Cloud Testing Options

Appvance IQ provides the following options to run tests in a Cloud Testing environment. Identify these settings in a TestScenario. The Scenario Builder supports the following settings:

- **The name** is the reference to managing this Cloud environment
- **The type** has options to select EC2, Softlayer, Grid, or OpenStack
- **Beginning**: determine AIQ's actions while staging the test. Instantiate uses the following values
  1) Create All - All new instances will be created - Create New
  2) None - No instance will be started - None
  3) Create Required - Will create a new machine if the machines are not already started (For Example If there is already one machine that is running then that instance will be used and the other instance will be newly created) - Use Available (Create if Required)
  4) Start All: Only if all the machines are stopped then it will be useful (For Example 1 machine is already running and 2 machines are stopped and if the user selects this will throw an error) All the machines need to be stopped for this to work - Start Stopped Instance(s)
- **End** determines Appvance IQ's behavior on ending the test
  1) Terminate All - Terminates all instances
  2) Started - Terminates only started instances
  3) None - Does not terminate any instances
  4) Stop All - Stops all the started instances
- **Reboot** determines AIQ's behavior on ending the test. Some misconfigured applications under test may leave network connections open and consequently cause a running test to consume network or memory resources without releasing them. The reboot options release resources. Reboot takes the following values.
  After - Reboots the node after the test. AIQ will not reboot terminated machines.
  Never - AIQ takes any reboot action.
- **All Available machines** are the desired quantity of TestNode instances
- **Config** is the path to an AIQ Cloud Test configuration file. The configuration contains your Cloud Testing access (security) keys and account preferences
- **Network Bandwidth** Users can provide the Network bandwidth in Kbps for the tests to run in the specified location
- **UserName and Password** Credentials to login to AIQ, original credentials of the machine that was used to create the AMI to be used, if default credentials were used, just leave this field blank

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

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