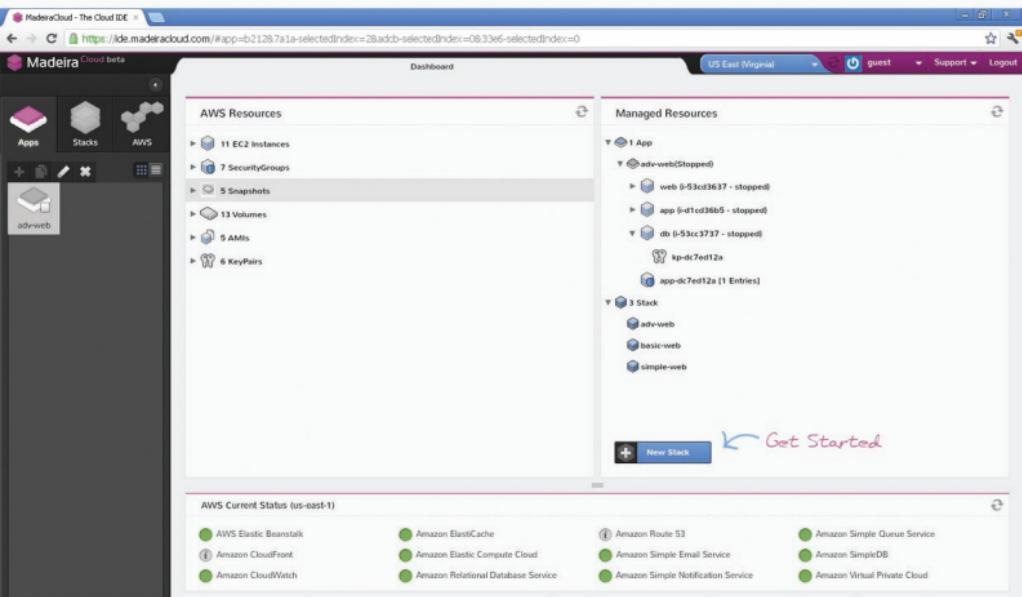


## A Quick Look At Our IDE



The screenshot shows the MadeiraCloud IDE interface. On the left, there's a sidebar with icons for Apps, Stacks, and AWS, and a specific item labeled "adv-web". The main area is divided into two main sections: "AWS Resources" and "Managed Resources".

- AWS Resources:**
  - 11 EC2 Instances
  - 7 SecurityGroups
  - 5 Snapshots
  - 13 Volumes
  - 5 AMIs
  - 6 KeyPairs
- Managed Resources:**
  - App:** adv-web (Stopped)
    - web (i-53cd3637 - stopped)
    - app (i-d1cd86b5 - stopped)
    - db (i-53c3737 - stopped)
    - sp (i-d7ed12a) (1 Entries)
  - Stack:** adv-web, basic-web, simple-web

At the bottom right of the main area, there's a "Get Started" button with a blue arrow pointing towards it.

**AWS Current Status (us-east-1):**

Pending: 0	InProcess: 0	Done: 1	Failed: 0	Total: 1

Log: 3/13/2012 15:22:05.335 (ERROR) <REQUEST\_UPDATE\_RETURN> unk

Icons for various AWS services are listed below the status table:

- AWS Elastic Beanstalk
- Amazon CloudFront
- Amazon CloudWatch
- Amazon ElastiCache
- Amazon Elastic Compute Cloud
- Amazon Relational Database Service
- Amazon Route 53
- Amazon Simple Email Service
- Amazon Simple Notification Service
- Amazon Simple Queue Service
- Amazon SimpleDB
- Amazon Virtual Private Cloud

## Dashboard

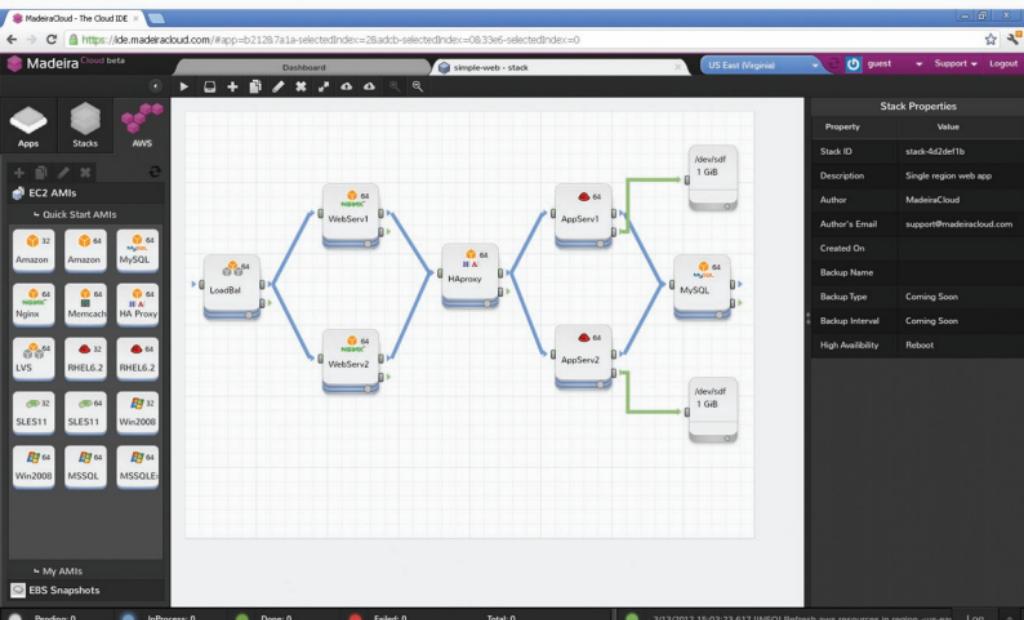
Once logged in, on the left of the MadeiraCloud dashboard users have a quick look at all of their individual AWS resources. Users can quickly navigate to and view/modify resource configurations.

We take a human approach to resources, taking the layer of abstraction from the individual resources to application templates (Stack) and running applications (Apps). These managed resources enable users to quickly see the running status of entire applications and manage them as a unit, letting MadeiraCloud take care of the details.

This screenshot shows the status of our dashboard as of the 13th of March, 2012, during our private beta. Soon, we will be adding a sharing widget, so that admins and sales employees can track the status of any demo or training environments with their clients.

Please contact [daniel.oprey@madeiracloud.com](mailto:daniel.oprey@madeiracloud.com) for guest credentials, a video demo, webinar, or any other enquiries.

## A Quick Look At Our IDE



### Stack Design View

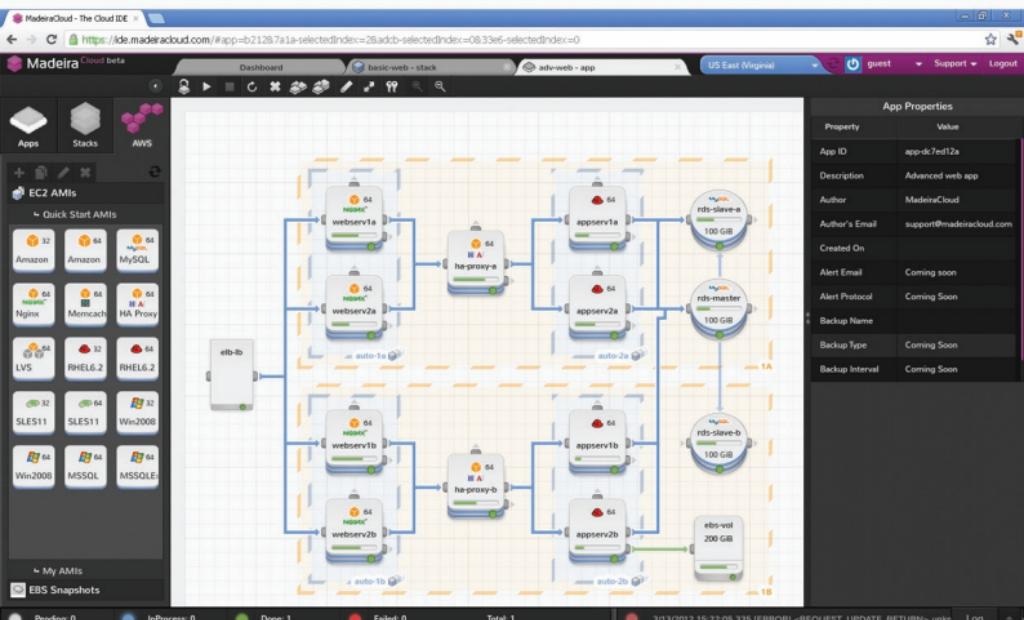
This view allows users to group resources together in to a stack template. By simply dragging and dropping static AWS resources such as Amazon Machine Images or Elastic Block Stores (ELB, RDS, SDB coming soon) to the canvas, then dragging and dropping to connect ports between the resources, creating a multi resource application template couldn't be easier. Of course, all the functionality of the AWS console is still there, double clicking any resource allows users to manually configure every last detail.

It's very common for engineers to draw an architectural diagrams to plan and design their systems, but when it comes to the implementation, they become nothing more than conceptual references. Designing the architecture with MadeiraCloud not only makes things more simple, but gives you a living diagram of the real life system. Now the knowledge of your application can be stored in your organisation, if an engineer leaves, their replacements are no longer left wasting time reverse engineering the system.

Not only is it easier to set up and learn for new comers, but it gives us vital information about your system that we can use to automate processes for you. For example, if launching multiple apps from the same stack, we can dynamically configure ports to make sure they go to the right resources, and reconfigure software such as SQL servers, saving the user time.

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## A Quick Look At Our IDE



## App View

Consistent with the stack design view, this gives a topological view of the running application. Running status, alerts, and current load lets users quickly see the state of their application and pin point any current errors or areas which could potentially destabilise performance, allowing them to act before there is an issue.

Once users have launched their app, they can configure the software environments and put their code/data on to the resources. Then, with just a couple of clicks, they can clone the entire application, environment, code, virtualised architecture, and connections to an identical copy running in the cloud in just a few minutes. Using the "Save to Stack" button, entire applications can be saved back to stack templates and relaunched multiple times, with MadeiraCloud handling all of the repetitive tasks, creating multiple copies of running applications, with no conflicts in configuration, in minutes rather than days or hours.

Treating applications as one unit allows users to better build, manage, monitor, back-up, and copy their applications. Applications can be relaunched to any of 7 AWS regions (currently supported), for better dev, testing, demos, and training.

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