

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](#).

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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[Ed-Fi ODS/API Cloud Deployment for AWS \(Suite 3\)](#) - ⚠️ out of date, last updated in 2020 for ODS/API 5.0.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](#)
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- [How To: Create a TeamCity Build for the Ed-Fi ODS/API - Suite 3](#)

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[Data Import Community Contributed Templates](#)

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[Using n8n for Loading CSV Files into the Ed-Fi API](#)

created Jan 31, 2024

[Project Meadowlark](#)

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[Student Survey Dashboard for Teachers](#)

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[Student Engagement Management](#)

created Dec 21, 2023

[Ed-Fi ODS/API Cloud Deployment for AWS \(Suite 3\)](#)

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[EPP Candidate Employment Starter Visuals](#)

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[Ed-Fi ODS/API Cloud Deployment for Azure \(Suite 2\)](#)

updated Feb 07, 2023

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- [Teacher Preparation Dashboard](#)
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- [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](#)
- [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](#)
- [Student Survey Dashboard for Teachers](#)
- [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](#)
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All Code & Technology

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All Guides & Documentation

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- [Ed-Fi Model RFP](#)
- [EPDM Implementation Resources](#)
- [How To: Create a TeamCity Build for the Ed-Fi ODS/API - Suite 3](#)
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