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OPERATING SYSTEMS EFFICIENCY IN CLOUD ENVIRONMENTS

ABSTRACT *This paper presents performance comparison of operating systems running on different cloud environments. The main focus is to compare the performance of the cloud systems: Eucalyptus, Nimbus and virtual system. The performance, of the encountered at the present time solutions of the cloud and virtual systems, is considerably closer to the operating system installed locally. The results of the carried out tests show that in some areas the system installed locally performs better, but in the high throughput computing the cloud environment points out.*

Keywords: *virtualization, cloud computing, Eucalyptus, Nimbus*