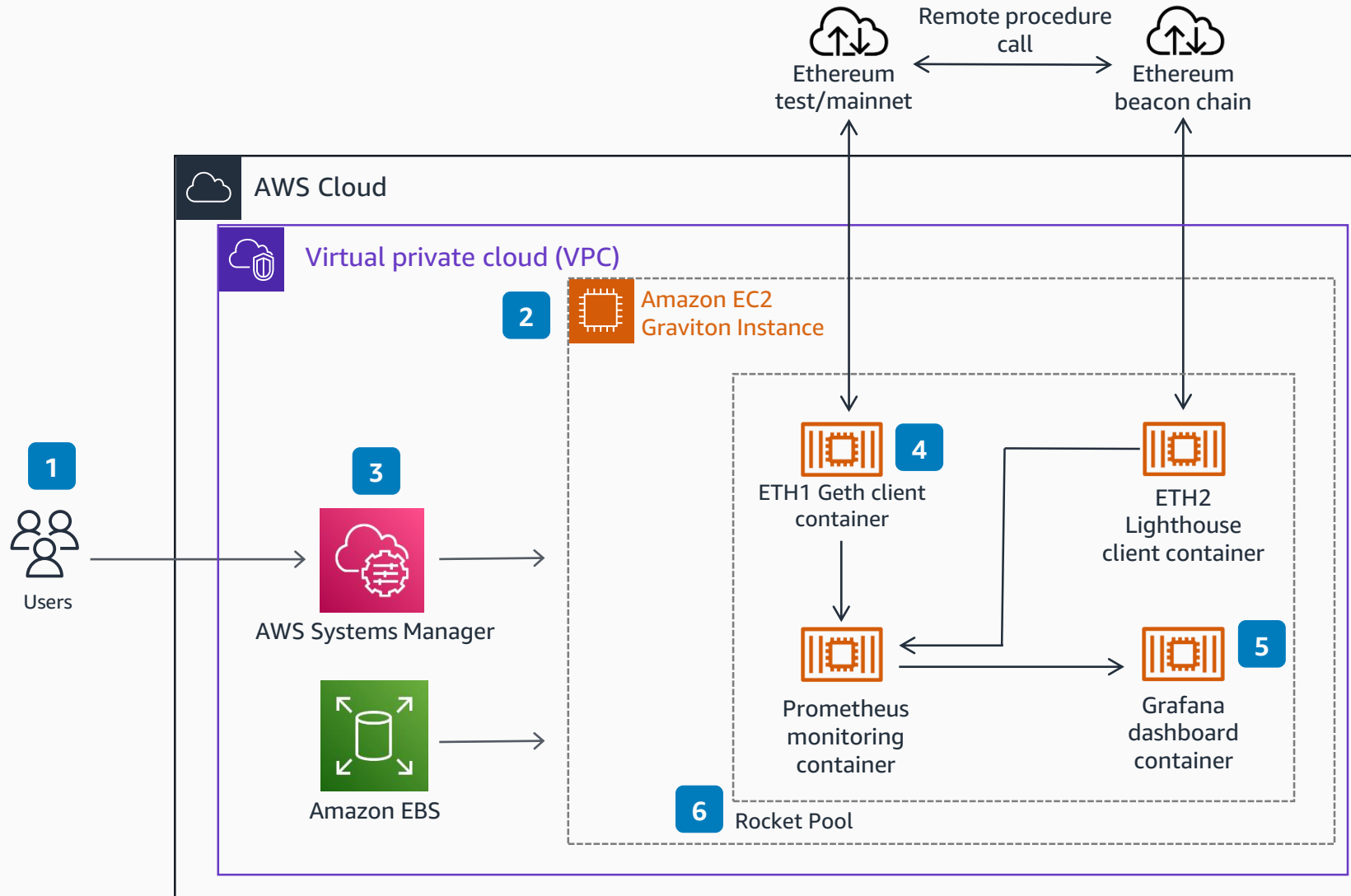


Guidance for Automating Ethereum Node Validator using AWS Graviton

This architecture shows how to deploy an ETH2 validator on Rocket Pool with minimal setup time on the AWS Cloud.



1 Set up the node package manager (NPM) and **AWS Cloud Development Kit (AWS CDK)**, and then clone the GitHub repo. Connect to **Amazon Elastic Compute Cloud (Amazon EC2)** using **AWS Systems Manager**.

2 Deploy the CDK template, which deploys an **Amazon EC2** instance with an **Amazon Elastic Block Store (Amazon EBS)** volume attached.

3 Run the “aws ssm start-session command” to use **Systems Manager** and securely remote into your instance.

4 Configure and start the Rocket Pool services and Ethereum’s Geth/Lighthouse client on the instance.

5 Set up and configure the included Grafana dashboard running on the **Amazon EC2** instance.

6 A Rocket Pool full node is one that runs both an Execution (ETH1) client and Consensus (ETH2) client in addition to the Rocket Pool stack. This starts up all the containers, including the Prometheus and Grafana containers.

Once you have deployed this architecture, continue with the Rocket Pool documentation on funding your wallet on the Prater test network.

