

# Auto-Provisioning Microsoft Azure Cloud Agents

Microsoft Azure agents can be created automatically inside StresStimulus. All you need is an active Azure account to get started.

## Microsoft Azure Agent Wizard

To create a new Microsoft Azure instance in the main menu, go to **Tools -> Cloud Load Agent Manager...** You can also navigate through **Load Agents -> Create Cloud Load Agent**. The Cloud Load Agent Manager dialog will appear. Click the **Create Azure Instance** button to bring up the Create Azure Load Agent Wizard.

**Note:** StresStimulus creates On-Demand Windows instances. These instances are provided by Microsoft Azure at pricing described [here](#). While StresStimulus attempts to terminate instances that are no longer needed, users are responsible for confirming the instance was terminated by Azure. StresStimulus is not liable for any Azure charges.

## Azure Credentials

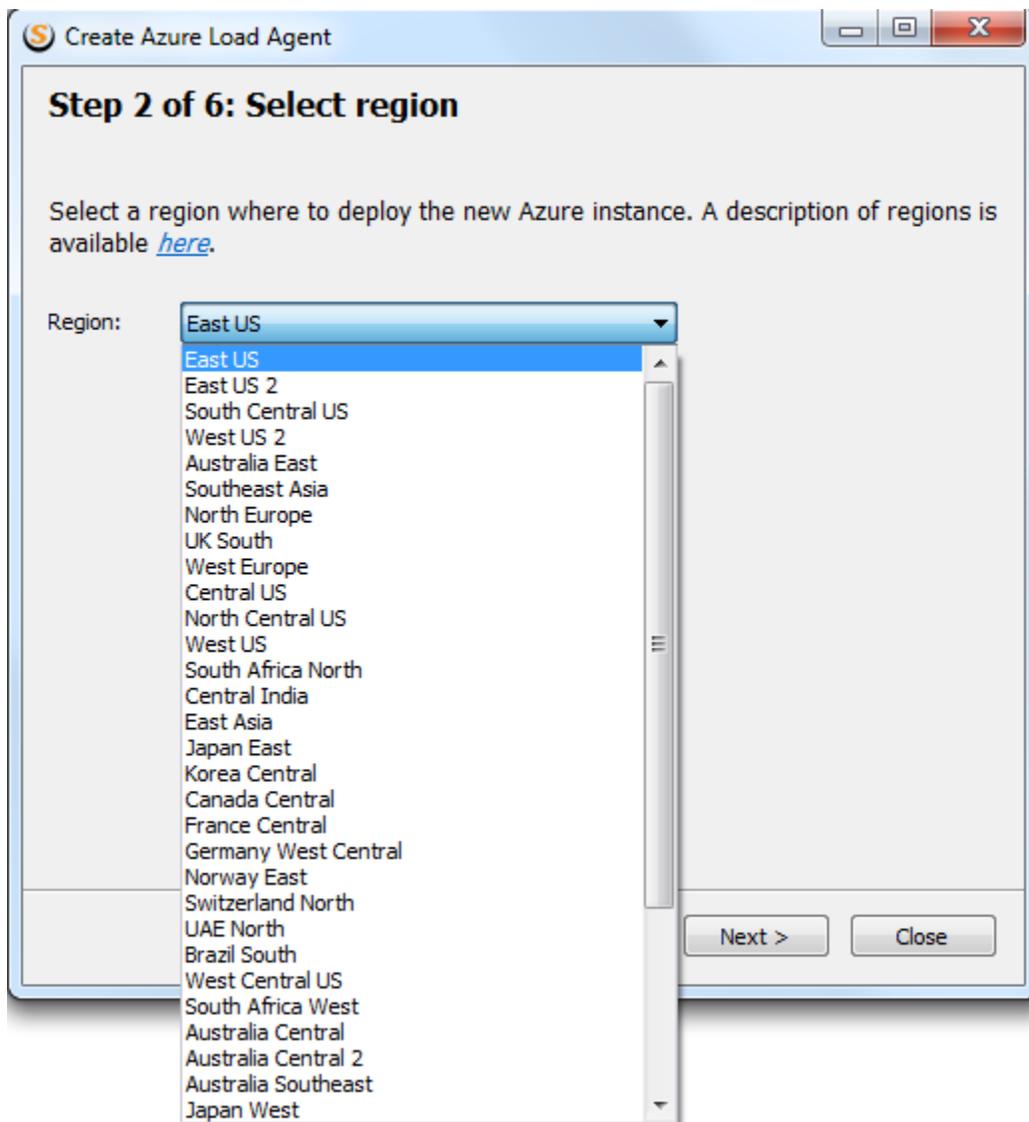
To create Microsoft Azure Load Agents, you will need to have an active Azure account with a configured service principal user. Then enter your Client ID, Secret, Tenant, and subscription id in the text boxes and click Next. For more on finding your credentials, key click [here](#).



The screenshot shows a Windows-style dialog box titled "Create Azure Load Agent". The main content area has a heading "Welcome to the Azure load agent creation wizard" and "Step 1 of 6: Azure credentials". Below this, there is explanatory text: "This wizard will guide you through the process of creating a Microsoft Azure instance that can be assigned as a StresStimulus load agent." and "You will need to have an active Azure account with a configured service principal. For more information click [here](#)." This is followed by the instruction "Enter your Azure user access information below." and four text input fields labeled "Client ID:", "Secret:", "Tenant ID:", and "Subscription ID:". At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Close". A disclaimer is located at the bottom of the text area, stating: "Disclaimer: StresStimulus creates On-Demand Windows Azure instances. These instances are provided by Microsoft Azure at the pricing described [here](#). While StresStimulus attempts to terminate instances and associated resources that are no longer needed, users are responsible to confirm that the instance was terminated by Microsoft Azure. StresStimulus is not liable for any Microsoft Azure charges."

## Region Selection

Next, select the region in which to create your instance. A list of available regions is located [here](#).



## Instance Type

Next, select the type of instance you wish to create. The instance type determines the performance of the instance, which includes the number of CPUs and memory size. For a list of available instance types, click [here](#).

**Create Azure Load Agent**

### Step 3 of 6: Select instance type

Choose the type for the new instance. Instance types are determined by the number of CPU cores and Memory size.

For more information on the instance type specs, click [here](#).

Name	# Cores	Memory (MB)
Standard_B2ms	2	8192
Standard_B2s	2	4096
Standard_B4ms	4	16384
Standard_B8ms	8	32768
Standard_B12ms	12	49152
Standard_B16ms	16	65536
Standard_B20ms	20	81920
Standard_DS2_v2	2	7168
Standard_DS3_v2	4	14336
Standard_DS4_v2	8	28672
Standard_DS5_v2	16	57344
Standard_DS11-1_v2	2	14336

< Back    Next >    Close

### Agent Name

If you wish to create an agent from this instance for your current test, add an agent name in this step. Otherwise, skip it.

Create Azure Load Agent

### Step 4 of 6: Assign this instance as a load agent (optional)

If you wish to create an agent from this instance for the current test, enter the agent name below.

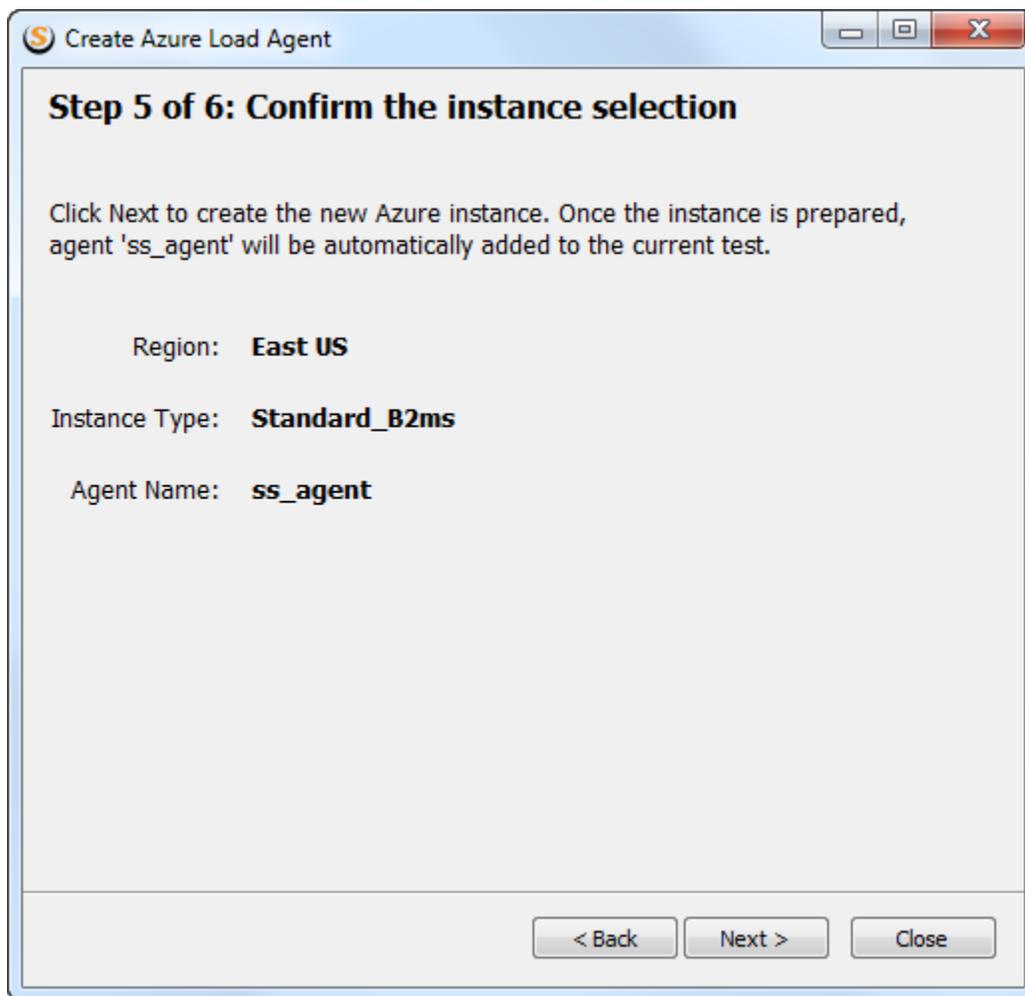
Otherwise, keep the agent name blank.

Agent Name:

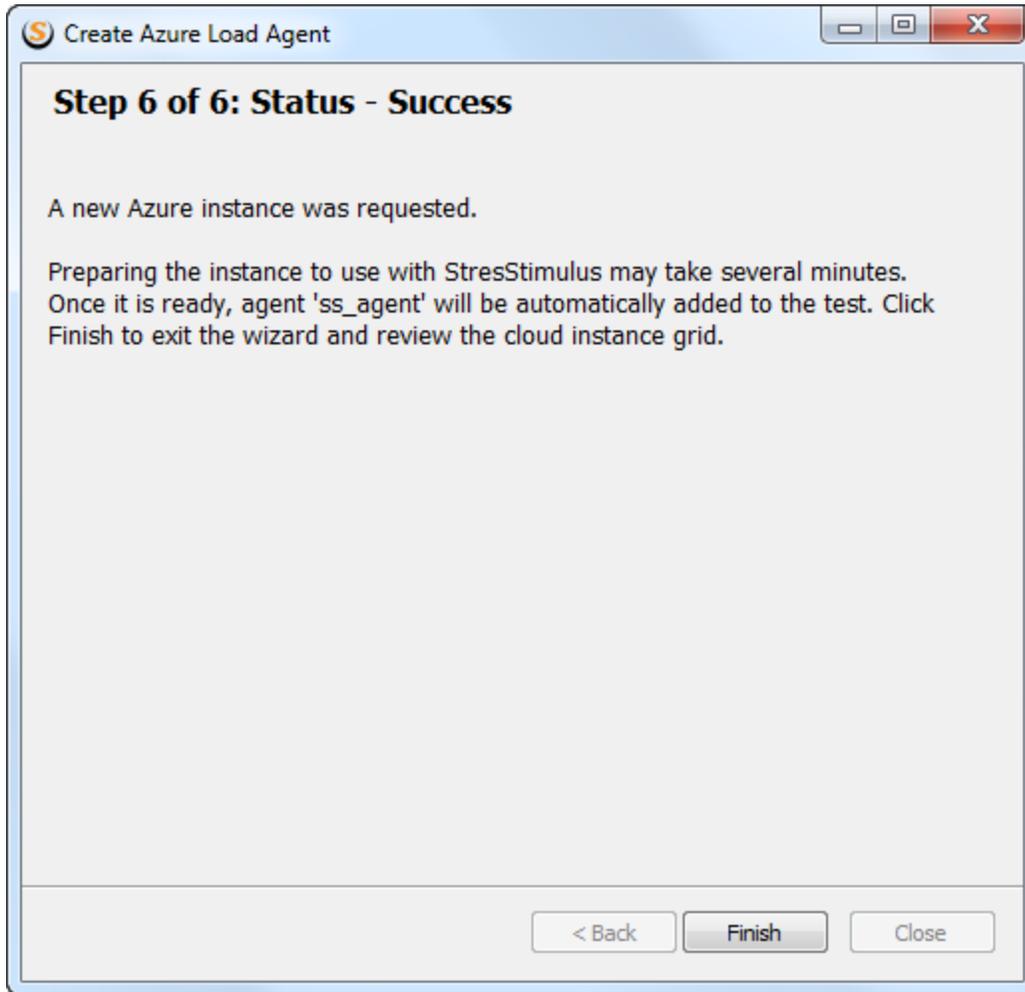
Note: Utilization charges for this instance are incurred by your cloud provider even if the instance is not assigned as a load agent. You will have an option to assign it later. The instance must be assigned to every test separately.

< Back   Next >   Close

Click Next to get to the confirmation screen.

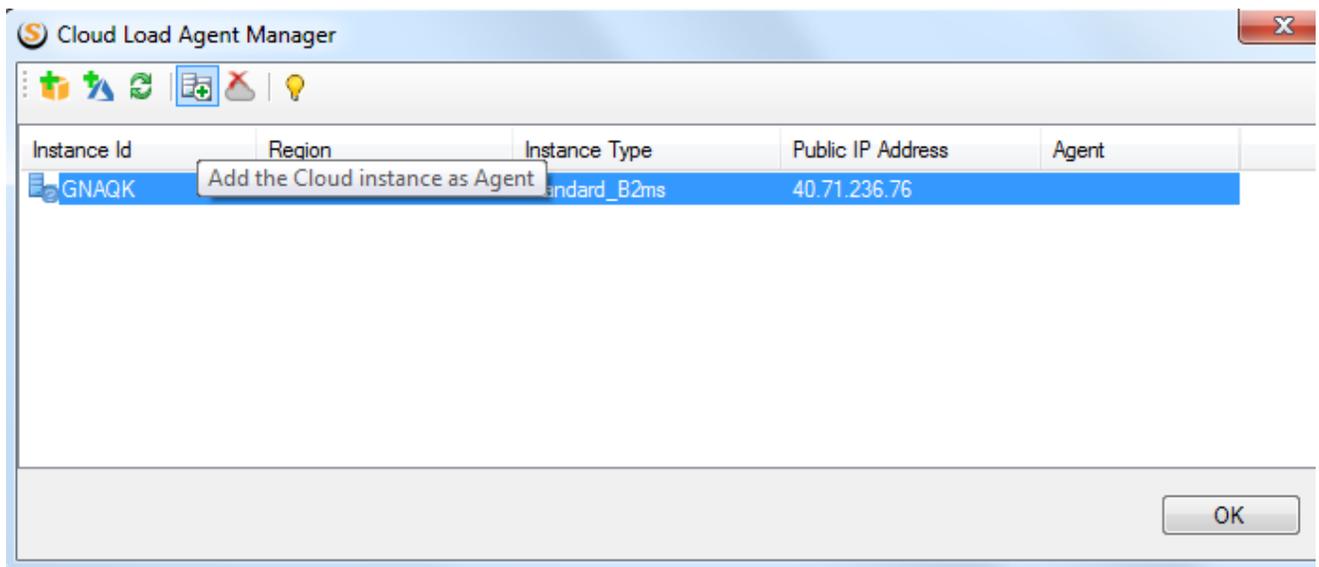


Finally, click Next to create the instance.



## Cloud Load Agent Manager

Continue with the wizard until a new instance is created. The newly created instance appears in the manager. It is initially in an initializing state but will change to running state after some time. At this point, you can click **Add the Cloud instance as Agent** to add this instance as an agent to the current test (if not already assigned).



The status phases which each instance goes through are detailed below.

Icon	Status
	Instance request pending
	Preparing instance
	Instance complete and ready to assign as Agent
	Agent created
	Instance terminated