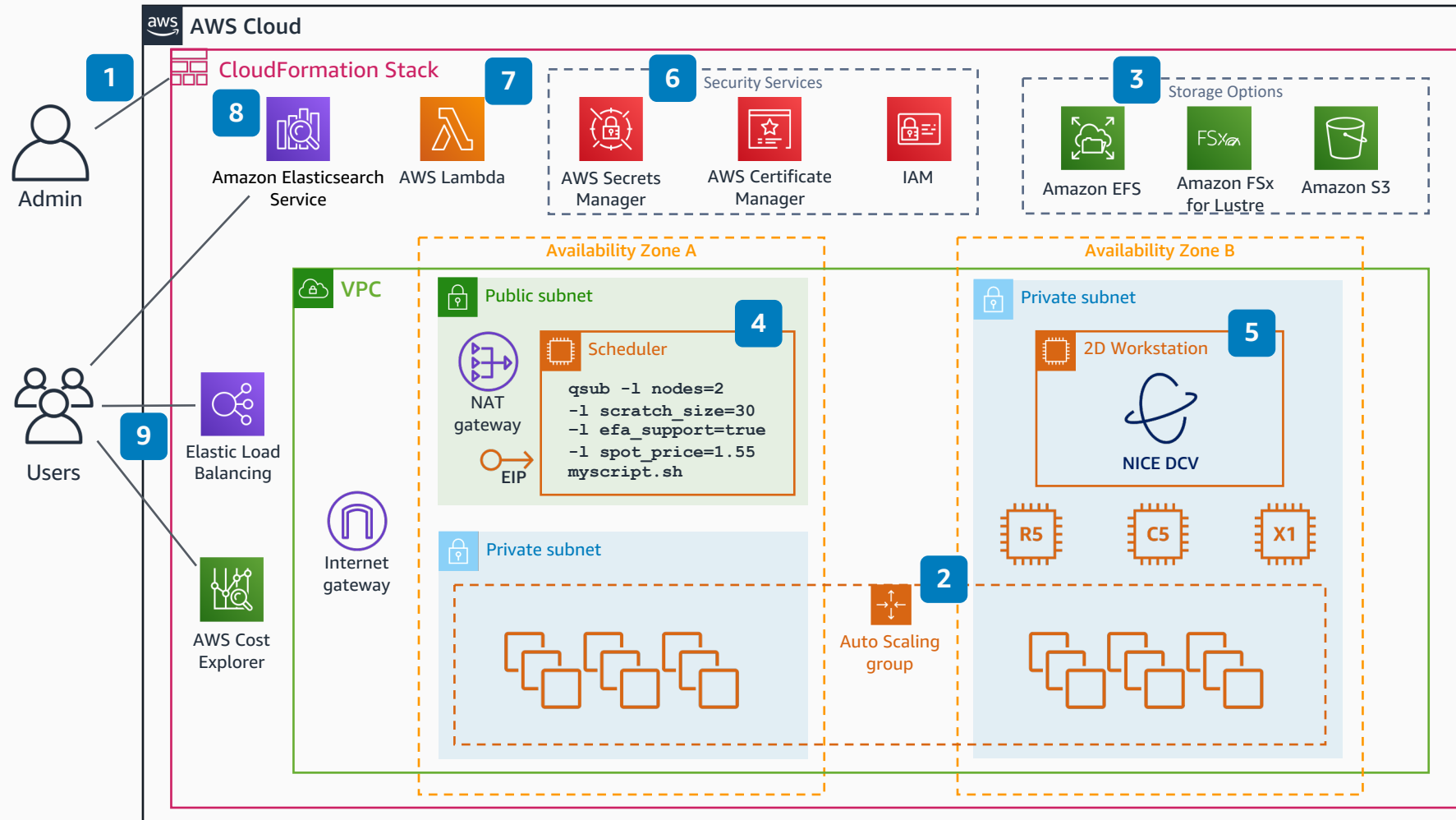


# Scale-Out Computing on AWS, Services Used

## Launch a turnkey scale-out computing environment in minutes

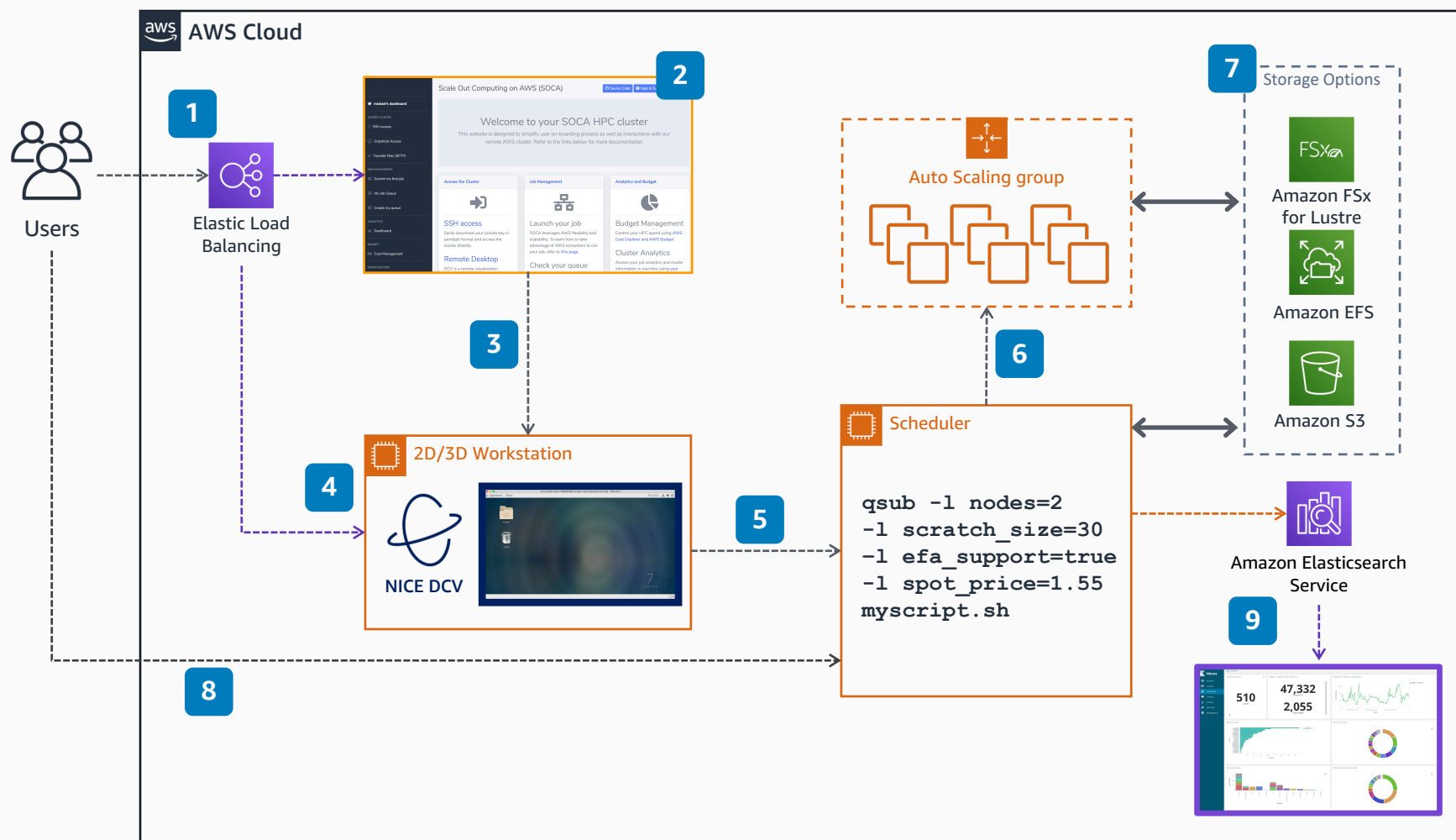
Solution location: <https://aws.amazon.com/solutions/scale-out-computing-on-aws/>



# Scale-Out Computing on AWS, User Access

## Launch a turnkey scale-out computing environment in minutes

Solution location: <https://aws.amazon.com/solutions/scale-out-computing-on-aws/>



- 1 Users connect to the Web UI or 2D/3D Workstation using **Elastic Load Balancing**.
- 2 On the Web UI manage your entire environment, view analytics, add users, launch 2D/3D workstations, monitor jobs, budget info, and more.
- 3 Leveraging **AWS CloudFormation**, launch a 2D or 3D desktop
- 4 Use a running 2D/3D Workstation that uses **NICE DCV** to launch batch jobs or run GUI tools.
- 5 Log in to the scheduler instances, or submit a job from the 2D/3D Workstation.
- 6 Jobs submitted trigger an event, **AWS CloudFormation**, to launch the resources needed to run the job, e.g. an **Auto Scaling Group**.
- 7 Jobs can use several storage options for executables, runtime data, and results, choose from **Amazon EFS**, **Amazon FSx for Lustre**, **Amazon S3**, **Amazon EBS**, and **Instance Store**.
- 8 Log in directly to the Scheduler Instance and submit jobs from there.
- 9 Job information is sent to **Amazon Elasticsearch** and allows users to view an analytics dashboard.

