Ed-Fi Cloud Deployment Options
Ed-Fi ODS/API in Cloud Deployments

Ed-Fi Hosted Resources

- MSSQL BACPAC Files
- Compiled Apps

Ed-Fi Continuous Integration Process

creates

references

- Ed-Fi Config App
- MSSQL BACPAC Files
- Compiled Apps

- Ed-Fi ODS/API (Elastic Beanstalk)
- Ed-Fi ODS Databases (RDS for MSSQL)

deploys

- AWS Cloud Formation Templates & PowerShell
- Azure Resource Manager (ARM) Templates & PowerShell

deploys

Agency managed AWS tenant

Agency managed Azure tenant

- Ed-Fi ODS/API
- Ed-Fi ODS Databases

Cloud ODS/API - Differentiation

1. Get Started with ODS / API (1-5 days)
   - Ensure you have access to .Net developer resources (agency or Systems Integrator)
   - Following “Getting Started” instructions and pulling source code
   - Get solution up and running on a developer machine

2. ODS / API - Dev Ops (Days - Weeks)
   - Build out development and deployment infrastructures
   - Continuous integration: development -> staging -> production sites

3. ODS / API - Extensions & Customizations (Weeks – Months)
   - Determine requirements for extensions – MappingEdu
   - Develop, integrate extras into solution – MetaEd
   - Customize if needed – e.g. SEA-specific Identity integration, additional data validation – .Net, c#

4. Test, Deploy, Maintain, Upgrade (Ongoing)
   - Simple security config tool >> ODS Admin App – improved management capabilities
   - Lots of scripts, developer time >> reduced script, manual work

ODS/API core artifacts - deployed into customers public cloud tenancy in < 30 mins

No Extensions or customizations
Cloud Deployment Tools

• Cloud deployment scripts and templates are available for AWS and Azure on the Ed-Fi Exchange. If you are not currently an Ed-Fi licensee, visit here to learn more or contact us at exchange@ed-fi.org.