

FedRAMP OSCAL Registry

Cardinality					FedRAMP Information			All FedRAMP extensions must include a ns flag with the value https://fedramp.gov/ns/oscal	OSCAL Data Type	See Defined Identifiers Tab	See Accepted Values Tab	Notes
Baseline	SSP	SAP	SAR	POA&M	Data	Field/Assembly	name="___"	XPath notation (<i>explicit prefixes, case sensitive</i>)				
0 or 1	n/a	0 or 1	0 or 1	n/a	Response Point A property whose presence indicates its parent part is a required point of response for FedRAMP stakeholders.	prop	response-point	/o:profile/o:modify/o:alter/o:add/o:prop /o:profile/o:modify/o:alter/o:add//o:part/o:prop /o:catalog//o:control//o:part/o:prop /o:assessment-plan/o:local-definitions/o:objectives-and-methods//part/o:prop /o:assessment-results/o:local-definitions/o:objectives-and-methods//part/o:prop	string			This appears in FedRAMP profiles and resolved profile catalogs. For control statements, it signals to the CSP which statements require a response in the SSP. For control objectives, it signals to the assessor which control objectives must appear in the assessment results, which aligns with the FedRAMP test case workbook.
0 to ∞	0 to ∞	0 to ∞	0 to ∞	0 to ∞	Party Identifier Identifies the party who authored this revision.	prop	party-uuid	/*/o:metadata/o:revisions/o:revision/o:prop	uuid			
n/a	n/a	0 or 1	0 or 1	n/a	ISO/IEC 17020 Identifier The ISO/IEC-17020 identifier assigned to the assessor related to their status as an A2LA Accredited Third Party Assessment Organization.	prop	iso-iec-17020-identifier	/o:assessment-plan/o:metadata/o:party/o:prop /o:assessment-results/o:metadata/o:party/o:prop	string			
0 or 1	n/a	n/a	n/a	n/a	Core Control Identifies a control that must be included in every FedRAMP assessment.	prop	CORE	/o:profile/o:modify/o:alter/o:add/o:prop /o:profile/o:modify/o:alter/o:add//o:control/o:prop /o:catalog//o:control/o:prop	string			Core controls must be assessed every year, and are often subject to additional scrutiny by assessors and adjudication reviewers.
n/a	1	n/a	n/a	n/a	eAuth Level (OVERALL) The overall electronic authentication (eAuth) level applied to the system.	prop	security-eauth-level	/o:system-security-plan/o:system-characteristics/o:prop system-characteristics/o:prop[@name='authenticator-assurance-level'] system-characteristics/o:prop[@name='federation-assurance-level'] system-	integer		x	FedRAMP requires all Low systems to be at Level 1

								characteristics/o:prop[@name='identity-assurance-level']				
n/a	1	n/a	n/a	n/a	Authorization Type Identifies the FedRAMP authorization type.	prop	authorization-type	/o:system-security-plan/o:system-characteristics/o:prop	token		x	
n/a	1	n/a	n/a	n/a	Internal Users The current number of users internal to the organization.	prop	users-internal	/o:system-security-plan/o:system-implementation/o:prop	integer			
n/a	1	n/a	n/a	n/a	External Users The current number of users external to the organization.	prop	users-external	/o:system-security-plan/o:system-characteristics/o:prop	integer			
n/a	1	n/a	n/a	n/a	Future Internal Users The anticipated number of users internal to the organization in one year.	prop	users-internal-future	/o:system-security-plan/o:system-characteristics/o:prop	integer			
n/a	1	n/a	n/a	n/a	Future External Users The anticipated number of users external to the organization in one year.	prop	users-external-future	/o:system-security-plan/o:system-characteristics/o:prop	integer			
n/a	1	n/a	n/a	n/a	Privacy Threshold Analysis Q1 Does the ISA collect, maintain, or share PII in any identifiable form?	prop	privacy-threshold-analysis-q1	/o:system-security-plan/o:system-characteristics/o:system-information/o:prop	token		x	
n/a	1	n/a	n/a	n/a	Privacy Threshold Analysis Q2 Does the ISA collect, maintain, or share PII from or about the public?	prop	privacy-threshold-analysis-q2	/o:system-security-plan/o:system-characteristics/o:system-information/o:prop	token		x	
n/a	1	n/a	n/a	n/a	Privacy Threshold Analysis Q3 Has a Privacy Impact Assessment (PIA) ever been performed for the ISA?	prop	privacy-threshold-analysis-q3	/o:system-security-plan/o:system-characteristics/o:system-information/o:prop	token		x	
n/a	1	n/a	n/a	n/a	Privacy Threshold Analysis Q4 Is there a Privacy Act System of Records Notice (SORN) for this ISA system?	prop	privacy-threshold-analysis-q4	/o:system-security-plan/o:system-characteristics/o:system-information/o:prop	token		x	
n/a	0 or 1	n/a	n/a	n/a	SORN ID An assigned System of Records Notice (SORN) identifier for this system.	prop	sorn-id	/o:system-security-plan/o:system-characteristics/o:system-information/o:prop	string			
n/a	1 to ∞	n/a	n/a	n/a	User Sensitivity Level Defines the sensitivity level of the identified user type.	prop	sensitivity	/o:system-security-plan/o:system-implementation/o:user/o:prop	token		x	Values are as required by FedRMAP for packages based on NIST 800-53, Revision 4. Authoritative source: OPM Position

												Designation (Page 18).
n/a	1 to ∞	n/a	n/a	n/a	Service Processor Name of the interconnection service processor.	prop	service-processor	/o:system-security-plan/o:system-implementation /o:component[@type='interconnection']/o:prop	string			
n/a	1 to ∞	n/a	n/a	n/a	Transmitted Information Describes the information transmitted over the interconnection.	prop	information	/o:system-security-plan/o:system-implementation /o:component[@type='interconnection']/o:prop	string			
n/a	1 to ∞	n/a	n/a	n/a	Interconnection Port A port used by the interconnection for the communication.	prop	port	/o:system-security-plan/o:system-implementation /o:component[@type='interconnection']/o:prop	string			
n/a	1 to ∞	n/a	n/a	n/a	Service Processor A circuit used for the communication.	prop	circuit	/o:system-security-plan/o:system-implementation /o:component[@type='interconnection']/o:prop	string			
n/a	1 to ∞	n/a	n/a	n/a	Connection Security Identifies the mechanisms/protocol(s) used to secure the communication.	prop	connection-security	/o:system-security-plan/o:system-implementation /o:component[@type='interconnection']/o:prop	token		x	
n/a	1 to ∞	n/a	n/a	n/a	Service Used By Identifies what uses the service.	prop	used-by	/o:system-security-plan/o:system-implementation/o:component[@type='service'] /o:prop	string			
n/a	0 to ∞	0 to ∞	0 to ∞	n/a	Scan Type Identifies the type(s) of scans to be performed on this inventory-item or component.	prop	scan-type	/o:system-security-plan/o:system-implementation/o:component/o:prop /o:system-security-plan/o:system-implementation/o:system-inventory /o:o:inventory-item/o:prop /o:assessment-plan/o:local-definitions /o:component/o:prop /o:assessment-plan/o:local-definitions /o:o:inventory-item/o:prop /o:assessment-results/o:result/o:local-definitions/o:component/o:prop /o:assessment-results/o:result/o:local-definitions/o:o:inventory-item/o:prop	token		x	
n/a	0 or 1	n/a	n/a	n/a	Planned Completion Date Provides the date the control expects to be implemented. Must be present when Implementation Status is "Planned"	prop	planned-completion-date	/o:system-security-plan/o:control-implementation/o:implemented-requirement /o:prop	date			
n/a	n/a	n/a	1	n/a	Authorization Recommendation Indicates whether the assessor recommends the system be authorized by the authorizing official.	prop	authorization-recommendation	/o:assessment-results/o:results/o:prop	token		x	
n/a	n/a	0 or 1	n/a	0 or 1	Short Title The short name for the system represented in the resource.	prop	title-short	/o:assessment-plan/o:back-matter/o:resource /o:prop /o:plan-of-action-and-milestones/o:back-matter/o:resource/o:prop	string			
n/a	n/a	0 or 1	n/a	0 or 1	System Identifier The FedRAMP-	prop	system-id	/o:assessment-plan/o:back-matter/o:resource /o:prop	string			

					assigned identifier for this system.			/o:plan-of-action-and-milestones/o:back-matter/o:resource/o:prop				
n/a	n/a	0 or 1	n/a	0 or 1	Profile The baseline/profile for this system based on its FIPS-199 categorization.	prop	import-profile	/o:assessment-plan/o:back-matter/o:resource/o:prop /o:plan-of-action-and-milestones/o:back-matter/o:resource/o:prop	uri			
n/a	n/a	0 or 1	n/a	0 or 1	Authorization Date The date the system was authorized. Omit or leave blank for an initial authorization.	prop	authorization-date	/o:assessment-plan/o:back-matter/o:resource/o:prop /o:plan-of-action-and-milestones/o:back-matter/o:resource/o:prop	date			
n/a	n/a	0 or 1	n/a	0 or 1	Purpose Explains the system's purpose.	prop	purpose	/o:assessment-plan/o:back-matter/o:resource/o:prop /o:plan-of-action-and-milestones/o:back-matter/o:resource/o:prop	string			
n/a	n/a	0 or 1	n/a	0 or 1	Description A brief description of the system.	prop	description	/o:assessment-plan/o:back-matter/o:resource/o:prop /o:plan-of-action-and-milestones/o:back-matter/o:resource/o:prop	string			
n/a	n/a	0 or 1	0 or 1	n/a	Sampling Indicates whether a sampling methodology was used instead of assessing the entire system.	prop	sampling	/o:assessment-plan/o:assessment-subject/o:prop /o:assessment-results/o:results/o:assessment-subject/o:prop	token		x	
n/a	n/a	n/a	0 or 1	n/a	Objective Implementation Status Indicates the implementation status of the control objective.	prop	control-objective-implementation-status	/o:assessment-results/o:results/o:finding/o:objective-status/o:prop	token		x	
n/a	n/a	n/a	0 to ∞	n/a	Leveraged Authorization Indicates a leveraged authorization used for this control.	prop	leveraged-authorization-uuid	/o:assessment-results/o:results/o:finding/o:objective-status/o:prop	uuid			This is for legacy SSP conversion to OSCAL. The preferred approach is to specify the leveraged system as a component and reference it in the control using by-component.
n/a	n/a	1	n/a	n/a	Short System Name The abbreviated name for the system, such as an acronym.	prop	title-short	/o:assessment-plan/o:back-matter/o:resource[./o:prop[@name='type']] ['no-oscals-ssp']/o:prop	string			
n/a	n/a	1	n/a	n/a	Short System Name The FedRAMP-assigned system identifier.	prop	system-id	/o:assessment-plan/o:back-matter/o:resource[./o:prop[@name='type']] ['no-oscals-ssp']/o:prop	string			
n/a	n/a	1	n/a	n/a	Relevant Baseline Identifies the relevant OSCAL baseline.	prop	import-profile	/o:assessment-plan/o:back-matter/o:resource[./o:prop[@name='type']] ['no-oscals-ssp']/o:prop	uri			As with all URIs in OSCAL, this may contain a URI fragment, which identifies the local resource containing

												the relevant profile.
n/a	n/a	1	n/a	n/a	Short System Name The FedRAMP-assigned system identifier.	prop	system-id	/o:assessment-plan/o:back-matter /o:resource[./o:prop[@name='type']] [.='no-oscal-ssp']/o:prop	string			
n/a	n/a	1	n/a	n/a	Authorization Date The date of the system's initial FedRAMP authorization.	prop	authorization-date	/o:assessment-plan/o:back-matter /o:resource[./o:prop[@name='type']] [.='no-oscal-ssp']/o:prop	dateTime-with-timezone			
n/a	[unspecified]	[unspecified]	[unspecified]	n/a	Login URL The login URL for a web application.	prop	login-url	/o:system-security-plan/o:system-implementation/o:o:inventory-item/o:prop /o:assessment-plan/o:task/o:prop /o:assessment-results/o:result/o:local-definition/o:o:inventory-item/o:prop	NCName			
n/a	n/a	[unspecified]	[unspecified]	n/a	Login ID The login ID used to assess the web application.	prop	login-id	/o:assessment-plan/o:task/o:prop /o:assessment-results/o:result/o:local-definition/o:o:inventory-item/o:prop	NCName			
n/a	n/a	[unspecified]	[unspecified]	n/a	Test Type Indicates the type of test represented by the task.	prop	test-type	/o:assessment-plan/o:task/o:prop /o:assessment-results/o:result/o:local-definition/o:o:inventory-item/o:prop	NCName		x	
n/a	n/a	[unspecified]	[unspecified]	n/a	User Identifier Cites the SSP defined user role to use for testing.	prop	user-uuid	/o:assessment-plan/o:task/o:prop /o:assessment-results/o:result/o:local-definition/o:o:inventory-item/o:prop	uuid			
n/a	n/a	n/a	n/a	0 or 1	POA&M ID A CSP-assigned POA&M identifier.	prop	poam-id	/o:plan-of-action-and-milestones/o:poam-item/o:prop	string			
n/a	n/a	n/a	[unspecified]	[unspecified]	Impacted Control A control impacted by this POA&M item.	prop	impacted-control-id	/o:assessment-results/o:result/o:risk/o:prop /o:plan-of-action-and-milestones/o:risk/o:prop	token			Impacted control is required in the POA&M and optional in the SAR. It is allowed in the SAR in anticipation of duplicatng open risks from the SAR to the POA&M.
n/a	n/a	n/a	0 or 1	0 or 1	Risk Priority Assessor's recommended risk priority. Lower numbers are higher priority. One (1) is highest priority.	prop	priority	/o:assessment-results/o:result/o:risk/o:prop /o:plan-of-action-and-milestones/o:risk/o:prop	integer			
n/a	n/a	n/a	1	n/a	Assessor's Authorization Recommendation Indicates the assessor's recommendation for initial or continued authorization.	prop	recommend-authorization	/o:assessment-results/o:result/o:attestation /o:part[@name='authorization-statements'] /o:prop	NCName		x	

n/a	n/a	n/a	0 or 1	0 or 1	Vulnerability Identifier A tool assigned vulnerability ID.	prop	vulnerability-id	/o:plan-of-action-and-milestones/o:risk /o:characterization/o:origin /o:actor[@type='tool']/o:prop /o:assessment-results/o:result/o:risk /o:characterization/o:origin /o:actor[@type='tool']/o:prop	string			
n/a	n/a	n/a	0 or 1	0 or 1	Plugin Identifier A tool assigned Plugin ID.	prop	plugin-id	/o:plan-of-action-and-milestones/o:risk /o:characterization/o:origin /o:actor[@type='tool']/o:prop /o:assessment-results/o:result/o:risk /o:characterization/o:origin /o:actor[@type='tool']/o:prop	string			
n/a	n/a	n/a	0 or 1	0 or 1	Operational Requirement The risk cannot be remediated without impact to the system and must be accepted.	prop	operational-requirement	/o:plan-of-action-and-milestones/o:risk /o:prop /o:assessment-results/o:result/o:risk/o:prop /o:plan-of-action-and-milestones /o:observation/o:prop /o:assessment-results/o:result/o:observation /o:prop	token		x	
n/a	n/a	n/a	0 or 1	0 or 1	False Positive The risk was found to be a false positive report.	prop	false-positive	/o:plan-of-action-and-milestones/o:risk /o:prop /o:assessment-results/o:result/o:risk/o:prop /o:plan-of-action-and-milestones /o:observation/o:prop /o:assessment-results/o:result/o:observation /o:prop	NCName		x	
n/a	n/a	n/a	0 or 1	0 or 1	Risk Adjustment Mitigating factors were identified or implemented, reducing the likelihood or impact of the risk.	prop	risk-adjustment	/o:plan-of-action-and-milestones/o:risk /o:prop /o:assessment-results/o:result/o:risk/o:prop /o:plan-of-action-and-milestones /o:observation/o:prop /o:assessment-results/o:result/o:observation /o:prop	token		x	
n/a	n/a	n/a	0 or 1	0 or 1	Vendor Dependency A vendor resolution is pending, but not yet available.	prop	vendor-dependency	/o:plan-of-action-and-milestones/o:risk /o:prop /o:assessment-results/o:result/o:risk/o:prop /o:plan-of-action-and-milestones /o:observation/o:prop /o:assessment-results/o:result/o:observation /o:prop	token		x	