUID.

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This topic: LCG > MachineJobFeaturesSpec

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