Creating EC2 instances

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Creating EC2 instances via Scenario Builder and running the tests, the first run's (where Appvance IQ creates requested instances from the Scenario builder using an AMI) response times are on a higher side compared to consecutive runs by using the instances that are already running.

AWS has a lazy start up, only required part of the hard disk is copied from the AMI to the run time hard disk.

Because of this, the machine starts up very fast, but accessing some parts of the hard disk could be very slow.

This affects Appvance IQ during the first scenario execution. The response times reported could be on the higher side.

Amazon provides a workaround which is reading the hard disk, in order to avoid this slowness during production.

Nevertheless the proposed solution is for Linux platform only.

Amazon documentation is located here.

http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-initialize.html

Appvance IQ now has the capability to read the hard disk the first time the machine is created (This is for windows platforms)

This will be done just the first time the AMI is created.

Note: Still there could be little difference in the response times when the test is started for the first time to create instance and run the scenario than compared to the subsequent scenario runs using the same started instance.

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If you have any feedback on this topic, please contact us at documentation@appvance.ai

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