



Zowe Community Roadmap

24PI2





24PI2 Community Roadmap

Planned

Under Consideration

24PI1

24PI2

24PI3

24PI4

25PI1

CLI
Squad

Sync'd Profile Schema Updates

Searching Files and Spool

Client Software Event Notification System

SDK Conformance and LTS Status

OpenSSF Best Practices Passing Badge

Connect to Multiple API Gateways

OpenSSF Best Practices Silver Badge

OpenSSF Best Practices Gold Badge

Explorer
Squad

Enhanced Jobs Tree View

Enable Client Certificate Authentication

Improve Experience With API ML Sessions

Interactive Access to Tree View Resources

Searching Within Jobs and Data Sets

Zowe Explorer V3 GA

IntelliJ
Squad

Zowe Explorer Plug-in for IntelliJ IDEA – prepare v2.0.0 (Zowe V3) for preview

Feature to use Zowe API ML in Zowe Explorer plug-in for IntelliJ IDEA

Zowe zDevOps plug-in for Jenkins release v0.2.0

Zowe mainframe-specific languages support in IntelliJ IDEA

Zowe Explorer Plug-in for IntelliJ IDEA v1.2.1 and v1.2.2 release

CICS extension MVP - basic interactions + tree for CICS resources

UI plug-in for Jenkins in IntelliJ IDEA IDEs v0.1.0



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API
Squad

Spring Cloud Gateway proxy replaces the current Gateway

Report API ML State During Startup

Improve Logging for the API ML

Observability for API ML

Web UI
Squad

Zowe Server Setup JCL Overhaul

Zowe Server-Side Install Wizard (formerly ZEN)

Ivy-Based Angular Desktop

System
Squad

Expand Build and Test Infrastructure



CLI Roadmap

Problem (what exactly are we solving?)	Solution (how are we solving the problem?)	Expected Timeline				
Sync'd Profile Schema Updates Zowe CLI overwrites team config profile entries contributed by Zowe Explorer extensions, preventing those extensions from being able to properly access profiles from a user's team config.	Schema profile additions will be synchronized in such a way that both VS Code extensions and Zowe CLI plug-ins can contribute to a schema without removing the profiles contributed by the other.	24PI1	24PI2	24PI3	24PI4	25PI1
Searching Files and Spool Users are not able to easily locate a data set, member, or spool file that contains information that they are looking for.	Give users the ability to search data sets, PDS members, or spool files for a given string, returning a list of files that contain the string and line numbers for each occurrence of the string in the file.	24PI1	24PI2	24PI3	24PI4	25PI1
Client Software Event Notification System The Zowe client components have no way of knowing what actions the user has taken in other Zowe Client software that may impact how they are expected to behave	Implement a system for sharing event notifications (such as a user updating a password) that can be shared by all Zowe Client software regardless of programming language or runtime environment.	24PI1	24PI2	24PI3	24PI4	25PI1
SDK Conformance and LTS Status Mainframe developers are interested in extending the existing SDKs in order to create applications for their services	Solidify the SDK Conformance guidelines for new services (like CICS) and languages (like Kotlin). Prepare the SDKs technically and logistically for conformance, Determine if existing SDKs are conformant, Communicate conformance gaps for prioritization, Release the Node.js SDK as LTS.	24PI1	24PI2	24PI3	24PI4	25PI1
OpenSSF Best Practices Passing Badge The Zowe Project has not earned the gold OpenSSF Best Practices Badge, a requirement from LF/OMP that ensures the Open-Source project satisfies FLOSS Best Practices criteria	Review requirements and take necessary actions to satisfy them and earn the PASSING badge level	24PI1	24PI2	24PI3	24PI4	25PI1
Connect to Multiple API Gateways Users cannot use team config to access services behind multiple APIML gateways.	Allow users to optionally specify explicit profile links in team configs - initially to link a service profile to a base (APIML) profile, so that Zowe CLI and Zowe Explorer can identify which APIML connection to use for a given service profile.	24PI1	24PI2	24PI3	24PI4	25PI1
OpenSSF Best Practices Silver Badge The Zowe Project has not earned the gold OpenSSF Best Practices Badge, a requirement from LF/OMP that ensures the Open-Source project satisfies FLOSS Best Practices criteria	Review requirements and take necessary actions to satisfy them and earn the SILVER badge level	24PI1	24PI2	24PI3	24PI4	25PI1
OpenSSF Best Practices Gold Badge The Zowe Project has not earned the gold OpenSSF Best Practices Badge, a requirement from LF/OMP that ensures the Open-Source project satisfies FLOSS Best Practices criteria	Review requirements and take necessary actions to satisfy them and earn the GOLD badge level	24PI1	24PI2	24PI3	24PI4	25PI1



Explorer Roadmap

Problem (what exactly are we solving?)	Solution (how are we solving the problem?)	Expected Timeline				
Enhanced Jobs Tree View Users would like a comparable experience working with JES files, Zowe Explorer doesn't have a lot of functionality in that tree compared to others.	Add more functionality to jobs in the tree, ie. local sorting, filtering, and more.	24PI1	24PI2	24PI3	24PI4	25PI1
Enable Client Certificate Authentication Users are unable to configure Zowe Explorer to authenticate to z/OSMF and the Zowe API Mediation Layer using client certificates.	Provide a UI that allows users to select certificate files and use those certificates for authentication to z/OSMF or the APIML.	24PI1	24PI2	24PI3	24PI4	25PI1
Improve Experience With API ML Sessions Many users of Zowe Explorer aren't familiar with or are unaware of authentication methods supported by Zowe Explorer, like token authentication, SSO, & MFA.	For users of the API ML with SSO and MFA, there are enhancements we could make to provide a more first-class experience.	24PI1	24PI2	24PI3	24PI4	25PI1
Interactive Access to Tree View Resources Users and extenders want to be able to see more information than the current treeviews can provide.	Provide a way to view Zowe Explorer resources that provides more information, possibly as a table with sortable columns providing information about each resource, for example.	24PI1	24PI2	24PI3	24PI4	25PI1
Searching Within Jobs and Data Sets Users that are accustomed to using Search-For in ISPF cannot search for a string in data sets or job spool files using Zowe Explorer.	Give users the ability to search for a string in a filtered list of data sets and jobs, returning a list of data sets or jobs that contain the search term.	24PI1	24PI2	24PI3	24PI4	25PI1
Zowe Explorer V3 GA We have a great deal of items to complete for the v3 GA date and we don't want to miss anything important.	Prepare a plan for dependency & engine updates, enhancements, migration tactics, and other items needed for our v3 GA release.	24PI1	24PI2	24PI3	24PI4	25PI1
		24PI1	24PI2	24PI3	24PI4	25PI1
		24PI1	24PI2	24PI3	24PI4	25PI1



IntelliJ Roadmap

Problem (what exactly are we solving?)	Solution (how are we solving the problem?)	Expected Timeline				
Zowe Explorer Plug-in for IntelliJ IDEA – prepare v2.0.0 (Zowe V3) for preview Before the plug-in's GA as v2.0.0 (Zowe v3) we need to prepare a preview of the plug-in, so the users would be able to try the features to appear in the version	Preparing the shape of the plug-in before the preview	24PI1	24PI2	24PI3	24PI4	25PI1
Feature to use Zowe API ML in Zowe Explorer plug-in for IntelliJ IDEA We've discovered some ways to work with the Zowe API ML, but we don't have prepared structure to work with it in our plug-in	Investigate, how to introduce possibility to work with a mainframe using Zowe API ML	24PI1	24PI2	24PI3	24PI4	25PI1
Zowe zDevOps plug-in for Jenkins release v0.2.0 There are some new features as classic freestyle jobs, new declarative steps, etc. to be implemented and released in the new version of the Zowe zDevOps plug-in for Jenkins	Release the v0.2.0 of the Zowe zDevOps plug-in for Jenkins	24PI1	24PI2	24PI3	24PI4	25PI1
Zowe mainframe-specific languages support in IntelliJ IDEA There are some solutions to adopt in the IntelliJ IDEA platform to support the mainframe-specific languages, such as COBOL, HLASM, PL/I, etc.	Investigate and implement plug-ins that will support TextMate grammar and LSP support in IntelliJ IDEA	24PI1	24PI2	24PI3	24PI4	25PI1
Zowe Explorer Plug-in for IntelliJ IDEA v1.2.1 and v1.2.2 release After the next minor version of the plug-in is released, the plug-in stability and issues must be maintained	Together with some old ones, fix new bugs after v1.2.0 release	24PI1	24PI2	24PI3	24PI4	25PI1
CICS extension MVP - basic interactions + tree for CICS resources As an IntelliJ Platform user, I want to have access to CICS resources and to be able to work with them through the IntelliJ IDEA IDEs	Set up the environment to work with CICS, implement the new plugin as an extension to the Zowe Explorer plug-in for IntelliJ IDEA, implement a connection to the CICS through CMCI API, implement tree view of the CICS resources	24PI1	24PI2	24PI3	24PI4	25PI1
UI plug-in for Jenkins in IntelliJ IDEA IDEs v0.1.0 As IntelliJ and Jenkins user, I want to have a user interface inside IntelliJ IDEs to be able to work with Jenkins through the IntelliJ IDE, that supports mainframe-specific functions	Implement the basic design of the user interface to interact with Jenkins, implement interaction with pipelines	24PI1	24PI2	24PI3	24PI4	25PI1
		24PI1	24PI2	24PI3	24PI4	25PI1



API Mediation Layer Roadmap

Problem (what exactly are we solving?)	Solution (how are we solving the problem?)	Expected Timeline				
Spring Cloud Gateway proxy replaces the current Gateway Current Netflix ZUUL gateway is no longer actively developed	Deliver a new gateway built upon the Spring Cloud Gateway	24PI1	24PI2	24PI3	24PI4	25PI1
Report API ML State During Startup The users want to automate behavior on the startup of API ML.	Provide correct WTO message when the API ML is actually started.	24PI1	24PI2	24PI3	24PI4	25PI1
Improve Logging for the API ML Currently it's difficult for Users to self-analyze and fix the configuration of Zowe	Provide high quality logs with meaningful and actionable information	24PI1	24PI2	24PI3	24PI4	25PI1
Observability for API ML The customers need to integrate the mainframe APIs into their wider observability effort.	Implementing the integration of the API ML traffic data with popular solutions such as Splunk or ELK stack	24PI1	24PI2	24PI3	24PI4	25PI1
		24PI1	24PI2	24PI3	24PI4	25PI1
		24PI1	24PI2	24PI3	24PI4	25PI1
		24PI1	24PI2	24PI3	24PI4	25PI1
		24PI1	24PI2	24PI3	24PI4	25PI1

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