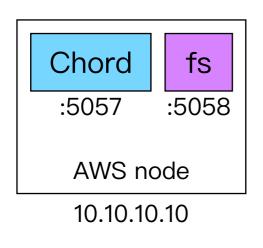
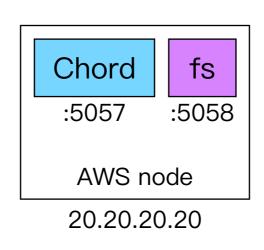
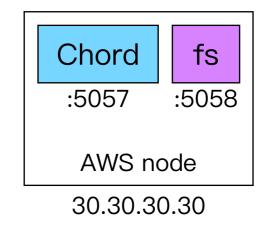
Midterm Project – Chord Part 2: Auto scaling on AWS Cloud

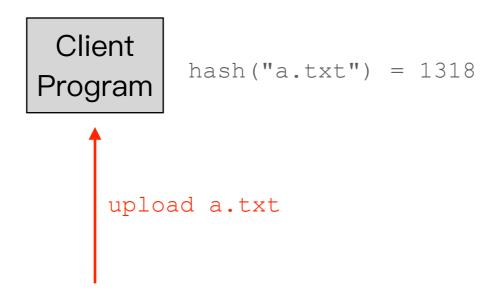
Practices for Distributed Systems and Cloud Application

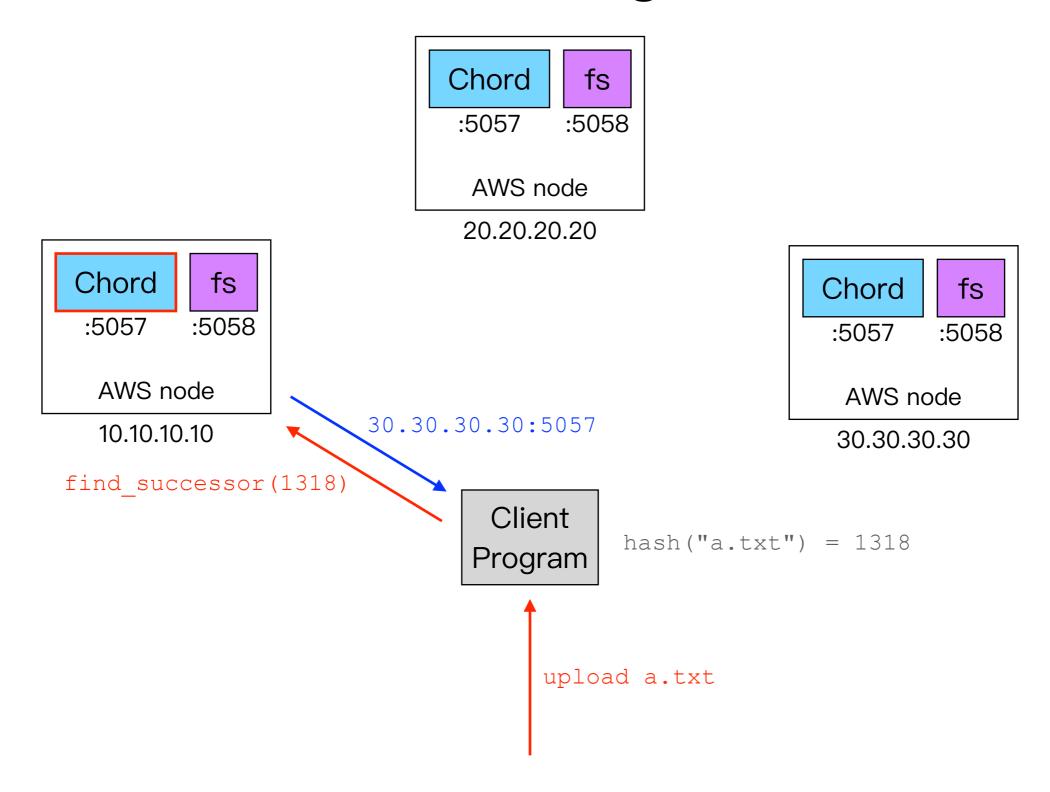
Development

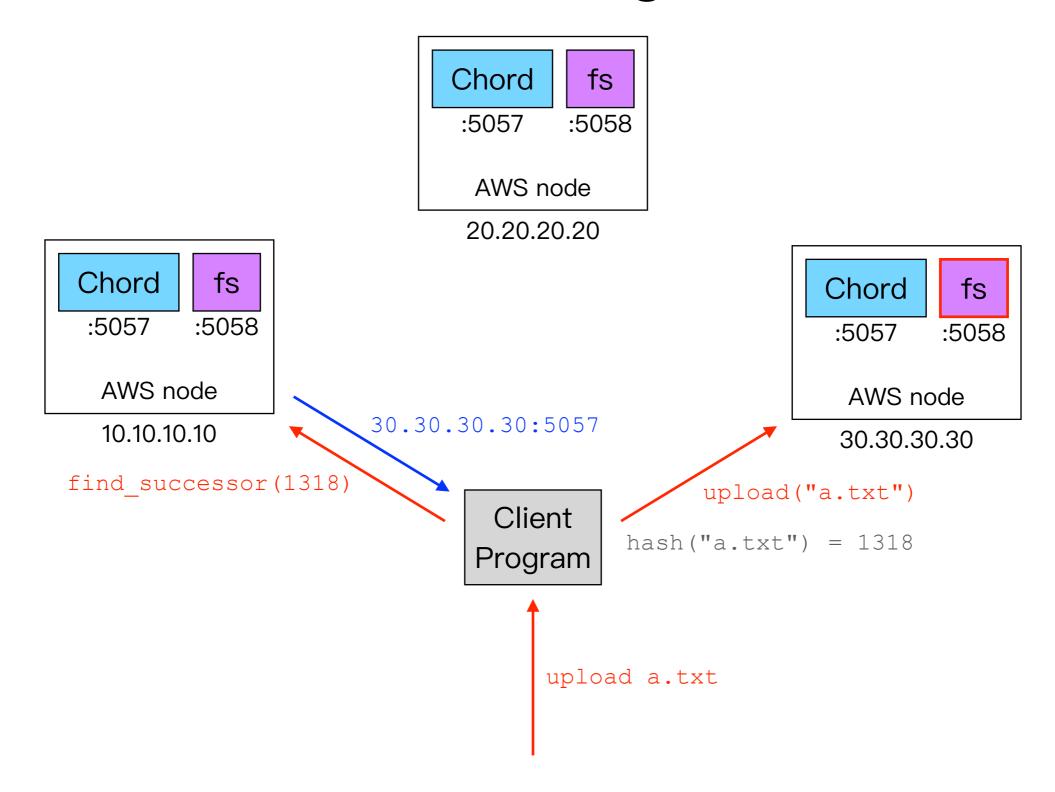


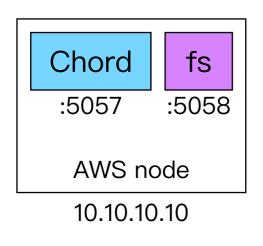


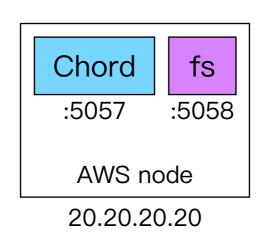


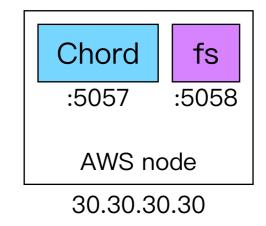




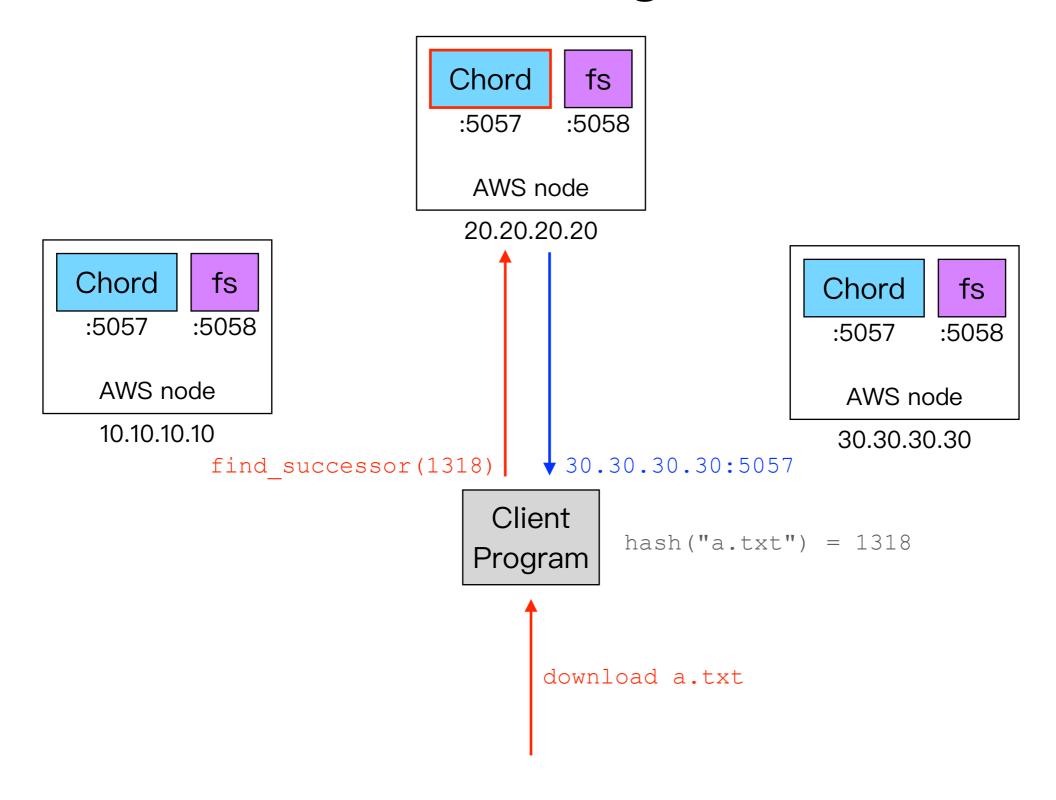


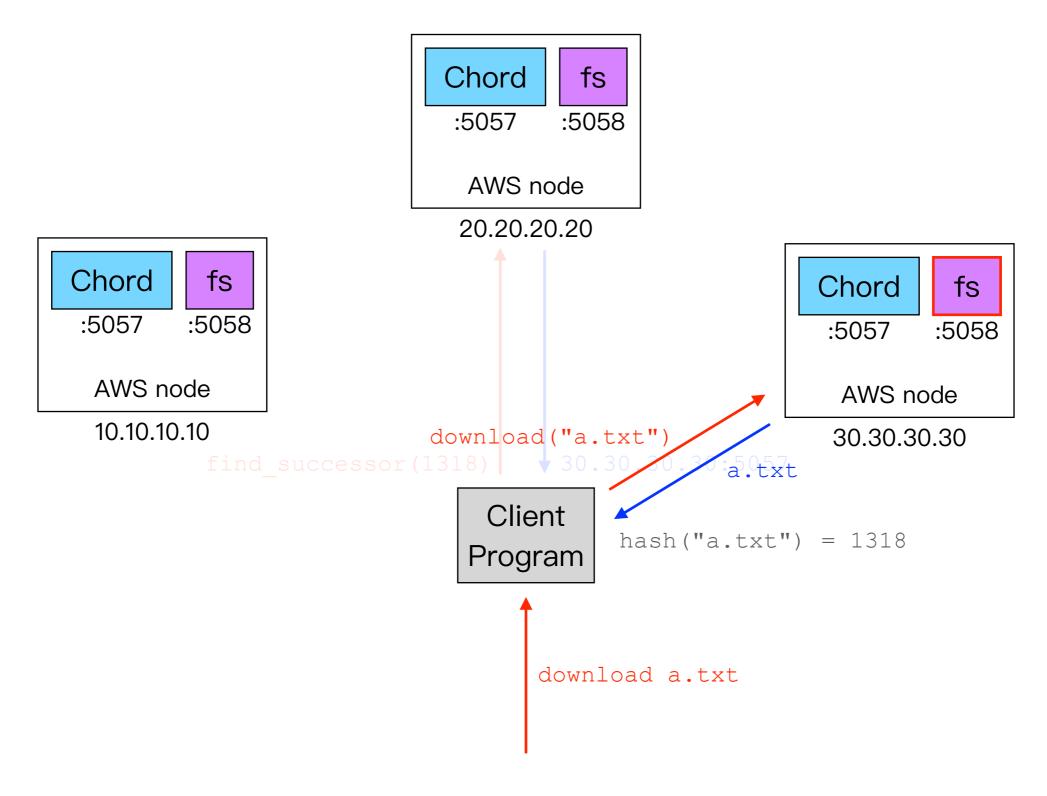










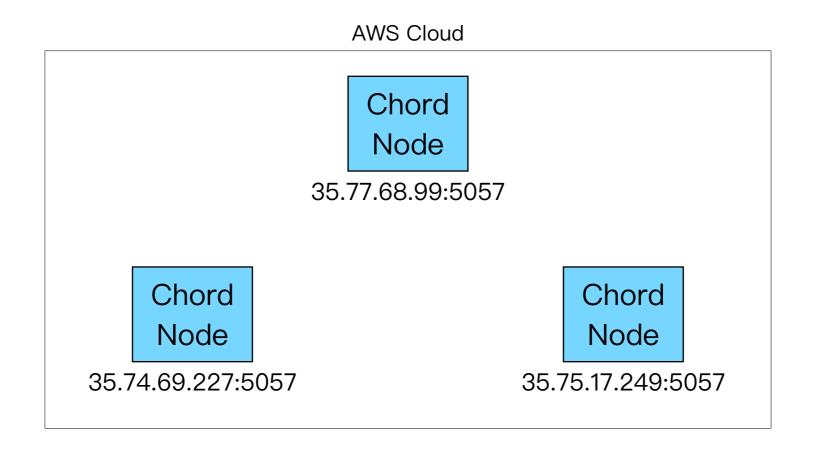


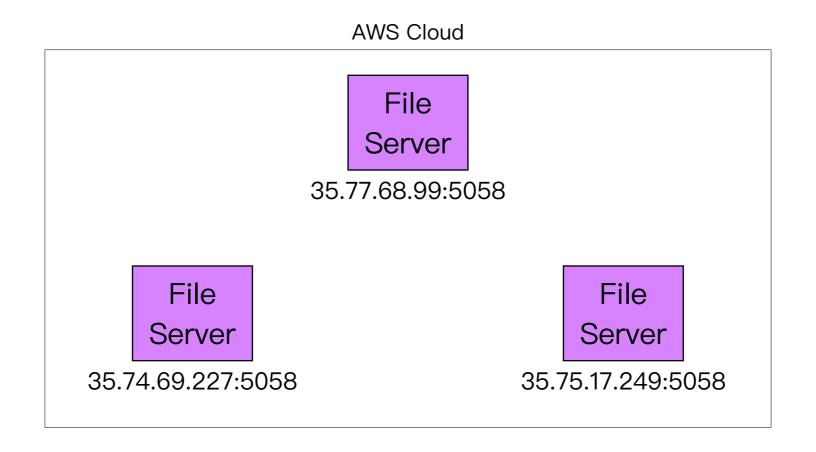
Goal

 Build a distributed file system that can automatically scale on the AWS cloud

Chord Node 127.0.0.1:5058

Chord Node 127.0.0.1:5057 Chord Node 127.0.0.1:5059





AWS Services











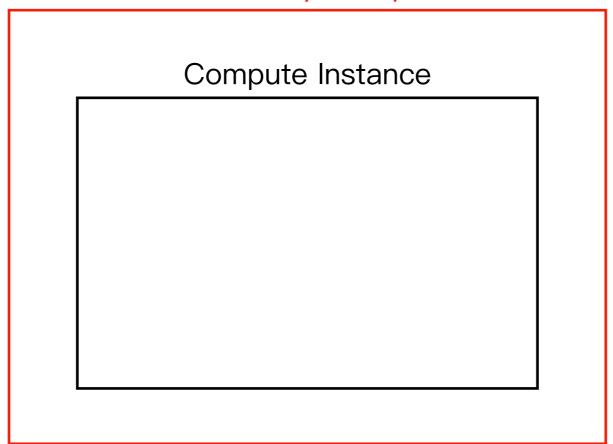












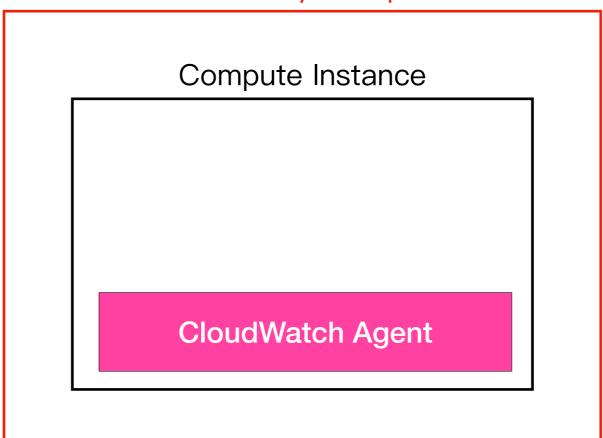












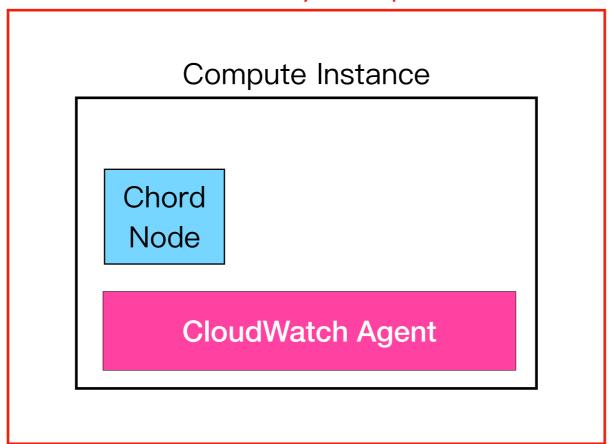












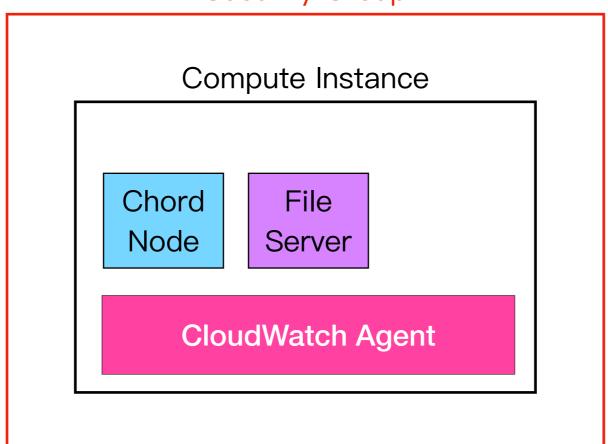












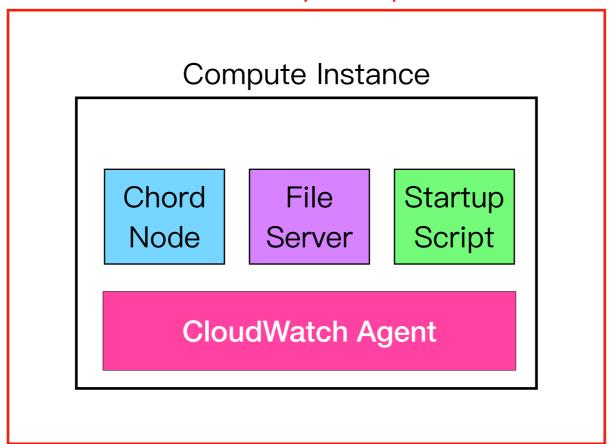












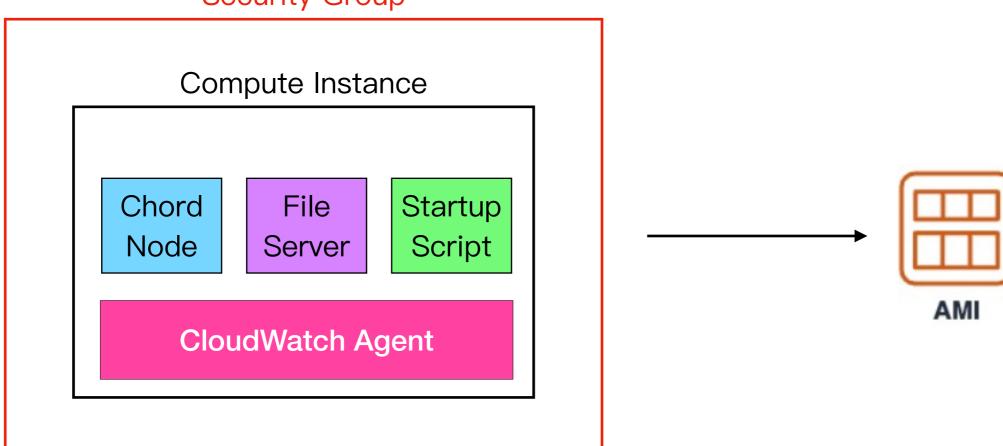












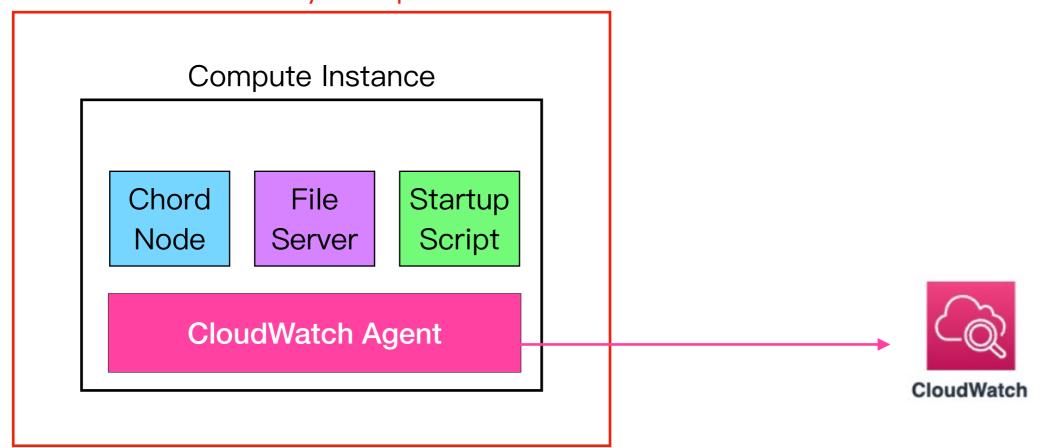












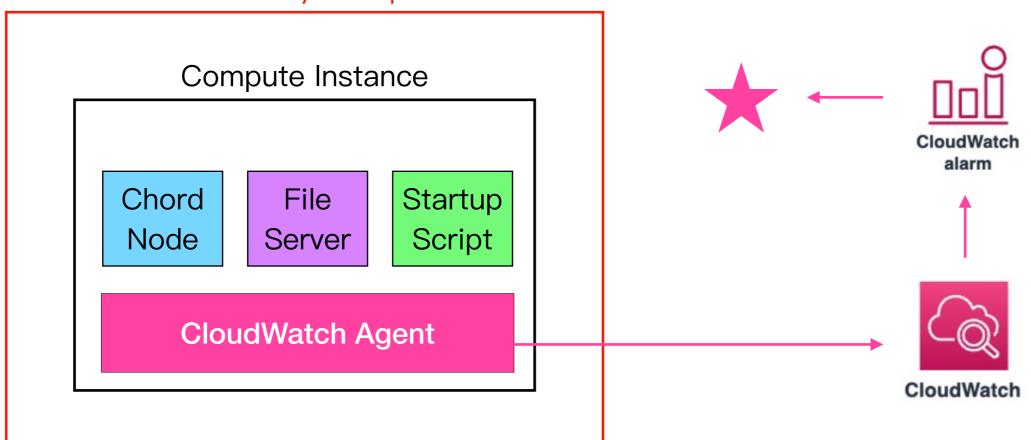
























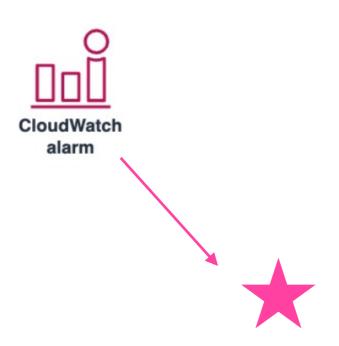












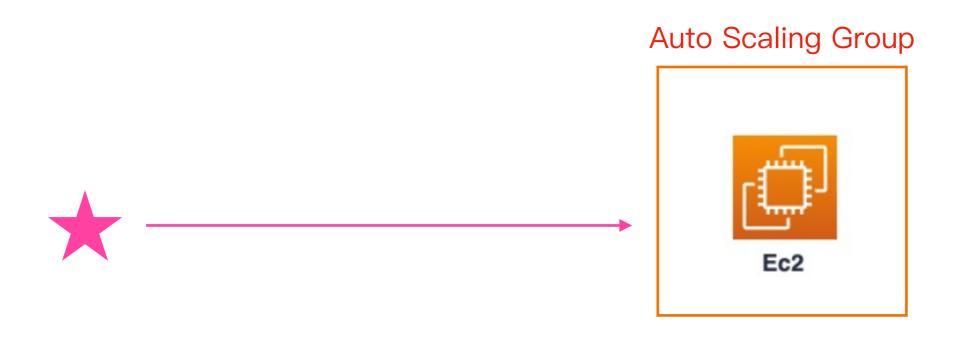












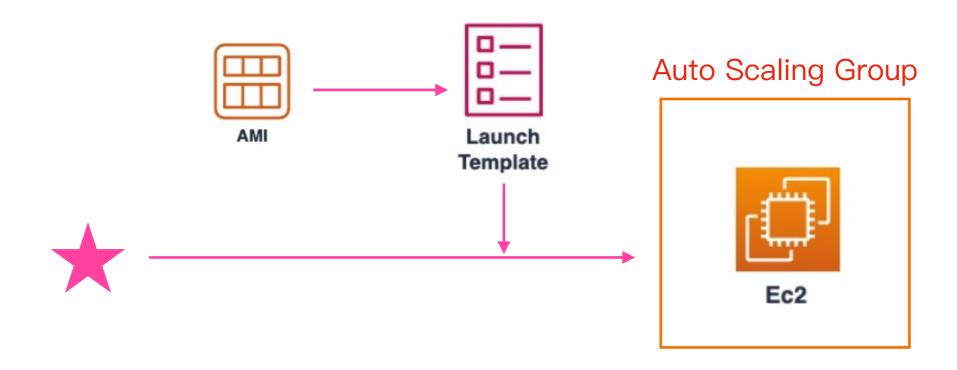












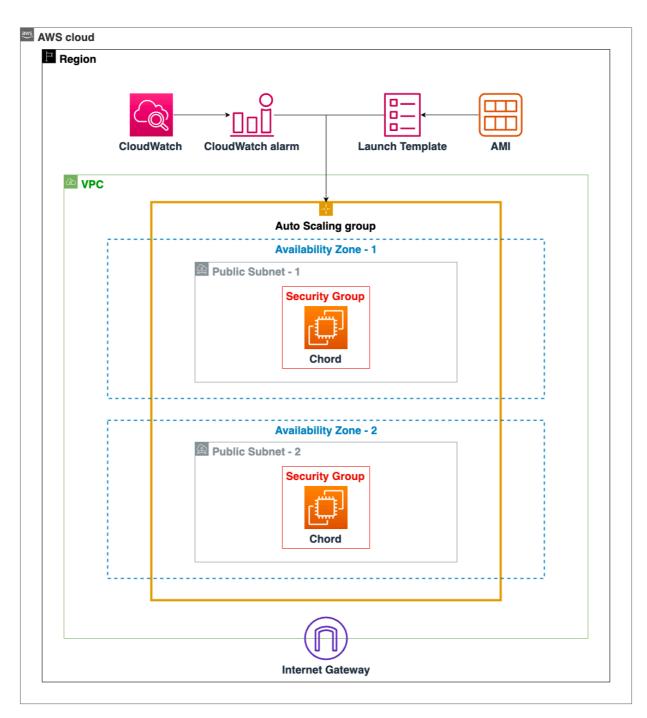












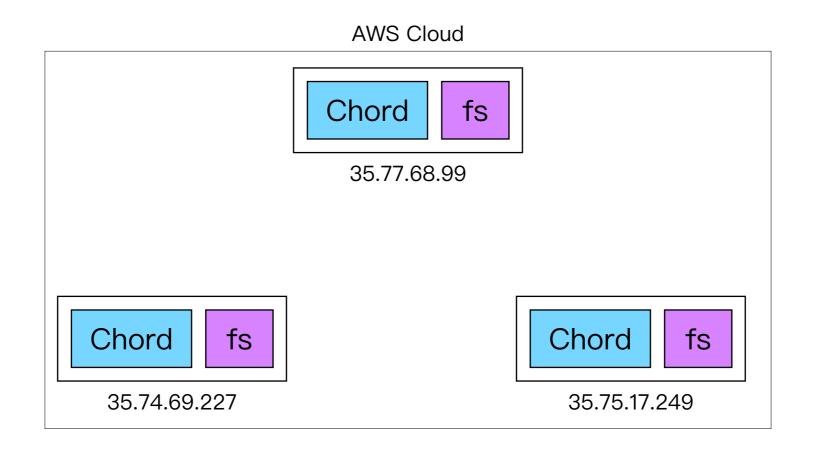












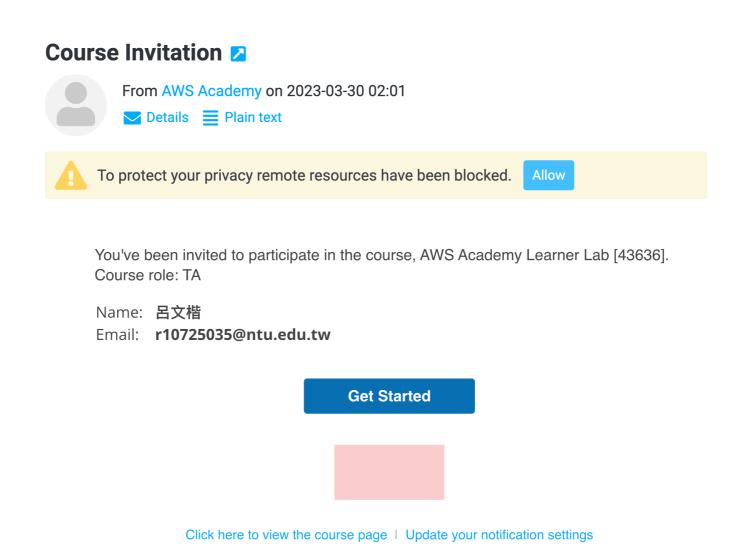
```
|
+-- chord
|
+-- download.py
|
+-- upload.py
|
+-- test_download.py
|
+-- test_upload.py
```

Grading Policy

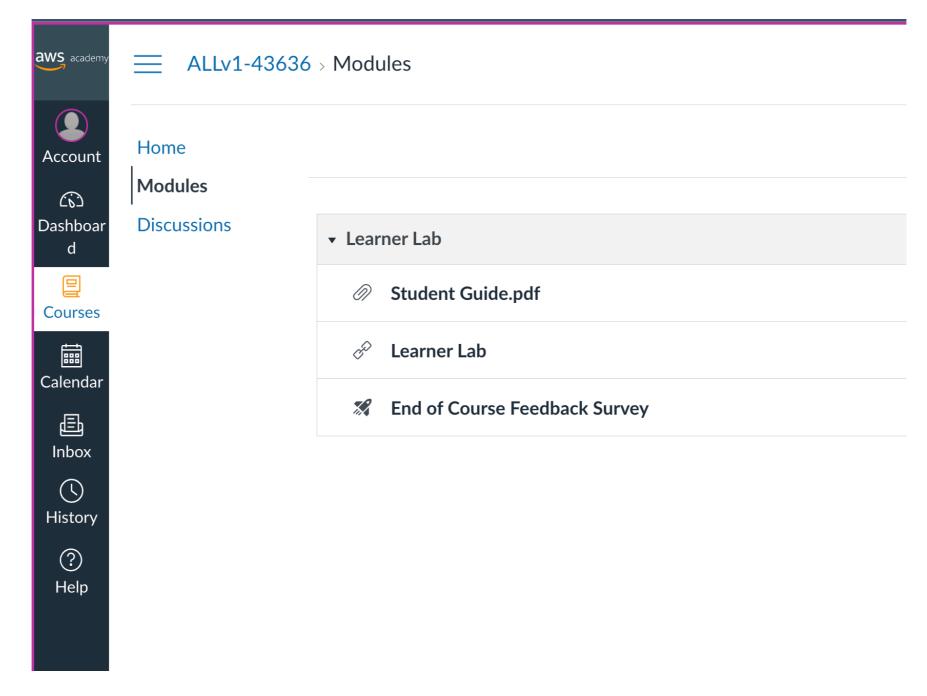
• Auto-Scaling: 50%

Integrating Chord Nodes: 50%

AWS Academy



AWS Academy



AWS Academy

