

Item Number	Version	Required	Best Practice	Conformant	Conformance Criteria	Notes
<b>Application Service</b>						
1	C1	x			An application provides at least one service or UI register with discovery services	
2		Mark (a) or (b)			<b>A service must be registered using one of the following methods</b> <b>[please mark which one applies (a) or (b)]:</b>	
	C1		x		a. Dynamic Registration	
	C1	x			b. Static Definition	
3	C1	x			The service must provide a default service ID that is prefixed by the provider name (for example: `acme`, `xyzcorp`, `bar`)	
4	C1	x			The service ID must be configurable externally after deployment	
5	C1	x			The service ID must written in lower case, contain no symbols, and is limited to 64 characters	
6	C1	x			The API ID must follow the same rules as for Java packages. The example of the API ID: zowe.apiml.apicatalog	
7	C1	x			The published service URL must follow the gateway URL conventions	
8		Versioned			<b>[mark just one section - Versioned or Non-Versioned]</b> <b>For versioned APIs, service URLs must contain a service version before the service ID in the following formats:</b>	
	C1	x			- api/v1/{serviceld} reserved for REST APIs	
	C1	x			- ui/v1/{serviceld} reserved for Uis	
	C1	x			- ws/v1/{serviceld} reserved for WebSockets	
		Non-Versioned			<b>For non-versioned APIs or APIs versioned differently (e. g. z/OSMF), use the following formats:</b>	
	C1	x			- api/{serviceld} reserved for REST APIs	
	C1	x			- ui/{serviceld} reserved for UIs	
	C1	x			- ws/{serviceld} reserved for WebSockets	
9		Mark (a) or (b)			<b>The registration of the service must not be done by modifying the Zowe runtime directory api-defs folder. Supported methods include:</b> <b>[please mark which one applies (a) or (b)]:</b>	
	C1	x			a. adding the static API definition YAML file path to instance.env file for the Zowe workspace	
	C1	x			b. copying the static API definition YAML file to the instance directory workspace api-definitions directory	
<b>API Documentation</b>						
10	C1	x			Documentation is Swagger/Open API 2.0/Open API 3.0 compliant	

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11	C1	x			Every public resource is documented with a description of each resource	
12	C1	x			Every method of each REST endpoint is documented	
13	C1	x			Every method of each REST endpoint is demonstrated by example	
14	C1	x			Every parameter (headers, query parameters, payload, cookies, etc.) is documented with definitions of all possible values and their associated meanings	
15	C1	x			Every HTTP error code must be documented. If endpoint has additional more granular error codes just the documentation reference can be provided for these	
<b>API Naming and Addressing</b>						
16	C1		x		Encoded slash is not used	
17	C1	x			The service interprets values independent of their URL encoding	
18	C1		x		lowerCamelCase is used for names of resources, parameters, and JSON properties	
<b>Service Requests and Responses</b>						
19	C1		x		API - Request and response payloads are in JSON or binary data format	
20	C1	x			API - In JSON format, links are relative, and must not contain the schema, hostname, and port	
21	C1	x			WebSocket - Service URIs contained in WebSocket messages payload are addressed through the API ML Gateway	
22	C1	x			UI - UI uses relative links and does not contain the schema, hostname, and port	
<b>Authentication and Authorization</b>						
23	C1	x			Resources are protected by mainframe credentials	
24	C1	x			Services accept basic authentication (minimum requirement)	
25	C1		x		Single-Sign-On Support: Services accept EITHER Zowe JWT token in the cookie OR support PassTickets	
<b>Versioning and Support</b>						
26	C1		x		Service implementation follows the semantic versioning model	
27	C1	x			Last two major versions are supported by API services	
<b>UI</b>						
28	C1	x			UI uses only relative URLs	
<b>WebSocket Services</b>						
29	C1	x			WebSocket connection creation, all subsequent communication between WebSocket client, and server is routed through the API ML Gateway	

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30	C1	x			WebSocket connections are closed by the initiator through API ML Gateway	
<b>Lifecycleing</b>						
31	C1		x		Running as a Zowe address space	
<b>Directory and File Ownership Permissions</b>						
32	C1	x			A conformant application must not modify the contents of the Zowe runtime USS directory and it must not change any directory or file permissions or ownership within the Zowe runtime	
33	C1	x			A conformant application must not modify the permissions or ownership of a Zowe instance directory workspace.	
<b>Support</b>						
34	C1	x			Submitter describes how Support is provided and Support details are clearly documented	