Ed-Fi Exchange

The Ed-Fi Exchange is a technology hub for community contributions aligned to the Ed-Fi Data Standard and Implementation Suite. Find out how it works and how to contribute.

Browse the Exchange

- Code & Technology
- Guides & Documentation
- How it Works
- How to Contribute

Cloud Deployment Strategies

One of the most common types of questions the Ed-Fi Alliance receives from new community members is "how do I install and run this software?" Increasingly, that question is posed with respect to cloud deployments. Given that the Alliance does not run its own software, and given the myriad ways of optimizing a deployment, it is difficult for us to have the expertise and bandwidth to provide detailed guidance on deployment architecture and security. At the same time, we are in frequent conversation with community members and can learn from them and reflect some practices back to the community. In that light we offer the following documents and tools that may be helpful in planning your own deployments. Some have been developed at the request of the Alliance, and other solutions are offered by the community. Please recognize the necessary limitations and "use at your own risk."

Amazon Web Services

Ed-Fi ODS/API Cloud Deployment for AWS (Suite 3) - out of date, last updated in 2020 for ODS/API 5.0. The deployment guide may still prove useful, and a motivated individual could update the CloudFormation templates to support newer software.

Azure

Deploying the Ed-Fi ODS API 6.1 on Azure - using App Services

ODS/API 5.3 Deployment on Azure from K12 Analytics Engineering - using App Services

Google Cloud Platform

Ed-Fi Kubernetes Deployment - also a good starting point for Kubernetes on other platforms)

How To: Run Ed-Fi on Google Cloud - using Cloud Run

For Tech Suite 3

- ACAN Research Spike on Transcript Transfer
- Analytics Middle Tier Community Contributions
- Assessment Loaders for Ed-Fi ODS / API v3.x
- Attendance Dashboard for Principals
- Chronic Absenteeism Quick Start (Metabase)
- Dashboard Replacement Proof of Concept
- Data Governance and Management – Best Practices Research
- Documentation for Essential Questions of Assessment Outcomes - EQ 29
- Ed-Fi API to Data Marts
- Ed-Fi Assessment API Bridge
- Ed-Fi Clever Integration
- Ed-Fi Credentials Starter
- Ed-Fi Data Checker
- Ed-Fi Generate Plug-In (Suite 3)
- Ed-Fi Google Classroom Roster
- Ed-Fi Kubernetes Deployment
- Ed-Fi Model RFP
- Ed-Fi ODS/API Cloud Deployment for AWS (Suite 3)
- Ed-Fi ODS/API Cloud Deployment for Azure (Suite 3)
- Ed-Fi Sample Data Generator
- Ed-Fi Sample Data Time Travel Script
- EPDM Implementation Resources
- EPP Candidate Employment Starter Visuals
- Essential Question 21: Are students on track to become college and career ready?
- Family Engagement Portal
- Freshman On Track PowerBI Dashboard
- HL7-Immunizations-API
- How To: Create a TeamCity Build for the Ed-Fi ODS/API - Suite 3

Recently Updated

Student Engagement Management
created Dec 21, 2023
Ed-Fi ODS/API Cloud Deployment for AWS (Suite 3)
updated Feb 28, 2023
view change
EPP Candidate Employment Starter Visuals
updated Feb 16, 2023
view change
Ed-Fi ODS/API Cloud Deployment for Azure (Suite 2)
updated Feb 07, 2023
view change
Ed-Fi ODS/API Cloud Deployment for Azure (Suite 3)
updated Feb 07, 2023
view change
Ed-Fi Sample Data Generator
updated Jan 06, 2023
view change
Project Meadowlark
updated Sep 21, 2022
view change
ODS/API 5.3 Deployment on Azure from K12 Analytics Engineering
updated Sep 01, 2022
view change
ODS/API 5.3 Deployment on Azure from K12 Analytics Engineering
created Aug 31, 2022
view change
Ed-Fi API to Data Marts
updated Aug 31, 2022
view change

Popular

- Ed-Fi ODS/API Cloud Deployment for AWS (Suite 3)
- Ed-Fi ODS/API Cloud Deployment for Azure (Suite 3)
- Teacher Preparation Dashboard
- Ed-Fi Data Checker
- Project Buzz
- Attendance Dashboard for Principals
- Quick Deploy of Ed-Fi ODS / API Development Server using Amazon Machine Images
• How To: Run Ed-Fi on Google Cloud
• How To: Setup an Octopus Deploy of the Ed-Fi ODS/API - Suite 3
• Illuminate Integration - Instructional Reporting
• ODS/API 5.3 Deployment on Azure from K12 Analytics Engineering
• OtisEd iMart Ed-Fi Data Warehouse Starter Kit
• Performance Testing Framework
• Project Buzz
• Quick Deploy of Ed-Fi ODS / API Development Server using Amazon Machine Images
• Quick Deploy of Ed-Fi ODS / API Development Server using Google Cloud VM Image (v3.4)
• Quick Deploy of Ed-Fi ODS / API Development Server Using On Premises Server
• Response to Intervention App
• SDCOE Data Hub Prototype
• SDCOE Universal Transcript
• Student Engagement Management
• Student Engagement Tracking
• Student360
• Teacher Preparation Dashboard
• The North Allegheny Ed-Fi Survey Data Loader
• The North Allegheny Interventions Management Interface

For Tech Suite 2

• Analytics Middle Tier Community Contributions
• Aspire Chronic Absenteeism Text Notification System
• Dashboard Replacement Proof of Concept
• Data Governance and Management – Best Practices Research
• Data Import Templates
• Ed-Fi Analytics Views for Google Data Studio
• Ed-Fi Assessment Composite
• Ed-Fi Data Checker
• Ed-Fi Extensions for CRDC
• Ed-Fi Generate Plug-In (Suite 2)
• Ed-Fi Model RFP
• Ed-Fi ODS/API Cloud Deployment for Azure (Suite 2)
• Ed-Fi Sample Data Generator
• Ed-Fi Sample Data Time Travel Script
• Ed-Fi to OneRoster Utility
• Essential Question 24 in the Middle Grades - Are My Students Improving in Math?
• Essential Question 58: Do teachers grades align to the various assessment results?
• MetaEd Temporal System Versioned Tables Plugin
• Project Buzz
• Quick Deploy of Ed-Fi ODS / API Development Server Using On Premises Server
• SDCOE Data Hub Prototype
• Student Engagement Tracking
• Tableau Reports (Chico California Unified School District)
• WISEsearch

All Code & Technology

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Student Engagement Tracking
Student360
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All Guides & Documentation

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- EPDM Implementation Resources
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- Quick Deploy of Ed-Fi ODS / API Development Server using Google Cloud VM Image (v3.4)
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Archived Resources

Content by label

There is no content with the specified labels