STIX Tab	STIX Sub-Tab	IN/OUT	Examples	Field	Guidance	Type	Text Type
STIX Core	STIX Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	1.1.1	@version	This is a required field - DHS will not accepted anything other than 1.1.1 If anything other than the accepted value is submitted the field will be removed during the sanitization process.	stix:STIXPackageVersionEnum	Vocabulary defined text
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
		BOTH	NA	STIX_Header	This is a required Container Object.	stix:STIXHeaderType	Container
		BOTH	NA	Indicators	Container Object	stix:IndicatorsType	Container
		BOTH	NA	TTPs	Container Object	stix:TTPsType	Container
		BOTH	NA	Courses_of_Action	Container Object	stix:CoursesOfActionType	Container
		BOTH	NA	Exploit_Targets	Container Object	stix_common:ExploitTargetsType	Container
	STIX Header Type	BOTH	Provides an unstructured, text title	Title	Review Field - On automated dissemination this field will be replaced by an auto-generated Title. The submitted contents will be reviewed/modified/sanitized and disseminated via human manual process. Future capabilities may eliminate the human review process.	xs:string	Free form text
		BOTH	See Vocab Tab	Package_Intent	This is a required field - Reference the Vocab Tab - stixVocabs:PackageIntentEnum-1.0 If anything other than the accepted value is submitted the field will be removed during the sanitization process.	stixCommon:ControlledVocabularyStringType stixVocabs:PackageIntentEnum-1.0	Vocabulary defined text
		BOTH	Provides an unstructured, text description	Description	Review Field - On automated dissemination this field will be replaced by an auto-generated Title. The submitted contents will be reviewed/modified/sanitized and disseminated via human manual process. Future capabilities may eliminate the human review process.	stixCommon:StructuredTextType	Free form text
		BOTH	NA	Handling	This is a Required Object.	AISMarking	Container
		OUT	AIS Profile v1.1	Profile	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	stixCommon:ProfilesType	Free form text
	Indicators Type	BOTH	NA	Indicator	Container Object	stixCommon:IndicatorBaseType	Container
	TTPs Type	BOTH	NA	Kill_Chains	Container Object	stixCommon:KillChainsType	Container
		BOTH	NA	TTP	Container Object	TTPType	Container
STIX Common	Information Source Type	OUT	NA	Time	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	cyboxCommon:TimeType	Container

		OUT	NA	Contributing_Sources	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC. Note that the submitter's identity is only provided if AIS-Consent Marking allows it.	stixCommon:ContributingSourcesType	Container
		OUT	NA	ToolsInformationType	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	cyboxCommon:ToolInformationType	Container
		IN	NA	Identity	Container Object	CIQIdentity3.0InstanceType	Container
	Contributing Sources Type	OUT	NA	Source	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	stixCommon:InformationSourceType	Container
	Kill Chains Type	BOTH	NA	Kill_Chain	Container Object	stixCommon:KillChainType	Container
	Kill Chain Type	BOTH	KillChain-af3e707f-2fb9-49e5-8c37-14026ca0a5ff	@id	The only value for this field is stix:KillChain-af3e707f-2fb9-49e5-8c37-14026ca0a5ff	xs:QName	Schema restricted text (partial)
		BOTH	LM Cyber Kill Chain	@name	Only the following values are authorized for this field: values:['LM Cyber Kill Chain']	xs:string	Free form text
		BOTH	LMCO	@definer	Only the following values are authorized for this field: values:['LMCO']	xs:string	Free form text
		BOTH	http://www.lockheedmartin.com/content/dam/lockheed/data/corporate/documents/LM-White-Paper-Intel-Driven-defense.pdf	@reference	Only the following values are authorized for this field: values:["http://www.lockheedmartin.com/content/dam/lockheed/data/corporate/documents/LM-White-Paper-Intel-Driven-defense.pdf"]	xs:anyURI	Free form text
		BOTH	7	@number_of_phases	Only the following values are authorized for this field: values:["7"]	xs:string	Free form text
		BOTH	NA	Kill_Chain_Phase	Container Object	stixCommon:KillChainPhaseType	Container
	Kill Chain Phase Type	BOTH	"stix:KillChainPhase-af1016d6-a744-4ed7-ac91-00fe2272185a", "stix:KillChainPhase-445b4827-3cca-42bd-8421-f2e947133c16", "stix:KillChainPhase-79a0e041-9d5f-49bb-ada4-8322622b162d", "stix:KillChainPhase-f706e4e7-53d8-44ef-967f-81535c9db7d0", "stix:KillChainPhase-e1e4e3f7-be3b-4b39-b80a-a593cfd99a4f", "stix:KillChainPhase-d6dc32b9-2538-4951-8733-3cb9ef1daae2", "stix:KillChainPhase-786ca8f9-2d9a-4213-b38e-399af4a2e5d6"]	Reference the Vocab Tab - stixComm	Only the following values are authorized for this field: values:["stix:KillChainPhase-af1016d6-a744-4ed7-ac91-00fe2272185a", "stix:KillChainPhase-445b4827-3cca-42bd-8421-f2e947133c16", "stix:KillChainPhase-79a0e041-9d5f-49bb-ada4-8322622b162d", "stix:KillChainPhase-f706e4e7-53d8-44ef-967f-81535c9db7d0", "stix:KillChainPhase-e1e4e3f7-be3b-4b39-b80a-a593cfd99a4f", "stix:KillChainPhase-d6dc32b9-2538-4951-8733-3cb9ef1daae2", "stix:KillChainPhase-786ca8f9-2d9a-4213-b38e-399af4a2e5d6"]	xs:QName	Free form text
		BOTH	Reconnaissance, "Weaponization", "Delivery", "Exploitation", "Installation", "Command and Control", "Actions on Objectives"	@name	Only the following values are authorized for this field: values:["Reconnaissance", "Weaponization", "Delivery", "Exploitation", "Installation", "Command and Control", "Actions on Objectives"]	xs:string	Free form text
		BOTH	'1', '2', '3', '4', '5', '6', '7'	@ordinality	Only the following values are authorized for this field: values:['1', '2', '3', '4', '5', '6', '7']	xs:int	Free form text
	Kill Chain Phases Reference Type	BOTH	NA	Kill_Chain_Phase	Container Object	stixCommon:KillChainPhaseReferenceType	Container

	Kill Chain Phase Reference Type	BOTH	"stix:KillChainPhase-af1016d6-a744-4ed7-ac91-00fe2272185a", "stix:KillChainPhase-445b4827-3cca-42bd-8421-f2e947133c16", "stix:KillChainPhase-79a0e041-9d5f-49bb-ada4-8322622b162d", "stix:KillChainPhase-f706e4e7-53d8-44ef-967f-81535c9db7d0", "stix:KillChainPhase-e1e4e3f7-be3b-4b39-b80a-a593cfd99a4f", "stix:KillChainPhase-d6dc32b9-2538-4951-8733-3cb9ef1daae2", "stix:KillChainPhase-786ca8f9-2d9a-4213-b38e-	@phase_id	Only the following values are authorized for this field: values:["stix:KillChainPhase-af1016d6-a744-4ed7-ac91-00fe2272185a", "stix:KillChainPhase-445b4827-3cca-42bd-8421-f2e947133c16", "stix:KillChainPhase-79a0e041-9d5f-49bb-ada4-8322622b162d", "stix:KillChainPhase-f706e4e7-53d8-44ef-967f-81535c9db7d0", "stix:KillChainPhase-e1e4e3f7-be3b-4b39-b80a-a593cfd99a4f", "stix:KillChainPhase-d6dc32b9-2538-4951-8733-3cb9ef1daae2", "stix:KillChainPhase-786ca8f9-2d9a-4213-b38e-399af4a2e5d6"]	xs:QName	Free form text
		BOTH	"Reconnaissance", "Weaponization", "Delivery", "Exploitation", "Installation", "Command and Control", "Actions on Objectives"	@name	Only the following values are authorized for this field: values:["Reconnaissance", "Weaponization", "Delivery", "Exploitation", "Installation", "Command and Control", "Actions on Objectives"]	xs:string	Free form text
		BOTH	1','2', '3', '4', '5', '6', '7'	@ordinality	Only the following values are authorized for this field: values:['1','2', '3', '4', '5', '6', '7']	xs:int	Free form text
		BOTH	stix:KillChain-af3e707f-2fb9-49e5-8c37-14026ca0a5ff	@kill_chain_id	Only the following values are authorized for this field: values:['stix:KillChain-af3e707f-2fb9-49e5-8c37-14026ca0a5ff']	xs:QName	Free form text
		BOTH	LM Cyber Kill Chain	@kill_chain_name	Only the following values are authorized for this field: values:['LM Cyber Kill Chain']	xs:string	Free form text
	Statement Type	OUT	8.45	Value	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	stixCommon:ControlledVocabularyStringType	Free form text
	Structured Text Type	BOTH	Any string	@structuring_format	The only allowed value for this field is "plain text". Any other value be ignored.	xs:string	Free form text
	DateTimeWithPrecisionType	BOTH	See Vocab Tab	@precision	Reference the Vocab Tab - stixCommom:DateTimePrescisionEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	stixCommon:DateTimePrecisionEnum	Vocabulary defined text
	ExploitTargetsType As Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
	TTPs Type As Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text

	CourseOfAction As Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		OUT	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
	ConfidenceType	BOTH	NCCIC, Originator	Source	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	xs:string	Free form text
		BOTH	High, Medium, Low, None, Unknown	Value	Reference the Vocab Tab - HighMediumLowVocab-1.0 If anything other than the accepted value is submitted the field will be removed during the sanitization process	HighMediumLowVocab-1.0	Vocabulary defined text
Indicator	IndicatorBaseType	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
		BOTH	See Vocab Tab	Type	Reference the Vocab Tab - stixVocabs:IndicatorTypeEnum-1.1 If anything other than the accepted value is submitted the field will be removed during the sanitization process	stixVocabs:IndicatorTypeEnum-1.1	Vocabulary defined text
		BOTH	Provides an unstructured, text description for this Indicator.	Description	Review Field - On automated dissemination this field will be replaced by an auto-generated Title. The submitted contents will be reviewed/modified/sanitized and disseminated via human manual process. Future capabilities may eliminate the human review process.	stixCommon:StructuredTextType	Free form text
		BOTH	NA	Valid_Time_Position	Container Object	indicator:ValidTimeType	Container
		BOTH	NA	Observable	Container Object	cybox:ObservableType	Container
		BOTH	NA	Composite_Indicator_Expression	Container Object	indicator:CompositeIndicatorExpressionType	Container
		BOTH	NA	Kill_Chain_Phases	Container Object	stixCommon:KillChainPhasesReferenceType	Container
		BOTH	NA	Leveraged_TTP	Container Object	stixCommon:TTP	Container
		BOTH	NA	Suggested_COAs	Container Object	Indicator:SuggestedCOAsType stixCommon:RelatedCourseOfActionType stixCommon:CourseOfActionBaseType stix:CoursesOfActionType	Container
		OUT	NA	Likely_Impact	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	stixCommon:StatementType	Container
		BOTH	NA	Confidence	Container Object	stixCommon:ConfidenceType	Container
		BOTH	NA	Sightings	Container Object	indicator:SightingsType	Container
	Indicator Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text

	Valid_Time_Position	BOTH	2002-05-30T09:00:00	Start_Time	Schema restricted text - This field should be date and time only.	stixCommon:DateTimeWithPrecisionType	Schema restricted text
		BOTH	2002-05-30T09:00:00	End_Time	Schema restricted text - This field should be date and time only.	stixCommon:DateTimeWithPrecisionType	Schema restricted text
	Composite Indicator Expression Type	BOTH	See Vocab Tab	@operator	Reference the Vocab Tab - indicator:OperatorTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	indicator:OperatorTypeEnum	Vocabulary defined text
		BOTH	NA	Indicator	Container Object	indicator:IndicatorType	Container
	SightingsType	BOTH	Any number	@sightings_count	Schema restricted text - this should be any number combination.	xs:integer	Schema restricted text
		BOTH	NA	Sighting	Container Object	indicator:SightingType	Container
	SightingType	BOTH	2002-05-30T09:00:00	@timestamp	Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
		BOTH	See Vocab Tab	stix:STIXPackageVersionEnum	Reference the Vocab Tab - stixCommom:DateTimePrescisionEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	stixCommon:DateTimePrecisionEnum	Vocabulary defined text
cybOX Core	Observable Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	NA	Object	Container Object	cybox:ObjectType	Container
	ObjectType	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	Address, Domain Name, Email Message, File, HTTP Session, Link, Mutex, Network Connection, Port and Socket Address, URI and Windows Registry Key	Properties	This is a required field - Only the following XSI:type values are supported in AIS: Address, Domain Name, Email Message, File, HTTP Session, Link, Mutex, Network Connection, Port and Socket Address, URI and Windows Registry Key If anything other than the accepted value is submitted the field will be removed during the	cyboxCommon:ObjectPropertiesType	Vocabulary defined text
		BOTH	NA	Related_Objects	Container Object	cybox:RelatedObjectsType	Container
	RelatedObjectsType	BOTH	NA	Related_Object	Container Object	cybox:RelatedObjectType	Container
	Related Object Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field - NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)

		BOTH	Address, Domain Name, Email Message, File, HTTP Session, Link, Mutex, Network Connection, Port and Socket Address, URI and Windows Registry Key	Properties	This is a required field - Only the following XSI:type values are supported in AIS: Address, Domain Name, Email Message, File, HTTP Session, Link, Mutex, Network Connection, Port and Socket Address, URI and Windows Registry Key If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ObjectPropertiesType	Vocabulary defined text
		BOTH	See Vocab Tab	Relationship	Reference the Vocab Tab - cyboxVocabs:ObjectRelationshipEnum-1.1 If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ControlledVocabularyStringType	Vocabulary defined text
CybOX Common	Time Type	OUT	2002-05-30T09:00:00	Produced_Time	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	cyboxCommon:DateTimeWithPrecisionType	Schema restricted text
	ToolInformationType	OUT	NA	Metadata	Container Object	cyboxCommon:Metadata	Container
	Metadata	OUT	AIS, EMAIL, WEBFORM	Value	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC. Indicates whether the information was submitted to NCCIC via AIS (from a PKI-authenticated source) or from a non-authenticated EMAIL or WEBFORM. Only 3 values allowed: AIS, EMAIL, WEBFORM	xs:string	Vocabulary defined text
	String Object Property Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	NCCIC will replace on dissemination with NCCIC values.	xs:Qname	Schema restricted text (partial)
		BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text

		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Any string	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionTypeEnum	Vocabulary defined text
		BOTH	True/False	@is_case_sensitive	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Reference the Vocab Tab - cyboxCommon:PatternTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:PatternTypeEnum	Vocabulary defined text

		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@trend	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
	String Object Property Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
	Unsigned Long Object Property Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Any string	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text

		BOTH	Any string	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ConditionTypeEnum	Vocabulary defined text
		BOTH	True/False	@is_case_sensitive	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Reference the Vocab Tab - cyboxCommon:PatternTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:PatternTypeEnum	Vocabulary defined text
		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@trend	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
	Unsigned Long Object Property Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
	Positive Integer Object Property Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)

		BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Any string	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionTypeEnum	Vocabulary defined text

		BOTH	True/False	@is_case_sensitive	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Reference the Vocab Tab - cyboxCommon:PatternTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:PatternTypeEnum	Vocabulary defined text
		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@trend	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
	Positive Integer Object Property Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
	Any URI Object Property Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text

		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Any string	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionTypeEnum	Vocabulary defined text
		BOTH	True/False	@is_case_sensitive	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Reference the Vocab Tab - cyboxCommon:PatternTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:PatternTypeEnum	Vocabulary defined text

		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@trend	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
	Any URI Object Property Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
	Hash List Type	BOTH	NA	Hash	Container Object	cyboxCommon:HashType	Container
	Simple Hash Value Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Any string	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text

		BOTH	Any string	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ConditionTypeEnum	Vocabulary defined text
		BOTH	True/False	@is_case_sensitive	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	cyboxCommon:PatternTypeEnum	Vocabulary defined text
		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@trend	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
	Simple Hash Value Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
	Fuzzy Hash Value Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)

		BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Any string	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionTypeEnum	Vocabulary defined text

		BOTH	True/False	@is_case_sensitive	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Reference the Vocab Tab - cyboxCommon:PatternTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:PatternTypeEnum	Vocabulary defined text
		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@trend	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
	Fuzzy Hash Value Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
	Hash Type	BOTH	See Vocab Tab	Type	Reference the Vocab Tab - cyboxVocabs:HashNameEnum-1.0 If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ControlledVocabularyStringType	Vocabulary defined text
		BOTH	The simple hash types used in AIS are: MD5 - 32 digit hexadecimal string; SHA1 - a 160-bit (20-byte) hash; and, SHA256 - 32 digit hexadecimal string. 2b9c750ea1f809f28e2bd9329c3c0da385005dd85df4bc94be0d	Simple_Hash_Value	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	cyboxCommon:SimpleHashValueType	Free form text
		BOTH	The accepted format for this field is the SSDEEP: KQhaGCVZGhr83h3bc0ok3892m12wzgnH5w2pw+sxNEI58:FIVkH4x73h39LH+2w+sxaD	Fuzzy_Hash_Value	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	cyboxCommon:FuzzyHashValueType	Free form text
	Layer 4 Protocol Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)

		BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Any string	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Any string	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionTypeEnum	Vocabulary defined text

		BOTH	True/False	@is_case_sensitive	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Reference the Vocab Tab - cyboxCommon:PatternTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	cyboxCommon:PatternTypeEnum	Vocabulary defined text
		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@trend	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
	Layer 4 Protocol Type as Reference	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@idref	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
AISMarking	AISHandling	BOTH	NA	Marking	Container Object	AISMarking:MarkingSpecificationType	Container
	Marking Specification Type	BOTH	//node() | //@*	Controlled_Structure	This is a required field - NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	xs:string	Free form text
		BOTH	NA	Marking_Structure	Container Object	AISMarking:AISConsentMarkingStructure	Container
		IN	NA	Information_Source	Container Object	stixCommon:InformationSourceType	Container
	AIS:AISConsentMarkingStructure	BOTH	True/False	@CISA_Proprietary	This is a required field - Schema restricted text – This field should be True/False only. NOTE: Consistent with the Cybersecurity Information Sharing of Act (CISA) of 2015 and any other applicable provision of law, a cyber threat indicator or defensive measure provided by a non-Federal entity to the Federal Government under this title shall be considered the commercial, financial, and proprietary information of such non-Federal entity when so designated by the originating non-Federal entity or a third party acting in accordance with the written authorization of the originating non-Federal entity. Other proprietary information that falls under FOIA or other legal means will be considered PROPIN.	xs:boolean	Schema restricted text

		BOTH	See Vocab Tab	@consent	This is a required field - Reference the Vocab Tab - AISConsentMarking:AISConsentEnum	AISMarking:AISConsentEnum	Vocabulary defined text
		BOTH	See Vocab Tab	@color	This is a required field - Reference the Vocab Tab - AISMarking:TLPColorEnum	TLP Marking Structure Type AISMarking:TLPColorEnum	Vocabulary defined text
Address	Address Object Type	BOTH	See Vocab Tab	@category	Reference the Vocab Tab - AddressObj:CategoryTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	AddressObj:CategoryTypeEnum	Vocabulary defined text
		BOTH	True/False	@is_source	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_destination	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_spoofed	Schema restricted text – This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	A correct formatted IP address using a 32-bit numeric address written as four numbers separated by periods. Each number will be 0 to 255: 72.164.177.58	Address_Value	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
Domain Name	Domain Name Object Type	BOTH	myvpns.abc.com.vpn.access.security.login.checkout.private.vpnsecurityverification.tk employeesolutions.abc.com.webpanelpages.tk	Value	Potential Review Field - Provide a fully qualified web address for this field. Some of the rules are: the domain must not be within the alexa top 100; this must be valid domain name. If something other than a fully qualified web address is provided the contents will be replaced with “Under NCCIC review” and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	See Vocab Tab	@type	Reference the Vocab Tab - URIObj:URITypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	URIObj:URITypeEnum	Vocabulary defined text
Email	Email Message Object Type	BOTH	NA	Header	Container Object	EmailMessageObj:EmailHeaderType	Container

Message		BOTH	![CDATA[Check out this web site! http://www.coolstuff.org/]	Raw_Body	Potential Human Review – This field is intended to convey the content of a phishing email. For a phishing email, personal information about the sender of email ("From"/"Sender" address), a malicious URL in the e-mail, malware files attached to the e-mail, the content of the e-mail, and additional email information related to the malicious email or potential cybersecurity threat actor, such as Subject Line, Message ID, and X-Mailer, could be considered directly related to a cybersecurity threat. The name and e-mail address of the targets of the email (i.e., the "To" address), however, would be personal information not directly related to a cybersecurity threat and therefore should not typically be included as part of the cyber threat indicator.	xs:string	Free form text
		BOTH	NA	Attachments	Container Object	EmailMessageObj:AttachmentsType	Container
		BOTH	NA	Links	Container Object	EmailMessageObj:LinksType	Container
	Attachments Type	BOTH	NA	File	Container Object	EmailMessageObj:AttachmentReferenceType	Container
	Email Header Type	BOTH	badguy@badguy[.]com	From	Potential Review Field- Provide a correct web active [non defanged] format for this field. If something other than a correct web active [non defanged] format is provided, the contents will be replaced with "Under NCCIC review" and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	AddressObj:AddressObjectType	Free form text
		BOTH	[Good guy real name] please read!	Subject	Review Field - On automated dissemination this field will be replaced by an auto-generated Title. The submitted contents will be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	950124.162336@example.com	Message_ID	Potential Review Field - If the contents pass the technical mitigation, the original value will be automatically disseminated. Otherwise, this field will be replaced by "Under NCCIC review" and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	goodguy@badguy.com	Sender	Potential Review Field - Provide a correct web active [non defanged] format for this field. If something other than a correct web active [non defanged] format is provided, the contents will be replaced with "Under NCCIC review" and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	AddressObj:AddressObjectType	Free form text

		BOTH	Specifies the software used to send the email message (e.g. php 5).	X_Mailer	Potential Review Field - If the contents pass the technical mitigation, the original value will be automatically disseminated. Otherwise, this field will be replaced by "Under NCCIC review". The submitted contents will be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
	Links Type	BOTH	NA	Link	This is a blank field and will not be populated.	EmailMessageObj:LinkReferenceType	Container
	Attachment Reference Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@object_reference	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
	Link Reference Type	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@object_reference	NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
File	File Object Type	BOTH	File indicator - file name: listofcontacts.doc realnamescontactlist.xls	File_Name	Potential Review Field - If the contents pass the technical mitigation, the original value will be automatically disseminated. Otherwise, this field will be replaced by "Under NCCIC review". The submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	File indicator - path: C:\Users\username\Desktop	File_Path	Potential Review Field - If the contents pass the technical mitigation, the original value will be automatically disseminated. Otherwise, this field will be replaced by "Under NCCIC review". The submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	FileObj:FilePathType	Free form text

		BOTH	pdf, docx	File_Extension	Potential Review Field - If something other than one of the acceptable values is provided, the contents will be replaced with “Under NCCIC review” and the submitted contents will be reviewed/modified/sanitized and disseminated via human manual process. Only the following values are authorized for this field: 'values:['3DM', '3DS', '3G2', '3GP', '7Z', 'ACCDB', 'AI', 'AIF', 'APK', 'APP', 'ASF', 'ASP', 'ASPX', 'ASX', 'AVI', 'BAK', 'BAT', 'BIN', 'BMP', 'C', 'CAB', 'CBR', 'CER', 'CFG', 'CFM', 'CGI', 'CLASS', 'COM', 'CPL', 'CPP', 'CRDOWNLOAD', 'CRX', 'CS', 'CSR', 'CSS', 'CSV', 'CUE', 'CUR', 'DAT', 'DB', 'DBF', 'DDS', 'DEB', 'DEM', 'ESKTHEMEPACK', 'DLL', 'DMG', 'DMP', 'DOC', 'DOCX', 'DRV', 'DTD', 'DWG', 'DXF', 'EPS', 'EXE', 'FLA', 'FLV', 'FNT', 'FON', 'GADGET', 'GAM', 'GBR', 'GED', 'GIF', 'GPX', 'GZ', 'H', 'HQX', 'HTM', 'HTML', 'ICNS', 'ICO', 'ICS', 'IFF', 'INDD', 'INI', 'ISO', 'JAR', 'JAVA', 'JPG', 'JS', 'JSP', 'KEY', 'KEYCHAIN', 'KML', 'KMZ', 'LNK', 'LOG', 'LUA', 'M', 'M3U', 'M4A', 'M4V', 'MAX', 'MDB', 'MDF', 'MID', 'MIM', 'MOV', 'MP3', 'MP4', 'MPA', 'MPG', 'MSG', 'MSI', 'NES', 'OBJ', 'ODT', 'OTF', 'PAGES', 'PART', 'PCT', 'PDB', 'PDF', 'PHP', 'PIF', 'PKG', 'PL', 'PLUGIN', 'PNG', 'PPS', 'PPT', 'PPTX', 'PRF', 'PS', 'PSD', 'PSPIMAGE', 'PY', 'RA', 'RAR', 'RM', 'ROM', 'RPM', 'RSS', 'RTF', 'SAV', 'SDF', 'SH', 'SITX', 'SLN', 'SQL', 'SRT', 'SVG', 'SWF', 'SWIFT', 'SYS', 'TAR', 'TAR.GZ', 'TAX2012', 'TAX2014', 'TEX', 'TGA', 'THM', 'TIF', 'TIFF',	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	File indicator - file size: 12.8KB	Size_In_Bytes	Potential Review Field - This field contain only digits; omit any commas, dismals, etc.; only numbers in the units of bytes. If something other than one of the acceptable values is provided, the contents will be replaced with “Under NCCIC review” and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:UnsignedLongObjectPropertyType	Free form text
		BOTH	NA	Hashes	Container Object	cyboxCommon:HashListType	Container
	File Path Type	BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionTypeEnum	Vocabulary defined text
HTTP Session	HTTP Session Object Type	BOTH	NA	HTTP_Request_Response	Container Object	HTTPSessionObj:HTTPRequestResponseType	Container
	HTTP Request Response Type	BOTH	NA	HTTP_Client_Request	Container Object	HTTPSessionObj:HTTPClientRequestType	Container
	HTTP Client Request Type	BOTH	NA	HTTP_Request_Header	Container Object	HTTPSessionObj:HTTPRequestHeaderType	Container
	HTTP Request Header Type	BOTH	NA	Parsed_Header	Container Object	HTTPSessionObj:HTTPRequestHeaderFieldsType	Container

	HTTP Request Header Fields Type	BOTH	User-Agent: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 5.1; Trident/4.0; .NET CLR 1.1.4322; .NET CLR 2.0.50727; InfoPath.1; .NET CLR 3.0.4506.2152; .NET CLR 3.5.30729)	User_Agent	Potential Review Field - If the contents pass the technical mitigation, the original value will be automatically disseminated. Otherwise, this field will be replaced by “Under NCCIC review” and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	NA	Host	Container Object	HostFieldType	Container
		BOTH	"no-cache, fruit=apples" The text "no-cache" followed by key value pairs.	Pragma	Potential Review Field - If the value is "no-cache", this will be processed/disseminated in real-time. If the value is anything other than "no-cache", the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	NA	Referer	Container Object	URIObj:URIObjectType	Container
	HostFieldType	BOTH	NA	Domain_Name	Container Object	URIObj:URIObjectType	Container
		BOTH	NA	Port	Container Object	PortObj:PortObjectType	Container
Link	Link Object Type	BOTH	http://www.realnameorrealcompanyname[.]com/fakesite_bad	Value	Potential Review Field - Provide a correct web URL format for this field. If something other than a correct web URL format is provided, the contents will be replaced with “Under NCCIC review” and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:AnyURIObjectPropertyType	Free form text
		BOTH	Click here	URL_Label	Potential Review Field - Provide a correct web URL format for this field. If something other than a correct web URL format is provided, the contents will be replaced with “Under NCCIC review” and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
Mutex	Mutex Object Type	BOTH	DC_MUTEX-ZCG64B5 MyKeepLive1009	Name	Review Field - On automated dissemination this field will be replaced by an auto-generated Title. The submitted contents will be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
Network Connection	Network Connection Object Type	BOTH	See Vocab Tab	Layer4_Protocol	Reference the Vocab Tab - cyboxCommon:Layer4ProtocolType If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:Layer4ProtocolType	Vocabulary defined text
		BOTH	NA	Destination_Socket_Address	Container Object	SocketAddressObj:SocketAddressObjectType	Container

		BOTH	See Vocab Tab	Layer3_Protocol	Reference the Vocab Tab - cyboxCommon:Layer3ProtocolType If anything other than the accepted value is submitted the field will be removed during the sanitization process	NetworkConnectionObj:Layer3ProtocolEnum	Vocabulary defined text
		BOTH	See Vocab Tab	Layer7_Protocol	Reference the Vocab Tab - cyboxCommon:Layer7ProtocolType If anything other than the accepted value is submitted the field will be removed during the sanitization process	NetworkConnectionObj:Layer7ProtocolEnum	Vocabulary defined text
		BOTH	NA	Source_Socket_Address	Container Object	SocketAddressObj:SocketAddressObjectType	Container
		BOTH	NA	Layer7_Connections	Container Object	NetworkConnectionObj:Layer7ConnectionsType	Container
	Layer7ConnectionsType	BOTH	NA	HTTP_Session	Container Object	HTTPSessionObj:HTTPSessionObjectType	Container
		BOTH	NA	DNS_Query	Container Object	DNSQueryObj:DNSQueryObjectType	Container
Socket Address	Socket Address Object Type	BOTH	IP Address: 72.164.177.58	IP_Address	Potential Review Field - The format of an IP address will be a 32-bit numeric address written as four numbers separated by periods. Each number will be 0 to 255. If something other than a 32-bit numeric address written as four numbers separated by periods is provided, the contents will be replaced with "Under NCCIC review" and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	AddressObj:AddressObjectType	Free form text
		BOTH	NA	Hostname	Container Object	HostnameObj:HostnameObjectType	Container
		BOTH	NA	Port	Container Object	PortObj:PortObjectType	Container
Hostname	HostnameObjectType	BOTH	gandolf, milo, opus, football	HostName_Value	Potential Review Field - Provide host name with no spaces and not longer than 256 characters. If something other than the correct format is provided, the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via human manual process.	String type	Free form text
		BOTH	The only allowable values are DNS, NIS, NETBIOS	Naming_System	Reference the Vocab Tab - The only allowable values are DNS, NIS, NETBIOS. If anything other than the accepted value is submitted the field will be removed during the sanitization process	String type	Vocabulary defined text
		BOTH	True/False	Is_Domain_Name	Schema restricted text - This field should be True/False only.	xs:boolean	Schema restricted text
Port	Port Object Type	BOTH	Port Number: 80 (just the number)	Port_Value	Schema restricted text - This field should be all digits and numbers only.	cyboxCommon:PositiveIntegerObjectPropertyType	Schema restricted text
		BOTH	See Vocab Tab	Layer4_Protocol	Reference the Vocab Tab - cyboxCommon:Layer4ProtocolType If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:Layer4ProtocolType	Vocabulary defined text

URI	URI Object Type	BOTH	See Vocab Tab	@type	Reference the Vocab Tab - URIObj:URITypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	URIObj:URITypeEnum	Vocabulary defined text
		BOTH	http://www.realnameorrealcompanyname[.]com/fakesite_bad	Value	Potential Review Field - Provide a correct web URL format for this field. If something other than a correct web URL format is provided, the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:AnyURIObjectPropertyType	Free form text
Windows Registry Key	Windows Registry Key Object Type	BOTH	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\RunOnce\$path = C:\users\%username%\AppData\Roaming\Microrun.vbs	Key	Potential Review Field - If the contents pass the technical mitigation, the original value will be automatically disseminated. Otherwise, this field will be replaced by "Under NCCIC review". The submitted contents will be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
		BOTH	HKEY_CURRENT_USER	Hive	Potential Review Field - Only the following values are authorized for this field: values:['HKEY_CLASSES_ROOT', 'HKEY_CURRENT_CONFIG', 'HKEY_CURRENT_USER','HKEY_LOCAL_MACHINE', 'HKEY_USERS', 'HKEY_CURRENT_USER_LOCAL_SETTINGS', 'HKEY_PERFORMANCE_DATA', 'HKEY_PERFORMANCE_NLSTEXT', 'HKEY_PERFORMANCE_TEXT'] If something other than one of the acceptable values is provided, the contents will be replaced with "Under NCCIC review" and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	WinRegistryKeyObj:RegistryHiveType	Free form text
		BOTH	NA	Values	Container Object	WinRegistryKeyObj:RegistryValuesType	Container
	Registry Value Type	BOTH	REG_SZ	Name	Potential Review Field - If something other than one of the acceptable values is provided, the contents will be replaced with "Under NCCIC review" and the submitted contents may be reviewed/modified/sanitized and disseminated via human manual process. Only the following values are authorized for this field: values:['REG_NONE', 'REG_SZ', 'REG_EXPAND_SZ', 'REG_BINARY', 'REG_DWORD', 'REG_DWORD_BIG_ENDIAN', 'REG_LINK', 'REG_MULTI_SZ', 'REG_RESOURCE_LIST', 'REG_FULL_RESOURCE_DESCRIPTOR', 'REG_RESOURCE_REQUIREMENTS_LIST', 'REG_QWORD', 'REG_INVALID_TYPE']	cyboxCommon:StringObjectPropertyType	Free form text

		BOTH	For REG_SZ: A string value, normally stored and exposed in UTF-16LE (when using the Unicode version of Win32 API functions), usually terminated by a NUL character	Data	Potential Review Field - If the contents pass the technical mitigation, the original value will be automatically disseminated. Otherwise, this field will be replaced by "Under NCCIC review". The submitted contents may be reviewed/modified/sanitized and disseminated via human manual process.	cyboxCommon:StringObjectPropertyType	Free form text
	Registry Hive Type	BOTH	See Vocab Tab	@datatype	Reference the Vocab Tab - cyboxCommon:DatatypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:DatatypeEnum	Vocabulary defined text
		BOTH	True/False	@appears_random	Schema restricted text - This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	True/False	@is_obfuscated	Schema restricted text - This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to obfuscate this Object property - any string	@obfuscation_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	True/False	@is_defanged	Schema restricted text - This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	Conveys a reference to a description of the algorithm used to defang (representation changed to prevent malicious effects of handling/processing) this Object property.	@defanging_algorithm_ref	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:anyURI	Free form text
		BOTH	Specifies the type (e.g. RegEx) of refanging transform specified in the optional accompanying refangingTransform property.	@refanging_transform_type	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	Specifies an automated transform that can be applied to the Object property content in order to refang it to its original format.	@refanging_transform	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text

		BOTH	Specifies the encoding of the string when it is/was observed. This may be different from the encoding used to represent the string within this element. It is strongly recommended that character set names should be taken from the IANA character set registry (https://www.iana.org/assignments/character-sets/character-sets.xhtml). This field is intended to be applicable only to fields which contain string values.	@observed_encoding	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	See Vocab Tab	@condition	Reference the Vocab Tab - cyboxCommon:ConditionTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionTypeEnum	Vocabulary defined text
		BOTH	True/False	@is_case_sensitive	Schema restricted text - This field should be True/False only.	xs:boolean	Schema restricted text
		BOTH	See Vocab Tab	@apply_condition	Reference the Vocab Tab - cyboxCommon:ConditionApplicationEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:ConditionApplicationEnum	Vocabulary defined text
		BOTH	[0-9][a-f] any hex values	@bit_mask	Schema restricted text - This field should be number and letters; any hex value.	xs:hexBinary	Schema restricted text
		BOTH	See Vocab Tab	@pattern_type	Reference the Vocab Tab - cyboxCommon:PatternTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process	cyboxCommon:PatternTypeEnum	Vocabulary defined text
		BOTH	Defines the syntax format used for a regular expression, if one is specified for the field value. This is applicable only if the Condition field is set to 'FitsPattern'.	@regex_syntax	Potential Review Field - Vocabulary values to be determined based on submitted contents. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	xs:string	Free form text
		BOTH	True/False	@has_changed	Schema restricted text - This field should be True/False only.	xs:boolean	Schema restricted text

		BOTH	Setting this attribute with an empty value (e.g., "") or omitting it entirely notifies CybOX consumers and pattern evaluators that the corresponding regular expression utilizes capabilities, character classes, escapes, and other lexical tokens defined by the CybOX Language Specification.	@trend	Schema restricted text - This field utilizes capabilities, character classes, escapes, and other lexical tokens defined by the CybOX Language Specification.	xs:boolean	Schema restricted text
	Registry Values Type	BOTH	NA	Value	Container Object	WinRegistryKeyObj:RegistryValueType	Container
CIQ Identity 3.0	CIQ Identity 3.0 Instance Type	BOTH	NA	Specification	Container Object	stix-ciqidentity:STIXCIQIdentity3.0Type	Container
	STIX CIQ Identity 3.0 Type	BOTH	NA	PartyName	Container Object	ciq:PartyName	Container
		BOTH	NA	Addresses	Container Object	ciq:Addresses	Container
		BOTH	NA	OrganisationInfo	Container Object	ciq:OrganisationInfo	Container
	Party Name Type	BOTH	NA	n:OrganisationName	Container Object	n:OrganisationNameInlineType	Container
	Organisation Name Type	BOTH	Organization Name Example: ACME	n:NameElement	This is a required field - This field is used to identify the name of the organization. Only use your organizational name. NCCIC will replace on dissemination with NCCIC values, unless consent is provided to disseminate your identity	xs:string	Free form text
	Organisation Info Inline Type	BOTH	Organization Info Examples:Energy Sector|Financial Services Sector	@xpil:IndustryType	This is a required field - There are only 16 critical infrastructure sectors that will be allowed for this field: Chemical Sector; Commercial Facilities Sector; Communications Sector; Critical Manufacturing Sector; Dams Sector; Defense Industrial Base Sector; Emergency Services Sector; Energy Sector; Financial Services Sector; Food and Agriculture Sector; Government Facilities Sector; Healthcare and Public Health Sector; Information Technology Sector; Nuclear Reactors, Materials, and Waste Sector; Transportation Systems Sector; and Water and Wastewater Systems Sector. Definitions for each Sector can be found at the following link: http://www.dhs.gov/critical-infrastructure-sectors. This field is pipe "|" delimited (e.g. "Energy Sector|Financial Services Sector"). "Other" may also be used.	xs:string	Free form text
	Address Inline Type	BOTH	NA	Country	Container Object	a:CountryType	Container
		BOTH	NA	AdministrativeArea	Container Object	a:AdministrativeAreaInlineType	Container
	Addresses Inline Type	BOTH	NA	a:Address	Container Object	AddressInlineType	Container
	Administrative Area Inline Type	BOTH	NA	NameElement	Container Object	a:NameElementInlineType	Container
	Name Element Inline Type	BOTH	Organization Location (Country only) Example: US (via ISO 3166-1 alpha-2)	@xal:NameCode	This is a required field - Identify the country location of the organization by using the 2-letter country code for this field. Please used the link below to identify the 2-letter code for the country needed: https://en.wikipedia.org/wiki/ISO_3166-2	xs:string	Free form text

		BOTH	Provides the naming convention for the Organization Location (name code) Example: ISO 3166-1 alpha-2	@xal:NameCodeType	This is a required field - Identify the country location of the organization by using the code type/naming convention. When used within the Administrative Area Inline Type (Line 293)the only allowed value will be from "ISO 3166-2". When used with the Country Inline Type (Line 296) the only allowed value will be "ISO-3166-1_alpha-2". Use the link below to access allowed values. https://en.wikipedia.org/wiki/ISO_3166-2:US	xs:string	Free form text
	Country Inline Type	BOTH	NA	NameElement	Container Object	a:NameElementInlineType	Container
ExploitTarget	ExploitTargetType	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field if an exploit target is included. NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
		BOTH	NA	Vulnerability	Container Object	CVRF1.1InstanceType	Container
		BOTH	NA	Potential_COA	Container Object	stixCommon:CourseOfAction As Reference	Container
	CVRF1.1InstanceType	BOTH	CVE identifier for a particular vulnerability.	CVE_ID	Schema restricted text - The only allowable format is "CVE-[4digits]-[any number of digits]"	CVE_IDInlineType	Schema restricted
		BOTH	OSVDB identifier for a particular vulnerability.	OSVDB_ID	Schema restricted text - The OSVDB_ID field specifies an OSVDB identifier for a particular vulnerability.	positiveInteger	Schema restricted
		BOTH	Simple title for this vulnerability.	Title	Potential Review Field - This is a required field if describing a new vulnerability. If using CVE_ID or OSVDB_ID, then this field is ignored.	stixCommon:StructuredTextType	Free form text
		BOTH	Unstructured, text description of this vulnerability.	Description	Potential Review Field - This is a required field if describing a new vulnerability and a human review may be required. If using CVE_ID or OSVDB_ID, then this field is ignored.	stixCommon:StructuredTextType	Free form text
Courses Of Action	CoursesOfActionType	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field if an COA is included. NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
		BOTH	Provides an unstructured, text Title for this COA	Title	Potential Review Field - This is a required field if a COA is included and may require a human review.	stixCommon:StructuredTextType	Free form text
		BOTH	Provides an unstructured, text description for this COA	Description	Potential Review Field - This is a required field if a COA is included and may require a human review.	stixCommon:StructuredTextType	Free form text
TTPs	TTPType	BOTH	[Company Name]:[Column A]-[Company Unique ID]	@id	This is a required field if a TTP Type is included. NCCIC will replace on dissemination with NCCIC values.	xs:QName	Schema restricted text (partial)
		BOTH	2002-05-30T09:00:00	@timestamp	This is a required field - Schema restricted text - This field should be date and time only.	xs:dateTime	Schema restricted text
		BOTH	NA	Behavior	Container Object	BehaviorType	Container
		BOTH	NA	Exploit_Target	Container Object	stixCommon:ExploitTargetType	Container
	BehaviorType	BOTH	NA	AttackPatterns	Container Object	AttackPatternsType	Container

	AttackPatternsType	BOTH	Provides an unstructured, text Title for this AttackPattern	Title	Potential Review Field - This is a required field if a TTP is included and may require a human review.	stixCommon:StructuredTextType	Free form text
		BOTH	Reference to a particular entry within the Common Attack Pattern Enumeration and Classification (CAPEC); reference the CAPEC webpage for more information: https://capec.mitre.org	@CAPEC_ID	Reference to a particular entry within the Common Attack Pattern Enumeration and Classification (CAPEC)	@capec_idInlineType	Schema restricted
		BOTH	Provides an unstructured, text description for this AttackPattern	Description	Potential Review Field - This is a required field if a TTP is included.	stixCommon:StructuredTextType	Free form text
DNSQuery	DNSQueryType	BOTH	NA	Question	Container Object	DNSQuestionType	Container
		BOTH	NA	Answer_Resource_Records	Container Object	DNSResourceRecordsType	Container
		BOTH	NA	Authority_Resource_Records	Container Object	DNSRecordObjectType	Container
		BOTH	NA	Additional_Records	Container Object	DNSResourceRecordsType	Container
	DNSQuestionType	BOTH	NA	Qname	Container Object	URIObjectType	Container
		BOTH	See Vocab Tab	Qtype	Reference the Vocab Tab - DNSRecordTypeEnum If anything other than the accepted value is submitted the field will be removed during the sanitization process.	DNSRecordTypeEnum	Vocabulary defined text
		BOTH	00 01 Internet 00 03 the CHAOS class 00 04 Hesiod [Dyer 87]	Qclass	Potential Review Field - Two character byte string is accepted. If incorrect format is submitted the contents will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	StringObjectPropertyType	Free form text
	DNSResource RecordsType	BOTH	NA	Resource_Record	Container Object	DNSRecordObjectType	Container
	DNSRecord ObjectType	BOTH	NA	Domain_Name	Container Object	URIObjectType	Container
		BOTH	NA	IP_Address	Container Object	AddressObjectType	Container
		BOTH	The only acceptable values are: SOA, NS, A, PTR, CNAME, MX, SRV. These stand for: Start of Authority (SOA) name server (NS) address (A) pointer (PTR) canonical name (CNAME) mail exchange (MX) Service (SRV)	Entry_Type	Potential Review Field - This is a required field if using DNSRecordObjectType. The only acceptable values are: SOA, NS, A, PTR, CNAME, MX, SRV. If incorrect contents is submitted it will be replaced with "Under NCCIC review" and the submitted contents will be reviewed/modified/sanitized and disseminated via the human manual process.	StringObjectPropertyType	Free form text
		OUT	See Vocab Tab - DNSRecodNameEnum	Record Name	NCCIC-Generated Only - These fields will be disseminated only by the NCCIC.	StringObjectPropertyType	Free form text
		BOTH	See Vocab Tab - DNSRecordTypeEnum	Record_Type	See Vocab Tab - DNSRecordTypeEnum	StringObjectPropertyType	Free form text
		BOTH	Any number	TTL	Schema restricted text - this should be any number combination.	IntegerObjectPropertyType	Schema restricted

		BOTH	[0-9][a-f] any hex values	Flags	Schema restricted text - This field should be number and letters; any hex value.	HexBinaryObjectPropertyType	Schema Restricted
		BOTH	Any number	Data_Length	Schema restricted text - this should be any number combination.	IntegerObjectPropertyType	Schema restricted

Automated Indicator Sharing (AIS) Profile

Color Legend	AIS Profile for examples, field, guidance, and text type columns
Green Fields	Required Fields for submission
Red Fields	NCCIC-Generated Only Fields
Blue Fields	Review and Potential Review Fields
Grey Hash	Container - No Information will be added to this field

AddressObj:CategoryTypeEnum	
asn	The asn value specifies an identifier for an Autonomous System Number.
atm	The atm value specifies an Asynchronous Transfer Mode address.
cidr	The CIDR value specifies an address in Classless Inter-domain Routing notation (the IP address and its associated routing prefix).
e-mail	The e-mail value specifies an e-mail address.
mac	The mac value specifies a system's MAC address.
ipv4-addr	The IPV4-addr value specifies an IPV4 address.
ipv4-net	
ipv4-net-mask	The IPV4-net-mask value specifies an IPV4 bitwise netmask.
ipv6-addr	The IPV6-addr value specifies an IPV6 address.
ipv6-net	
ipv6-net-mask	The IPV6-net-mask value specifies an IPV6 bitwise netmask
cyboxCommon:Layer3ProtocolType	
IPv4	Specifies the Internet Protocol, version 4.

IPv6	Specifies the Internet Protocol, version 6.
ICMP	Specifies the Internet Control Message Protocol.
IGMP	Specifies the Internet Group Management Protocol.
IGRP	Specifies the Interior Gateway Routing Protocol.
CLNP	Specifies the Connectionless Networking Protocol.
EGP	Specifies the Exterior Gateway Protocol.
EIGRP	Specifies the Enhanced Interior Gateway Routing Protocol.
IPSec	Specifies the Internet Protocol Security suite.
IPX	Specifies the Internetwork Packet Exchange protocol.
Routed-SMLT	Specifies the Routed Split Multi-Link Trunking protocol.
SCCP	Specifies the Signalling Connection Control Part protocol.
cyboxCommon:Layer4ProtocolType	
TCP	Specifies the Transmission Control Protocol.
UDP	Specifies the User Datagram Protocol.

AH	Specifies the Authentication Header protocol.
ESP	Specifies the Encapsulating Security Payload protocol.
GRE	Specifies the Generic Routing Encapsulation protocol.
IL	Specifies the Internet Link protocol.
SCTP	Specifies the Stream Control Transmission Protocol.
Sinec H1	Specifies the Siemens Sinec H1 protocol.
SPX	Specifies the Sequenced Packet Exchange protocol.
DCCP	Specifies the Datagram Congestion Control Protocol.
cyboxCommon:Layer7ProtocolType	
HTTP	Specifies the Hypertext Transfer Protocol.
HTTPS	Specifies the Hypertext Transfer Protocol Secure.
FTP	Specifies the File Transfer Protocol.
SMTP	Specifies the Simple Mail Transfer Protocol.
IRC	Specifies the Internet Relay Chat protocol.

IDENT	Specifies the Identification Protocol, IDENT.
DNS	Specifies the Domain Name System protocol.
TELNET	Specifies the Telnet protocol.
POP3	Specifies the Post Office Protocol, version 3.
IMAP	Specifies the Internet Message Access Protocol.
SSH	Specifies the Secure Shell protocol.
SMB	Specifies the Microsoft Server Message Block protocol.
ADC	Specifies the Advance Direct Connect protocol.
AFP	Specifies the Apple Filing Protocol.
BACNet	Specifies the Building Automation and Control Network protocol.
BitTorrent	Specifies the BitTorrent protocol.
BOOTP	Specifies the Bootstrap Protocol.
Diameter	Specifies the Diameter protocol.
DICOM	Specifies the Digital Imaging and Communications in Medicine protocol.

DICT	Specifies the Dictionary protocol.
DSM-CC	Specifies the Digital Storage Media Command and Control protocol.
DSNP	Specifies the Distributed Social Networking Protocol.
DHCP	Specifies the Dynamic Host Configuration Protocol.
ED2K	Specifies the EDonkey2000 protocol.
Finger	Specifies the Finger protocol.
Gnutella	Specifies the Gnutella protocol.
Gopher	Specifies the Gopher protocol.
ISUP	Specifies the ISDN User Part protocol.
LDAP	Specifies the Lightweight Directory Access Protocol.
MIME	Specifies the Multipurpose Internet Mail Extensions protocol.
MSNP	Specifies the Microsoft Notification Protocol.
MAP	Specifies the Mobile Application Part protocol.
NetBIOS	Specifies the Network Basic Input/Output System protocol.

NNTP	Specifies the Network News Transfer Protocol.
NTP	Specifies the Network Time Protocol.
NTCIP	Specifies the National Transportation Communications for Intelligent Transportation System Protocol.
RADIUS	Specifies the Remote Authentication Dial In User Service protocol.
RDP	Specifies the Remote Desktop Protocol.
rlogin	Specifies the rlogin protocol.
rsync	Specifies the rsync potocol.
RTP	Specifies the Real-time Transport Protocol.
RTSP	Specifies the Real-time Transport Streaming Protocol.
SISNAPI	Specifies the Siebel Internet Session Network API protocol.
SIP	Specifies the Session Initiation Protocol.
SNMP	Specifies the Simple Network Management Protocol.
STUN	Specifies the Session Traversal Utilities for NAT protocol.
TUP	Specifies the Telephone User Part protocol.

TCAP	Specifies the Transaction Capabilities Application Part protocol.
TFTP	Specifies the Trivial File Transfer Protocol.
WebDAV	Specifies the Web Distributed Authoring and Versioning protocol.
XMPP	Specifies the Extensible Messaging and Presence Protocol.
Modbus	Specifies the Modbus Protocol.
cyboxCommon:DatatypeEnum	
string	Specifies the string datatype as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#string for more information.
int	Specifies the int datatype as it applies to the W3C standard for int. See http://www.w3.org/TR/xmlschema-2/#int for more information.
float	Specifies the float datatype as it apples to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#float for more information.
date	Specifies a date, which is usually in the form yyyy-mm--dd as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#date for more information.
positiveInteger	Specifies a positive integer in the infinite set {1,2,...} as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#positiveInteger for more information.
unsignedInt	Specifies an unsigned integer, which is a nonnegative integer in the set {0,1,2,...,4294967295} as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#unsignedInt for more information.
dateTime	Specifies a date in full format including both date and time as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#dateTime for more information.
time	Specifies a time as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#time for more information.

boolean	Specifies a boolean value in the set {true,false,1,0} as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#boolean for more information.
name	Specifies a name (which represents XML Names) as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#Name and http://www.w3.org/TR/2000/WD-xml-2e-20000814#dt-name for more information.
long	Specifies a long integer, which is an integer whose maximum value is 9223372036854775807 and minimum value is -9223372036854775808 as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#long for more information.
unsignedLong	Specifies an unsigned long integer, which is an integer whose maximum value is 18446744073709551615 and minimum value is 0 as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#unsignedLong for more information.
duration	Specifies a length of time in the extended format PnYn MnDTnH nMnS, where nY represents the number of years, nM the number of months, nD the number of days, 'T' is the date/time separator, nH the number of hours, nM the number of minutes and nS the number of seconds, as it applies to the W3 standard. See http://www.w3.org/TR/xmlschema-2/#duration for more information.
double	Specifies a decimal of datatype double as it is patterned after the IEEE double-precision 64-bit floating point type (IEEE 754-1985) and as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#double for more information.
nonNegativeInteger	Specifies a non-negative integer in the infinite set {0,1,2,...} as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#nonNegativeInteger for more information.
hexBinary	Specifies arbitrary hex-encoded binary data as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#hexBinary for more information.
anyURI	Specifies a Uniform Resource Identifier Reference (URI) as it applies to the W3C standard and to RFC 2396, as amended by RFC 2732. See http://www.w3.org/TR/xmlschema-2/#anyURI for more information.
base64Binary	Specifies base64-encoded arbitrary binary data as it applies to the W3C standard. See http://www.w3.org/TR/xmlschema-2/#base64Binary for more information.
IPv4 Address	Specifies an IPV4 address in dotted decimal form. CIDR notation is also accepted.
IPv6 Address	Specifies an IPV6 address, which is represented by eight groups of 16-bit hexadecimal values separated by colons (:) in the form a:b:c:d:e:f:g:h. CIDR notation is also accepted.

Host Name	Specifies a host name. For compatibility reasons, this could be any string. Even so, it is best to use the proper notation for the given host type. For example, web hostnames should be written as fully qualified hostnames in practice.
MAC Address	Specifies a MAC address, which is represented by six groups of 2 hexdecimal digits, separated by hyphens (-) or colons (:) in transmission order.
Domain Name	Specifies a domain name, which is represented by a series of labels concatenated with dots conforming to the rules in RFC 1035, RFC 1123, and RFC 2181.
URI	Specifies a Uniform Resource Identifier, which identifies a name or resource and can act as a URL or URN.
TimeZone	Specifies a timezone in UTC notation (UTC+number).
Octal	Specifies arbitrary octal (base-8) encoded data.
Binary	Specifies arbitrary binary encoded data.
BinHex	Specifies arbitrary data encoded in the Mac OS-originated BinHex format.
Subnet Mask	Specifies a subnet mask in IPv4 or IPv6 notation.
UUID/GUID	Specifies a globally/universally unique ID represented as a 32-character hexadecimal string. See ISO/IEC 11578:1996 Information technology -- Open Systems Interconnection -- Remote Procedure Call - http://www.iso.ch/cate/d2229.html.
Collection	Specifies data represented as a container of multiple data of a shared elemental type.
CVE ID	Specifies a CVE ID, expressed as CVE- appended by a four-digit integer, a - and another four-digit integer, as in CVE-2012-1234.
CWE ID	Specifies a CWE ID, expressed as CWE- appended by an integer.
CAPEC ID	Specifies a CAPEC ID, expressed as CAPEC- appended by an integer.
CCE ID	Specifies a CCE ID, expressed as CCE- appended by an integer.

CPE Name	Specifies a CPE Name. See http://cpe.mitre.org/specification/archive/version2.0/cpe-specification_2.0.pdf for more information.
cyboxCommon:ConditionTypeEnum	
Equals	Specifies the equality or = condition.
DoesNotEqual	Specifies the "does not equal" or != condition.
Contains	Specifies the "contains" condition.
DoesNotContain	Specifies the "does not contain" condition.
StartsWith	Specifies the "starts with" condition.
EndsWith	Specifies the "ends with" condition.
GreaterThan	Specifies the "greater than" condition.
GreaterThanOrEqual	Specifies the "greater than or equal to" condition.
LessThan	Specifies the "less than" condition.
LessThanOrEqual	Specifies the "less than or equal" condition.

InclusiveBetween	The pattern is met if the given value lies between the values indicated in the field value body, inclusive of the bounding values themselves. The field value body MUST contain at least 2 values to be valid. If the field value body contains more than 2 values, then only the greatest and least values are considered. (I.e., If the body contains "2,4,6", then an InclusiveBetween condition would be satisfied if the observed value fell between 2 and 6, inclusive. Since this is an inclusive range, an observed value of 2 or 6 would fit the pattern in this example.) As such, always treat the InclusiveBetween condition as applying to a single range for the purpose of evaluating the apply_condition attribute.
ExclusiveBetween	The pattern is met if the given value lies between the values indicated in the field value body, exclusive of the bounding values themselves. The field value body MUST contain at least 2 values to be valid. If the field value body contains more than 2 values, then only the greatest and least values are considered. (I.e., If the body contains "2,4,6", then an InclusiveBetween condition would be satisfied if the observed value fell between 2 and 6, exclusive. Since this is an exclusive range, an observed value of 2 or 6 would not fit the pattern in this example.) As such, always treat the ExclusiveBetween condition as applying to a single range for the purpose of evaluating the apply_condition attribute.
FitsPattern	Specifies the condition that a value fits a given pattern.
BitwiseAnd	Specifies the condition of bitwise AND. Specifically, when applying this pattern, a given value is bitwise-ANDed with the bit_mask attribute value (which must be present). If the result is identical to the value provided in the body of this field value, the pattern is considered fulfilled.
BitwiseOr	Specifies the condition of bitwise OR. Specifically, when applying this pattern, a given value is bitwise-ORed with the bit_mask attribute value (which must be present). If the result is identical to the value provided in the body of this field value, the pattern is considered fulfilled.
BitwiseXor	Specifies the condition of bitwise XOR. Specifically, when applying this pattern, a given value is bitwise-XORed with the bit_mask attribute value (which must be present). If the result is identical to the value provided in the body of this field value, the pattern is considered fulfilled.
cyboxCommon:ConditionApplicationEnum	
ANY	Indicates that a pattern holds if the given condition can be successfully applied to any of the field values.
ALL	Indicates that a pattern holds only if the given condition can be successfully applied to all of the field values.
NONE	Indicates that a pattern holds only if the given condition can be successfully applied to none of the field values.

cyboxCommon:PatternTypeEnum	
Regex	Specifies the regular expression pattern type.
Binary	Specifies the binary (bit operations) pattern type.
XPath	Specifies the XPath 1.0 expression pattern type.
stixVocabs:IndicatorTypeEnum-1.1	
Malicious E-mail	Indicator describes suspected malicious e-mail (phishing, spear phishing, infected, etc.).
IP Watchlist	Indicator describes a set of suspected malicious IP addresses or IP blocks.
File Hash Watchlist	Indicator describes a set of hashes for suspected malicious files.
Domain Watchlist	Indicator describes a set of suspected malicious domains.
URL Watchlist	Indicator describes a set of suspected malicious URLS.
Malware Artifacts	Indicator describes the effects of suspected malware.
C2	Indicator describes suspected command and control activity or static indications.
Anonymization	Indicator describes suspected anonymization techniques (Proxy, TOR, VPN, etc.).
Exfiltration	Indicator describes suspected exfiltration techniques or behavior.

Host Characteristics	Indicator describes suspected malicious host characteristics.
Compromised PKI Certificate	Indicator describes a compromised PKI Certificate.
Login Name	Indicator describes a compromised Login Name.
IMEI Watchlist	Indicator describes a watchlist for IMEI (handset) identifiers.
IMSI Watchlist	Indicator describes a watchlist for IMSI (SIM card) identifiers.
indicator:OperatorTypeEnum	
AND	
OR	
stixVocabs:PackageIntentEnum-1.0	
Collective Threat Intelligence	Package is intended to convey a broad characterization of a threat across multiple facets.
Threat Report	Package is intended to convey a broad characterization of a threat across multiple facets expressed as a cohesive report.
Indicators	Package is intended to convey mainly indicators.
Indicators - Phishing	Package is intended to convey mainly phishing indicators.
Indicators - Watchlist	Package is intended to convey mainly network watchlist indicators.

Indicators - Malware Artifacts	Package is intended to convey mainly malware artifact indicators.
Indicators - Network Activity	Package is intended to convey mainly network activity indicators.
Indicators - Endpoint Characteristics	Package is intended to convey mainly endpoint characteristics (hashes, registry values, installed software, known vulnerabilities, etc.) indicators.
Campaign Characterization	Package is intended to convey mainly a characterization of one or more campaigns.
Threat Actor Characterization	Package is intended to convey mainly a characterization of one or more threat actors.
Exploit Characterization	Package is intended to convey mainly a characterization of one or more exploits.
Attack Pattern Characterization	Package is intended to convey mainly a characterization of one or more attack patterns.
Malware Characterization	Package is intended to convey mainly a characterization of one or more malware instances.
TTP - Infrastructure	Package is intended to convey mainly a characterization of attacker infrastructure.
TTP - Tools	Package is intended to convey mainly a characterization of attacker tools.
Courses of Action	Package is intended to convey mainly a set of courses of action.
Incident	Package is intended to convey mainly information about one or more incidents.
Observations	Package is intended to convey mainly information about instantial observations (cyber observables).
Observations - Email	Package is intended to convey mainly information about instantial email observations (email cyber observables).

Malware Samples	Package is intended to convey a set of malware samples
Vulnerability	Describes a vulnerability (not an indicator) - workaround for a known STIX limitation ref relationship between observables and vulnerabilities.
cyboxVocabs:ObjectRelationshipEnum-1.1	
Created	Specifies that this object created the related object.
Created_By	Specifies that this object was created by the related object.
Deleted	Specifies that this object deleted the related object.
Deleted_By	Specifies that this object was deleted by the related object.
Modified_Properties_Of	Specifies that this object modified the properties of the related object.
Properties_Modified_By	Specifies that the properties of this object were modified by the related object.
Read_From	Specifies that this object was read from the related object.
Read_From_By	Specifies that this object was read from by the related object.
Wrote_To	Specifies that this object wrote to the related object.
Written_To_By	Specifies that this object was written to by the related object.
Downloaded_From	Specifies that this object was downloaded from the related object.

Downloaded_To	Specifies that this object downloaded the related object.
Downloaded	Specifies that this object downloaded the related object.
Downloaded_By	Specifies that this object was downloaded by the related object.
Uploaded	Specifies that this object uploaded the related object.
Uploaded_By	Specifies that this object was uploaded by the related object.
Uploaded_To	Specifies that this object was uploaded to the related object.
Received_Via_Upload	Specifies that this object received the related object via upload.
Uploaded_From	Specifies that this object was uploaded from the related object.
Sent_Via_Upload	Specifies that this object sent the related object via upload.
Suspended	Specifies that this object suspended the related object.
Suspended_By	Specifies that this object was suspended by the related object.
Paused	Specifies that this object paused the related object.
Paused_By	Specifies that this object was paused by the related object.
Resumed	Specifies that this object resumed the related object.

Resumed_By	Specifies that this object was resumed by the related object.
Opened	Specifies that this object opened the related object.
Opened_By	Specifies that this object was opened by the related object.
Closed	Specifies that this object closed the related object.
Closed_By	Specifies that this object was closed by the related object.
Copied_From	Specifies that this object was copied from the related object.
Copied_To	Specifies that this object was copied to the related object.
Copied	Specifies that this object copied the related object.
Copied_By	Specifies that this object was copied by the related object.
Moved_From	Specifies that this object was moved from the related object.
Moved_To	Specifies that this object was moved to the related object.
Moved	Specifies that this object moved the related object.
Moved_By	Specifies that this object was moved by the related object.
Searched_For	Specifies that this object searched for the related object.

Searched_For_By	Specifies that this object was searched for by the related object.
Allocated	Specifies that this object allocated the related object.
Allocated_By	Specifies that this object was allocated by the related object.
Initialized_To	Specifies that this object was initialized to the related object.
Initialized_By	Specifies that this object was initialized by the related object.
Sent	Specifies that this object sent the related object.
Sent_By	Specifies that this object was sent by the related object.
Sent_To	Specifies that this object was sent to the related object.
Received_From	Specifies that this object was received from the related object.
Received	Specifies that this object received the related object.
Received_By	Specifies that this object was received by the related object.
Mapped_Into	Specifies that this object was mapped into the related object.
Mapped_By	Specifies that this object was mapped by the related object.
Properties_Queried	Specifies that the object queried properties of the related object.

Properties_Queried_By	Specifies that the properties of this object were queried by the related object.
Values_Enumerated	Specifies that the object enumerated values of the related object.
Values_Enumerated_By	Specifies that the values of the object were enumerated by the related object.
Bound	Specifies that this object bound the related object.
Bound_By	Specifies that this object was bound by the related object.
Freed	Specifies that this object freed the related object.
Freed_By	Specifies that this object was freed by the related object.
Killed	Specifies that this object killed the related object.
Killed_By	Specifies that this object was killed by the related object.
Encrypted	Specifies that this object encrypted the related object.
Encrypted_By	Specifies that this object was encrypted by the related object.
Encrypted_To	Specifies that this object was encrypted to the related object.
Encrypted_From	Specifies that this object was encrypted from the related object.
Decrypted	Specifies that this object decrypted the related object.

Decrypted_By	Specifies that this object was decrypted by the related object.
Packed	Specifies that this object packed the related object.
Packed_By	Specifies that this object was packed by the related object.
Unpacked	Specifies that this object unpacked the related object.
Unpacked_By	Specifies that this object was unpacked by the related object.
Packed_From	Specifies that this object was packed from the related object.
Packed_Into	Specifies that this object was packed into the related object.
Encoded	Specifies that this object encoded the related object.
Encoded_By	Specifies that this object was encoded by the related object.
Decoded	Specifies that this object decoded the related object.
Decoded_By	Specifies that this object was decoded by the related object.
Compressed_From	Specifies that this object was compressed from the related object.
Compressed_Into	Specifies that this object was compressed into the related object.
Compressed	Specifies that this object compressed the related object.

Compressed_By	Specifies that this object was compressed by the related object.
Decompressed	Specifies that this object decompressed the related object.
Decompressed_By	Specifies that this object was decompressed by the related object.
Joined	Specifies that this object joined the related object.
Joined_By	Specifies that this object was joined by the related object.
Merged	Specifies that this object merged the related object.
Merged_By	Specifies that this object was merged by the related object.
Locked	Specifies that this object locked the related object.
Locked_By	Specifies that this object was locked by the related object.
Unlocked	Specifies that this object unlocked the related object.
Unlocked_By	Specifies that this object was unlocked by the related object.
Hooked	Specifies that this object hooked the related object.
Hooked_By	Specifies that this object was hooked by the related object.
Unhooked	Specifies that this object unhooked the related object.

Unhooked_By	Specifies that this object was unhooked by the related object.
Monitored	Specifies that this object monitored the related object.
Monitored_By	Specifies that this object was monitored by the related object.
Listened_On	Specifies that this object listened on the related object.
Listened_On_By	Specifies that this object was listened on by the related object.
Renamed_From	Specifies that this object was renamed from the related object.
Renamed_To	Specifies that this object was renamed to the related object.
Renamed	Specifies that this object renamed the related object.
Renamed_By	Specifies that this object was renamed by the related object.
Injected_Into	Specifies that this object injected into the related object.
Injected_As	Specifies that this object injected as the related object.
Injected	Specifies that this object injected the related object.
Injected_By	Specifies that this object was injected by the related object.
Deleted_From	Specifies that this object was deleted from the related object.

Previously_Contained	Specifies that this object previously contained the related object.
Loaded_Into	Specifies that this object loaded into the related object.
Loaded_From	Specifies that this object was loaded from the related object.
Set_To	Specifies that this object was set to the related object.
Set_From	Specifies that this object was set from the related object.
Resolved_To	Specifies that this object was resolved to the related object.
Related_To	Specifies that this object is related to the related object.
Dropped	Specifies that this object dropped the related object.
Dropped_By	Specifies that this object was dropped by the related object.
Contains	Specifies that this object contains the related object.
Contained_Within	Specifies that this object is contained within the related object.
Extracted_From	Specifies that this object was extracted from the related object.
Installed	Specifies that this object installed the related object.
Installed_By	Specifies that this object was installed by the related object.

Connected_To	Specifies that this object connected to the related object.
Connected_From	Specifies that this object was connected to from the related object.
Sub-domain_Of	Specifies that this object is a sub-domain of the related object.
Supra-domain_Of	Specifies that this object is a supra-domain of the related object.
Root_Domain_Of	Specifies that this object is the root domain of the related object.
FQDN_Of	Specifies that this object is an FQDN of the related object.
Parent_Of	Specifies that this object is a parent of the related object.
Child_Of	Specifies that this object is a child of the related object.
Characterizes	Specifies that this object describes the properties of the related object. This is most applicable in cases where the related object is an Artifact Object and this object is a non-Artifact Object.
Characterized_By	Specifies that the related object describes the properties of this object. This is most applicable in cases where the related object is a non-Artifact Object and this object is an Artifact Object.
Used	Specifies that this object used the related object.
Used_By	Specifies that this object was used by the related object.
Redirects_To	Specifies that this object redirects to the related object.
cyboxVocabs:HashNameEnum-1.0	

MD5	The MD5 value specifies the MD5 hashing algorithm.
MD6	The MD6 value specifies the MD6 hashing algorithm.
SHA1	The SHA1 value specifies the SHA1 hashing algorithm.
SHA224	The SHA24 value specifies the SHA224 hashing algorithm.
SHA256	The SHA256 value specifies the SHA256 hashing algorithm.
SHA384	The SHA384 value specifies the SHA384 hashing algorithm.
SHA512	The SHA512 value specifies the SHA512 hashing algorithm.
SSDEEP	The SSDEEP value specifies the SSDEEP hashing algorithm.
AISMarking:TLPColorEnum	
AMBER	
GREEN	
WHITE	
stixCommon:DateTimePrecisionEnum	

year	DateTime is precise to the given year.
month	DateTime is precise to the given month.
day	DateTime is precise to the given day.
hour	DateTime is precise to the given hour.
minute	DateTime is precise to the given minute.
second	DateTime is precise to the given second (including fractional seconds).
URIObj:URITypeEnum	
URL	Specifies a URL type of URI.
General URN	Specifies a General URN type of URI.
Domain Name	Specifies a Domain Name type of URI.
AISConsentMarking:AISCoonsentEnum	
None	Does not consent to have submitter attribution of this submission outside of DHS
USG	Consents to have submitter attribution of this submission to USG
Everyone	Consents to have submitter attribution of this submission to Everyone

HighMediumLowVocab-1.0	
High	High Confidence
Medium	Medium Confidence
Low	Low Confidence
None	None Confidence
Unknown	Unknown Confidence
DNSRecordNameEnum	
Address record	
IPv6 address record	
AFS database record	
Address Prefix List	
Authoritative Zone Transfer	
Certification Authority Authorization	
Child DNSKEY	

Child DS	
Certificate record	
Canonical name record	
DHCP identifier	
DNSSEC Lookaside Validation record	
Delegation Name	
DNS Key record	
Delegation signer	
Host Identity Protocol	
IPsec Key	
Incremental Zone Transfer	
Key record	
Key Exchanger record	
Location record	

Mail exchange record	
Naming Authority Pointer	
Name server record	
Next-Secure record	
NSEC record version 3	
NSEC3 parameters	
Option	
Pointer record	
Responsible Person	
DNSSEC signature	
Signature	
Start of [a zone of] authority record	
Service locator	
SSH Public Key Fingerprint	

DNSSEC Trust Authorities	
Transaction Key record	
TLSA certificate association	
Transaction Signature	
Text record	
DNSRecordTypeEnum	
A	
AAAA	
AFSDB	
APL	
AXFR	
CAA	
CDNSKEY	
CDS	

CERT	
CNAME	
DHCID	
DLV	
DNAME	
DNSKEY	
DS	
HIP	
IPSECKEY	
IXFR	
KEY	
KX	
LOC	
MX	

NAPTR	
NS	
NSEC	
NSEC3	
NSEC3PARAM	
OPT	
PTR	
RP	
RRSIG	
SIG	
SOA	
SRV	
SSHFP	
TA	

TKEY	
TLSA	
TSIG	
TXT	