

Open Cloud Testbed: A Testbed for the Research Community Exploring Next-Generation Cloud Platforms

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Cloud testbeds are critical for enabling research into new cloud technologies - research that requires experiments which potentially change the operation of the cloud itself. Several such testbeds have been created in recent past (e.g., Chameleon, CloudLab, etc.) with the goal to support the CISE systems research community. It has been shown that these testbeds are very popular and heavily used by the research community [1]. Testbed utilization often reaches 100%, especially ahead of deadlines for major systems conference, while there are also periods of modest (<40%) testbed usage.

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