



OHDSI on AWS

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Objective

To provide a

**well-architected
implementation of
popular OHDSI tools**

that can easily be
deployed by anyone.

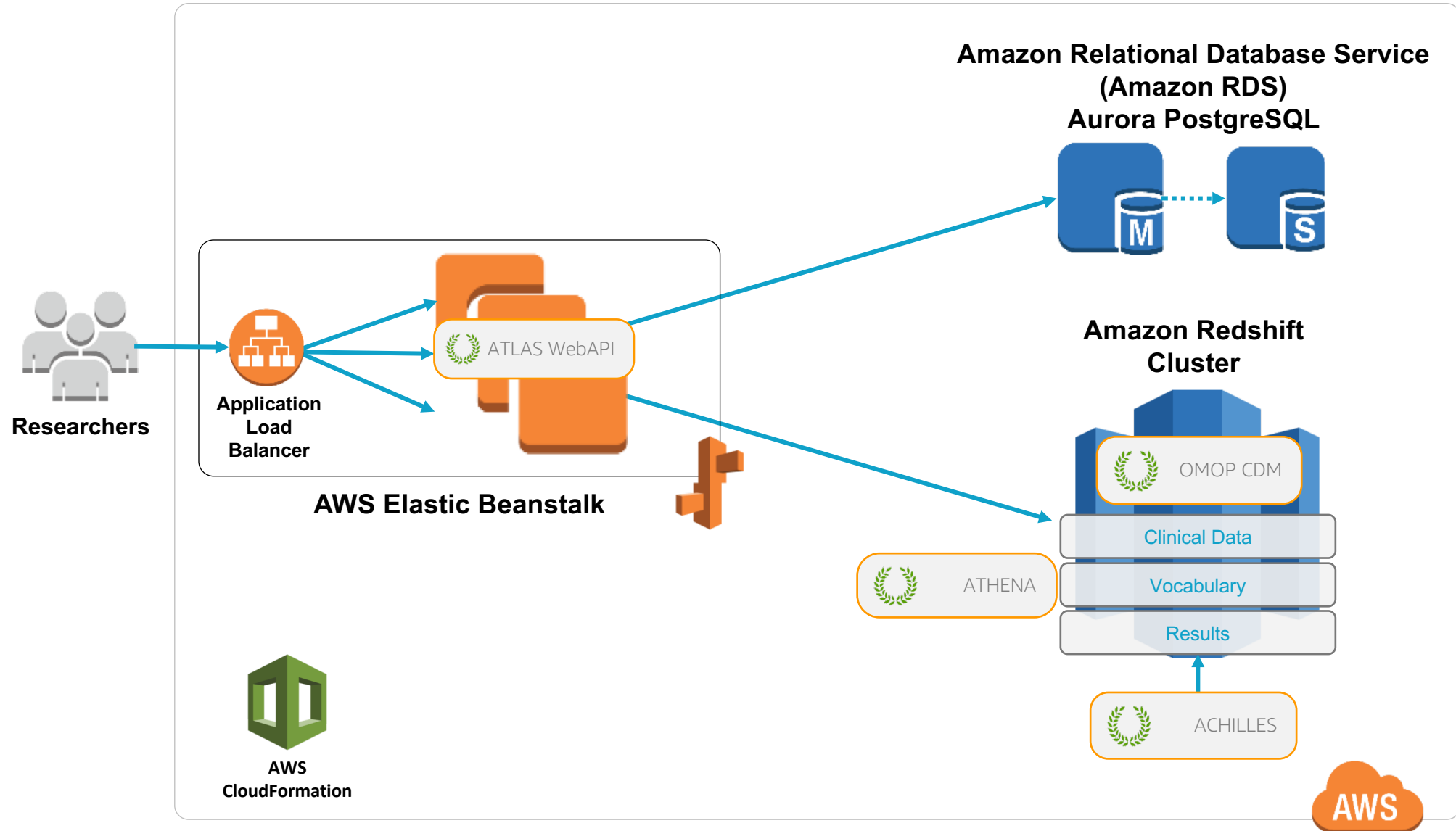
Features

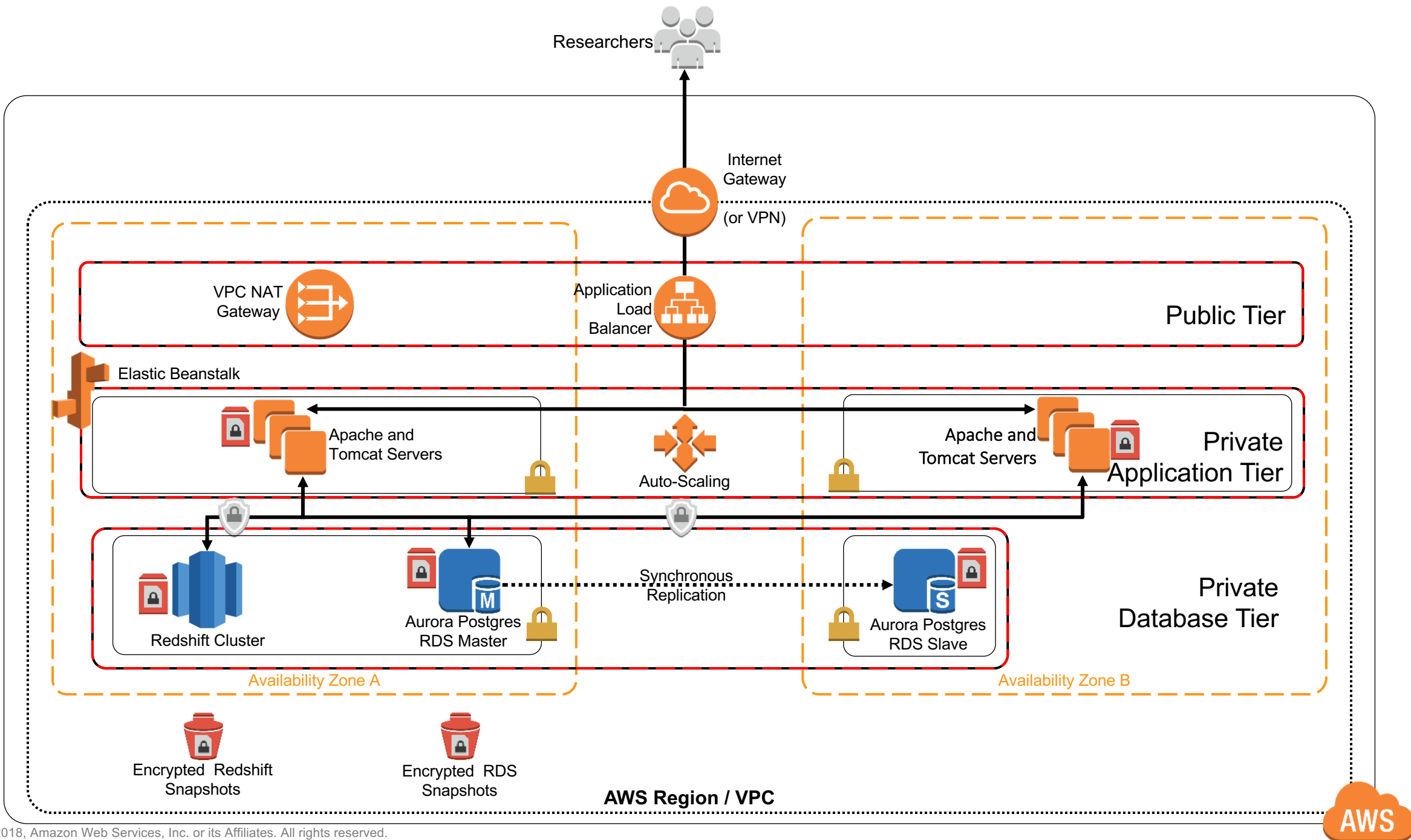
- A complete OHDSI environment including a data warehouse with sample data
- Deployed in an isolated, three-tiered Virtual Private Cloud
- Uses data at rest and in flight encryption for HIPAA eligibility
- Uses managed services: OS, middleware, and database patching and maintenance is largely automatic
- Automated backups for operational and disaster recovery
- The entire environment is built automatically in a little over an hour
- Reasonable monthly cost.



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High-Level Architecture





Useful Reference Links

- [AWS big data blog post](#)
- [Loading data into Redshift](#)
- [Restoring a Redshift Cluster from a snapshot](#)
- [Tuning Redshift query performance](#)
- [Controlling access to Redshift](#)
- [Updating your Elastic Beanstalk environments platform version](#)