

Schema Types

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Query

Field	Argument	Type	Description
endpoints		[String!]!	
loadedEndpoints		[Endpoint!]!	
user		UserPayload!	Query user information.
	name	String!	
checkSession		Boolean!	Check whether session is available.
	sessionValue	String	
getUserGroup		UserGroup	Query user group.
	name	String	
userPermission		UserPermission	Query user permission.
logMessages		LogMessageConnection	Query log messages.
	before	String	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .

Field	Argument	Type	Description
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.
	input	<u>LogSearchInput!</u>	
alarmMessages		<u>AlarmMessageConnection</u>	Query alarm messages.
	input	<u>AlarmSearchInput</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with <code>last</code> to implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most

Field	Argument	Type	Description
			first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
getGenerateDiagnosticFileStatus		<u>DiagnosticExportStatus!</u>	Check whether the diagnosis file is generated successfully.
getBuildInfo		<u>BuildInfo!</u>	Query build info.
getBuildInfoFromCloud		<u>BuildInfo!</u>	Query build info from cloud.
getManualUpdateStatus		<u>ManualUpdateStatus!</u>	Query manual update status.
getUpdateVersion		<u>UpdateVersion!</u>	Query updated version.
getUploadedFilePath		[<u>String!</u>]!	Query uploaded file path.
	fileType	<u>String!</u>	
getFileList		[<u>FileDetail!</u>]!	Query file list.
	fileType	<u>String!</u>	
device		<u>Device!</u>	Query device.
sshTunnels		<u>SshTunnelConnection</u>	Query ssh tunnels.

Field	Argument	Type	Description
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
securityManager		<u>SecurityManager!</u>	Query security manager.
networkServices		<u>NetworkServiceConnection</u>	Query network services.
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to

Field	Argument	Type	Description
			implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.
node		<u>Node</u>	
	id	<u>ID!</u>	
nodes		<u>[Node]!</u>	Fetches objects given their IDs
	ids	<u>[ID!]!</u>	The IDs of objects
dhcpServer		<u>DhcpServer!</u>	
system		<u>System!</u>	Query system info.
releaseNotes		<u>String!</u>	Query release notes.
microServices		<u>[ServiceState!]!</u>	Query micro services.
thirdPartyInfo		<u>ThirdPartyInfoPayload!</u>	Query third party info.
ipConflicts		<u>IpConflictConnection</u>	Query conflicting IP.

Field	Argument	Type	Description
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
templateProfiles		<u>TemplateProfileConnection</u>	Query template profiles.
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .

Field	Argument	Type	Description
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
igmpQueriers		<u>IgmpQuerierConnection</u>	Query igmp queriers.
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.

Field	Argument	Type	Description
licenseOptions		LicenseOptionConnection	Query license options.
	before	String	Specifies a cursor for use in combination with <code>last</code> to implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	String	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	Int	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	Int	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.
licenseManager		LicenseManager!	Query license management information.
licenseOperationResult		LicenseOperationResult!	Query whether the license operation is successful.
videoWalls		VideoWallConnection	
	before	String	Specifies a cursor for use in combination with <code>last</code> to

Field	Argument	Type	Description
			implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.
videoWallTemplates		<u>VideoWallConnection</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with <code>last</code> to implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .

Field	Argument	Type	Description
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
avMatrixLinks		<u>AvMatrixLinkConnection</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
avMatrixSubLinks		<u>AvMatrixSubLinkConnection</u>	

Field	Argument	Type	Description
	before	<u>String</u>	Specifies a cursor for use in combination with <code>last</code> to implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.
destinationIpConflicts		<u>DestinationIpConflictConnection</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with <code>last</code> to implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .

Field	Argument	Type	Description
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
userPreference		<u>UserPreferencePayload!</u>	
	name	<u>String!</u>	
resources		<u>ResourceConnection</u>	Query all resources.
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last

Field	Argument	Type	Description
			edges before the before cursor.
activeState		<u>ActiveResourceState!</u>	Query active resource state.
offlineCount		<u>Int!</u>	Query the number of offline resources.
getUpgradingRemoteDevices		<u>ResourceConnection</u>	Query the device being upgraded.
	input	<u>ResourceRemoteUpgradeInput!</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.

Field	Argument	Type	Description
getResourceDiagnosticFileStatus		FileExportStatus!	Get the diagnostic file generation status.
getProfileStatus		FileExportStatus!	Get the profile generation status.
getUploadFileToBatchAddDevice		[Resource!]	Add resources in batches using a csv file.
	fileType	FileType!	
	fileName	String!	
getCMProfileInfoFromFile		ProfileInfo!	
	fileName	String!	
resourceGroups		ResourceGroupConnection	Query resource group.
	before	String	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	String	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	Int	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	Int	A non-negative integer that specifies to return at most last

Field	Argument	Type	Description
			edges before the before cursor.
resourceGroupings		<u>ResourceGroupingConnection</u>	Query resource grouping.
	orderBy	<u>ResourceGroupingOrderInput</u>	
	filter	<u>ResourceGroupingFilterInput</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
tags		<u>TagConnection</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .

Field	Argument	Type	Description
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.
<code>peerToPeerResources</code>		<u>PeerToPeerResourceConnection</u>	
	before	<u>String</u>	Specifies a cursor for use in combination with <code>last</code> to implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.

Field	Argument	Type	Description
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.

Mutation

Field	Argument	Type	Description
addEndpoint		<u>Boolean!</u>	
	url	<u>String!</u>	
removeEndpoint		<u>Boolean!</u>	
	url	<u>String!</u>	
createUser		<u>UserPayload!</u>	Create user.
	email	<u>String</u>	
	password	<u>String!</u>	
	name	<u>String!</u>	
deleteUser		<u>UserPayload!</u>	Delete user.
	name	<u>String!</u>	
updateUser		<u>UserPayload!</u>	Update user.
	email	<u>String</u>	
	password	<u>String</u>	
	name	<u>String!</u>	
login		<u>LoginPayload!</u>	User login.
	remember	<u>Boolean</u>	
	password	<u>String!</u>	

Field	Argument	Type	Description
	name	<u>String!</u>	
logout		<u>Boolean!</u>	User logout.
	sessionValue	<u>String</u>	
addUserGroup		<u>UserGroup!</u>	Add user group.
	permissions	[<u>String!</u>]	
	name	<u>String!</u>	
deleteUserGroup		<u>UserGroup!</u>	Delete user group.
	name	<u>String!</u>	
createUserPermission		<u>UserPermission!</u>	Create user permission.
	name	<u>String!</u>	
deleteUserPermission		<u>UserPermission!</u>	Delete user permission.
	name	<u>String!</u>	
createLogMessage		<u>LogMessagePayload!</u>	Create log message.
	input	<u>LogCreateInput!</u>	
deleteLogMessages		<u>LogMessagePayload!</u>	Delete log message.
	before	<u>String</u>	Specifies a cursor for us in combination with last to implement backward pagination. See pageInfo.startCursor

Field	Argument	Type	Description
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code>
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.
	input	<u>LogSearchInput!</u>	
dismissLogMessage		<u>Boolean!</u>	Dismiss log message.
	input	<u>LogDismissInput!</u>	
clearLogMessages		<u>LogMessagePayload!</u>	Clear log message.
generateDiagnosticFile		<u>DiagnosticExportStatus!</u>	Generate diagnostic file
executeUpdateImage		<u>UpdateStatus!</u>	Execute image update.
	input	<u>ExecuteUpdateInput!</u>	
startAutoUpdate		<u>ManualUpdateStatus!</u>	Start automatic update.

Field	Argument	Type	Description
startAutoUpdateFromCloud		<u>ManualUpdateStatus!</u>	Start automatic update from cloud.
manualStartUpdate		<u>ManualUpdateStatus!</u>	Start manual update.
manualRevert		<u>ManualRevertStatus!</u>	Start manual revert.
uploadFile		<u>FileUploadPayload!</u>	Upload file.
	fileType	<u>String!</u>	
	fileInput	<u>Upload!</u>	
deleteUploadFile		<u>ErrorType!</u>	Delete file.
	fileName	<u>String</u>	
	fileType	<u>String!</u>	
addFileDescription		<u>ErrorType!</u>	Add description information to the file
	description	<u>String!</u>	
	fileName	<u>String!</u>	
	fileType	<u>String!</u>	
updateDevice		<u>DevicePayload!</u>	Update device.
	input	<u>DeviceUpdateInput!</u>	
updateNetworkInterface		<u>NetworkInterfacePayload!</u>	Update network interface
	input	<u>NetworkInterfaceUpdateInput!</u>	

Field	Argument	Type	Description
createVlanNetworkInterface		NetworkInterfacePayload!	Create vlan network interface.
	input	NetworkVlanInterfaceCreateInput!	
updateVlanNetworkInterface		NetworkInterfacePayload!	Update vlan network interface.
	input	NetworkVlanInterfaceUpdateInput!	
deleteVlanNetworkInterface		NetworkInterfacePayload!	Delete vlan network interface.
	id	ID!	Unique Identifier of the object to delete.
createSshTunnel		SshTunnelPayload!	Create ssh tunnel.
	input	SshTunnelCreateInput!	
updateSshTunnel		SshTunnelPayload!	Update ssh tunnel.
	input	SshTunnelUpdateInput!	
deleteSshTunnel		SshTunnelPayload!	Delete ssh tunnel.
	id	ID!	Unique Identifier of the object to delete.
applySecret		SecretTlsPayload!	Apply secret tls.
updateSecurityManager		SecurityManagerPayload!	Update security manager.

Field	Argument	Type	Description
	input	<u>SecurityManagerUpdateInput!</u>	
generateCsrFile		<u>SecurityManagerPayload!</u>	Generate csr file.
	input	<u>SecurityManagerUpdateInput!</u>	
deleteOldCsrFile		<u>SecurityManagerPayload!</u>	Delete old csr file.
	id	<u>ID!</u>	
deleteOldLocalPrivateKeyFile		<u>DeleteFilePayload!</u>	Delete old private key fi
updateNetworkService		<u>NetworkServicePayload!</u>	Update network service
	input	<u>NetworkServiceUpdateInput!</u>	
updateDhcpServer		<u>DhcpServerPayload!</u>	
	input	<u>DhcpServerUpdateInput!</u>	
updateDateTime		<u>SysDateTimePayload!</u>	Update date time.
	input	<u>DateTimeInput!</u>	
rebootSystem		<u>ErrorType!</u>	Reboot system.
updateSystem		<u>SystemPayload!</u>	Update system.
	input	<u>SystemUpdateInput!</u>	
createTemplateProfile		<u>TemplateProfilePayload!</u>	Create template profile.
	input	<u>TemplateProfileCreateInput!</u>	
updateTemplateProfile		<u>TemplateProfilePayload!</u>	Update template profile
	input	<u>TemplateProfileUpdateInput!</u>	

Field	Argument	Type	Description
deleteTemplateProfile		<u>TemplateProfilePayload!</u>	Delete template profile.
	id	<u>ID!</u>	Unique Identifier of the object to delete.
applyTemplateProfile		<u>TemplateProfilePayload!</u>	Apply template profile.
	id	<u>ID!</u>	Unique Identifier of the object to apply.
applyLicenseKey		<u>LicensePayload!</u>	Apply license key.
	input	<u>LicenseApplyInput!</u>	
deleteLicenseKeys		<u>LicensePayload!</u>	Delete license key.
createVideoWall		<u>VideoWallPayload!</u>	
	input	<u>CreateVideoWallInput!</u>	
updateVideoWall		<u>VideoWallPayload!</u>	
	input	<u>UpdateVideoWallInput!</u>	
deleteVideoWall		<u>VideoWallPayload!</u>	
	id	<u>ID!</u>	Unique Identifier of the object to delete.
createAvMatrixLink		<u>AvMatrixLinkPayload!</u>	
	input	<u>CreateAvMatrixLinkInput!</u>	
deleteAvMatrixLink		<u>AvMatrixLinkPayload!</u>	
	id	<u>ID!</u>	Unique Identifier of the object to delete.

Field	Argument	Type	Description
createAvMatrixSubLink		AvMatrixSubLinkPayload!	
	input	CreateAvMatrixSubLinkInput!	
createAvMatrixSubLinkGroup		ErrorType!	
	input	CreateAvMatrixSubLinkGroupInput!	
deleteAvMatrixSubLink		AvMatrixSubLinkPayload!	
	id	ID!	Unique Identifier of the object to delete.
deleteAvMatrixSubLinkGroup		ErrorType!	
	input	DeleteAvMatrixSubLinkGroupInput!	
updateUserPreference		UserPreferencePayload!	
	input	UpdateUserPreferenceInput!	
updateResource		ResourcePayload!	Update resource field.
	input	UpdateResourceInput!	
updateResources		ErrorType!	Update the manager status of multiple resources.
	inputs	[UpdateResourceManageStatusInput!]!	
updateDeviceList		ResourceDevicePayload!	
	input	UpdateDeviceListInput!	
updateDeivces		ResourceDevicePayload!	
	input	UpdateDevicesInput!	
deleteResource		ResourcePayload!	Delete a resource.
	id	ID!	Unique Identifier of the object to delete.

Field	Argument	Type	Description
deleteResources		ErrorType!	Delete multiple resource
	ids	[ID!]!	
startUpgradingRemoteDevices		ResourcePayload!	
	input	ResourceRemoteUpgradeInput!	
applyRemoteProfile		ResourcePayload!	Apply a profile to remot devices.
	input	ResourceRemoteProfileInput!	
uploadEdid		ResourcePayload!	
	input	ResourceRemoteEdidInput!	
generateSelectedDevicesDiagnosticFile		FileExportStatus!	Notify the remote device to generate a diagnostic file.
	ids	[ID!]!	Unique Identifier of the object to generate diagnostic file.
generateProfile		FileExportStatus!	Notify the remote device to generate a profile.
	inputs	[ProfileDownloadInput!]!	
generateVaProfile		ErrorType!	
	generate	Boolean!	
	id	ID!	Unique Identifier of the object to generate profil
addResourceByIP		ResourcePayload!	Add a resource by ip.

Field	Argument	Type	Description
	input	<u>CreateResourceInput!</u>	
connectCM		<u>ConnectionResponse!</u>	
	input	<u>ConnectionInput!</u>	
disconnectCM		<u>ErrorType!</u>	
	publicKey	<u>String!</u>	
createResourceGroup		<u>ResourceGroupPayload!</u>	Create a resource group
	input	<u>CreateResourceGroupInput!</u>	
updateResourceGroup		<u>ResourceGroupPayload!</u>	Update resource group.
	input	<u>UpdateResourceGroupInput!</u>	
deleteResourceGroup		<u>ResourceGroupPayload!</u>	Delete a resource group
	id	<u>ID!</u>	Unique Identifier of the object to delete.
createTag		<u>TagPayload!</u>	
	input	<u>CreateTagInput!</u>	
updateTag		<u>TagPayload!</u>	
	input	<u>UpdateTagInput!</u>	
deleteTag		<u>TagPayload!</u>	
	id	<u>ID!</u>	Unique Identifier of the object to delete.
peerToPeerResourceConnect		<u>ErrorType!</u>	

Objects

ActiveResourceCount

Active Resource Count.

Field	Argument	Type	Description
name		<u>String!</u>	name of device type
count		<u>Int!</u>	The number of active devices.

ActiveResourceState

Active re.

Field	Argument	Type	Description
activeCount		<u>Int!</u>	The number of active devices.
encoderCount		<u>Int!</u>	The number of encoder.
decoderCount		<u>Int!</u>	The number of decoder.
ipmxInCount		<u>Int!</u>	The number of IPMX input.
ipmxOutCount		<u>Int!</u>	The number of IPMX output.
deviceProductModelCount		<u>[ActiveResourceCount!]!</u>	the info of active cmp device

AlarmMessage

Field	Argument	Type	Description
timestamp		<u>DateTime!</u>	The timestamp of the message produced.
severity		<u>Severity</u>	The severity of the message.
transition		<u>transition</u>	The transition of the message to indicate the alarm appear or disappear.
locationType		<u>String</u>	The GraphQL type name associated with the feature which produced the log.
locationLabel		<u>String</u>	The location label which is corresponding to the locationId.
deviceLabel		<u>String</u>	The device label which is corresponding to the route source or destination.
message		<u>String!</u>	The message content.
parameter		<u>String</u>	The message parameter in json format.
id		<u>ID!</u>	
podName		<u>String!</u>	The pod name.
notify		<u>Boolean!</u>	The flag to notify the webui and snmp.
locationId		<u>ID</u>	The GraphQL Node ID for the object which produced the log.
location		<u>Node</u>	The GraphQL Node for the object which produced the log.

AlarmMessageConnection

Represents a Relay Connection to a collection of `AlarmMessage` objects.

Field	Argument	Type	Description
edges		[AlarmMessageEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[AlarmMessage]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

AlarmMessageEdge

A Relay edge to a related `AlarmMessage` object and a cursor for pagination.

Field	Argument	Type	Description
node		AlarmMessage	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

AnalogAudio

Analog Audio infos.

Field	Argument	Type	Description
analogAudioState		Enable	The state of analog audio.

Field	Argument	Type	Description
analogAudioSourceSelection		InputAudioSource	The source selection of analog audio.
analogAudioVolume		Int	The volume of analog audio.
analogAudioMute		Enable	The mute of analog audio.
analogAudioDirection		AnalogAudioDirection	The direction of analog audio.

AudioStream

The device audio infos.

Field	Argument	Type	Description
streamInterface		NetworkConnector	The stream interface of device.
streamDstIpAddress		String	The stream destination ip of device.
streamDstPort		Int	The stream destination port of device.
streamState		Enable	The stream state of device.
streamLinkStatus		Lock	The stream link status of device.
streamInst		String	The stream instance of device.
streamId		String	The stream id of device.

Field	Argument	Type	Description
streamSubscriptionId		String	The stream subscription id of device.
streamSubscriptionActive		Boolean	Whether the device corresponding to the subscription id is activated.
audioInputSelection		InputAudioSource	The input selection of audio.
audioStreamType		AudioSourceType	The type of audio.
audioStreamBitDepth		AudioBitDepth	The bit depth of audio.
audioStreamSampleRate		AudioSampleRate	The sample rate of audio.
audioStreamChannelNumber		Int	The channel number of audio.
audioStreamVolume		Int	The volume of audio.
audioHdcpPort		Int	
audioInputHdcpIpAddress		String	
audioInputHdcpPort		Int	
audioStreamMute		Enable	The mute of audio.
audioCodecState		Enable	Compressed audio.
audioCodecMode		AudioModeAutoManual	
audioManualCodecType		AudioCodecType	
audioManualCodecProfile		AudioProfile	
audioManualCodecBitrate		AudioBitrate	

Field	Argument	Type	Description
audioCodecStatus		Status	
audioInputSourceType		AudioSourceType	
audioInputCodecType		AudioCodecType	
audioInputCodecProfile		AudioProfile	
audioOutputCodecType		AudioCodecType	
audioOutputCodecProfile		AudioProfile	
audioIpInputStreamType		IpStreamType	Input ip stream.

AvMatrixCache

AV matrix cache.

Field	Argument	Type	Description
filter		FilterCache!	

AvMatrixLink

Field	Argument	Type	Description
id		ID!	
senderIds		[ID!]!	
receiverIds		[ID!]!	

AvMatrixLinkConnection

Represents a Relay Connection to a collection of [AvMatrixLink](#) objects.

Field	Argument	Type	Description
edges		[AvMatrixLinkEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.

Field	Argument	Type	Description
nodes		[AvMatrixLink]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

AvMatrixLinkEdge

A Relay edge to a related [AvMatrixLink](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		AvMatrixLink	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

AvMatrixLinkPayload

Payload response of operations on av matrix link.

Field	Argument	Type	Description
avMatrixLink		AvMatrixLink	The AvMatrix object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.
errorType		ErrorType!	The errors, if any, which occurred while performing the operation.

AvMatrixSubLink

Field	Argument	Type	Description
id		ID!	
senderId		ID!	
receiverId		ID!	

Field	Argument	Type	Description
linkType		AvMatrixLinkType!	

AvMatrixSubLinkConnection

Represents a Relay Connection to a collection of [AvMatrixSubLink](#) objects.

Field	Argument	Type	Description
edges		[AvMatrixSubLinkEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[AvMatrixSubLink]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

AvMatrixSubLinkEdge

A Relay edge to a related [AvMatrixSubLink](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		AvMatrixSubLink	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

AvMatrixSubLinkPayload

Payload response of operations on av matrix sub link.

Field	Argument	Type	Description
avMatrixSubLink		AvMatrixSubLink	The AvMatrix object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.
errorType		ErrorType!	The errors, if any, which occurred while performing the operation.

BandwidthStat

Bandwidth statistics of network interfaces, routes, or system.

Field	Argument	Type	Description
ingress		BigInt!	Bitrate of received data, in bits per second.
egress		BigInt!	Bitrate of transmitted data, in bits per second.

Bezel

Bezel settings.

Field	Argument	Type	Description
top		Int!	
bottom		Int!	
left		Int!	
right		Int!	

BuildInfo

Build info.

Field	Argument	Type	Description
latestVersion		<u>String!</u>	Latest build version.
fileName		<u>String!</u>	File name of the latest build.
releaseNotes		<u>String!</u>	Release notes of latest build version.

ConnectionInfo

info to connect CM.

Field	Argument	Type	Description
publicKey		<u>String!</u>	Public key of CM
sshTunnelPort		<u>Int!</u>	sshtunnel connect port
sshTunnelAddress		<u>String!</u>	sshtunnel connect address

ConnectionResponse

Connection response.

Field	Argument	Type	Description
code		<u>ErrorCode!</u>	error code
message		<u>String!</u>	message
info		<u>ConnectionInfo</u>	Connection response info

Cookie

Cookie info.

Field	Argument	Type	Description
key		String	The cookie Key.
value		String	The cookie value.

DanteAudio

Dante audio infos.

Field	Argument	Type	Description
danteAudioOutputState		Enable	The state of dante audio.
danteAudioSourceSelect		InputAudioSource	The source selection of dante audio.
danteAudioStreamVolume		Int	The volume of dante audio.
danteInputSampleRate		AudioSampleRate	The sample rate of dante audio.
danteInputChannels		Int	The channels of dante audio.
danteAudioMute		Enable	The mute of dante audio.

DashboardCache

Dashboard cache.

Field	Argument	Type	Description
widgets		[WidgetCache!]!	

DeleteFilePayload

Payload response of operations on delete file.

Field	Argument	Type	Description
errorType		ErrorType!	

DestinationIpConflict

Field	Argument	Type	Description
ip		String!	Conflict destination IP address.
names		[String!]!	Conflict resource names.
id		ID!	

DestinationIpConflictConnection

Represents a Relay Connection to a collection of [DestinationIpConflict](#) objects.

Field	Argument	Type	Description
edges		[DestinationIpConflictEdge!]	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[DestinationIpConflict!]	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

DestinationIpConflictEdge

A Relay edge to a related **DestinationIpConflict** object and a cursor for pagination.

Field	Argument	Type	Description
node		<u>DestinationIpConflict</u>	The related object at the end of the edge.
cursor		<u>String!</u>	A cursor for use in pagination.

Device

Field	Argument	Type	Description
id		<u>ID!</u>	
label		<u>String!</u>	User-defined name used to identify this object.
hostname		<u>String!</u>	Hostname of this Device.
uuid		<u>String!</u>	Uuid of this Device.
serialNumber		<u>String!</u>	Serial number of this Device.
networkNameserver		<u>NetworkNameserver!</u>	Network name server.
deviceId		<u>String!</u>	Fingerprint ID of this Device.
startTime		<u>DateTime!</u>	Start time.
networkDefaultGateway		<u>NetworkInterface</u>	Default gateway of device.

Field	Argument	Type	Description
stats		<u>DeviceStatistics!</u>	Device statistics.
networkInterfaces		<u>NetworkInterfaceConnection</u>	A Relay Connection to a collection of Network interfaces on this Device.
	filter	<u>NetworkInterfaceType</u>	Set to filter only certain network interface types.
	before	<u>String</u>	Specifies a cursor for use in combination with <u>last</u> to implement backward pagination. See <u>pageInfo.startCursor</u> .
	after	<u>String</u>	Specifies a cursor for use in combination with <u>first</u> to implement forward pagination. See <u>pageInfo.endCursor</u> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <u>first</u> edges after the <u>after</u> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <u>last</u> edges before the <u>before</u> cursor.

DeviceConnection

Represents a Relay Connection to a collection of [Device](#) objects.

Field	Argument	Type	Description
edges		[DeviceEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo !	Pagination data for this connection.
nodes		[Device]!	List of nodes in this connection.
totalCount		Int !	Total count of nodes available.

DeviceEdge

A Relay edge to a related [Device](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		Device	The related object at the end of the edge.
cursor		String !	A cursor for use in pagination.

DeviceHDD

Device hard disk drive usage.

Field	Argument	Type	Description
total		Float !	HDD total capacity, in megabytes.
used		Float !	HDD Used disk space, in megabytes.

DeviceListCache

Device list cache.

Field	Argument	Type	Description
filter		FilterCache!	
columns		[String!]!	

DevicePayload

Payload response of operations on device.

Field	Argument	Type	Description
device		Device	Device info.
errorType		ErrorType!	Error type.

DeviceRamUsage

Device random access memory usage.

Field	Argument	Type	Description
total		Float!	Total memory of device, in megabytes.
routes		Float!	Memory used by routes, in megabytes.
others		Float!	Memory used by others, in megabtyes.

DeviceStatistics

Device statistics.

Field	Argument	Type	Description
cpuUsage		[Float!]!	Usage in percentage per CPU core.
temps		[Int!]!	Temperature per CPU core, in Celsius.
fanSpeeds		[Int!]!	Speed of each fan, in rotations per minute.
ramUsage		DeviceRamUsage!	Device RAM usage.
hddUsage		DeviceHDD!	Hard disk drive usage.

DeviceStream

The device stream infos.

Field	Argument	Type	Description
streamInterface		NetworkConnector	The stream interface of device.
streamDstIpAddress		String	The stream destination ip of device.
streamDstPort		Int	The stream destination port of device.
streamState		Enable	The stream state of device.
streamLinkStatus		Lock	The stream link status of device.
streamInst		String	The stream instance of device.

Field	Argument	Type	Description
streamId		<u>String</u>	The stream id of device.
streamSubscriptionId		<u>String</u>	The stream subscription id of device.
streamSubscriptionActive		<u>Boolean</u>	Whether the device corresponding to the subscription id is activated.

DeviceVideoWall

Field	Argument	Type	Description
id		<u>ID!</u>	
output		<u>DeviceVideoWallOutput!</u>	Device video wall output settings.
bezel		<u>Bezel!</u>	Bezel settings.
panelId		<u>PanelId!</u>	
resourceId		<u>ID!</u>	
sourceId		<u>ID</u>	
data		<u>Boolean!</u>	If data is (true), this device will have the data link. If data is (false), this device will (not) have the data link.
resource		<u>Resource</u>	The Resource , if any, which contained by this DeviceVideoWall .

DeviceVideoWallConnection

Represents a Relay Connection to a collection of **DeviceVideoWall** objects.

Field	Argument	Type	Description
edges		[DeviceVideoWallEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo !	Pagination data for this connection.
nodes		[DeviceVideoWall]!	List of nodes in this connection.
totalCount		Int !	Total count of nodes available.

DeviceVideoWallEdge

A Relay edge to a related [DeviceVideoWall](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		DeviceVideoWall	The related object at the end of the edge.
cursor		String !	A cursor for use in pagination.

DeviceVideoWallOutput

Device video wall output settings.

Field	Argument	Type	Description
resolution		VideoResolution !	
frameRate		VideoFrameRate !	
rotation		PanelRotation !	

DhcpServer

Field	Argument	Type	Description
interfaceId		<u>ID!</u>	The interface of DHCP server.
state		<u>Boolean!</u>	The state of DHCP server. true : enable false: disable
id		<u>ID!</u>	

DhcpServerPayload

Payload response of operations on a DHCP server.

Field	Argument	Type	Description
dhcpServer		<u>DhcpServer</u>	
errorType		<u>ErrorType!</u>	

DiagnosticExportStatus

Diagnostic Export Status.

Field	Argument	Type	Description
result		<u>DiagnosticExportResult!</u>	Indicates whether the export was successful.
message		<u>String!</u>	Indicates the export success or failure message.

Endpoint

Field	Argument	Type	Description
url		<u>String!</u>	
sdl		<u>String!</u>	

ErrorType

Error type.

Field	Argument	Type	Description
code		ErrorCode!	error code
message		String!	message

Ethernet

Ethernet-specific data of a Network Interface link.

Field	Argument	Type	Description
mac		String!	MAC Address of an Ethernet link. to do: define MAC scalar.
duplex		LinkDuplex!	Duplex mode of an Ethernet link that has been negotiated.
speed		LinkSpeed!	Speed of an Ethernet link that has been negotiated.

FileDetail

File detail info.

Field	Argument	Type	Description
fileName		String!	file name
time		DateTime!	last modified time

Field	Argument	Type	Description
description		<u>String</u>	file description
fileType		<u>String!</u>	file type

FileExportStatus

File Export Status.

Field	Argument	Type	Description
result		<u>FileExportResult!</u>	File export result
message		<u>String!</u>	message

FileUpload

File upload info.

Field	Argument	Type	Description
uploadVersion		<u>String</u>	Uploaded software version. The version number will exist for runfile.
destinationPath		<u>String!</u>	Destination path for the saved file.

FileUploadPayload

Payload response of operations on a file upload.

Field	Argument	Type	Description
fileUpload		<u>FileUpload</u>	
errorType		<u>ErrorType!</u>	

FilterCache

Filter cache.

Field	Argument	Type	Description
filterGroup		String!	
filterDevice		FilterDevice!	
searchKey		String!	
order		OrderDirection!	
tags		[TagCache!]!	

Hdmi

HDMI infos.

Field	Argument	Type	Description
hdmiOutputState		Enable	The output state of HDMI.
hdmiCecStandardCommand		CecControl	The CEC standard command of HDMI.
hdmiCecCustomCommand		String	The CEC custom command of HDMI.
hdmiEdidMode		EdidMode	The edid mode of HDMI.
hdmiHdr		Enable	Whether HDR is enabled on HDMI.
hdmiHdrPassThrough		Enable	Whether HDR passthrough is enabled on HDMI.
hdmiOutputTransmitter		HdcpType	The output transmitter of HDMI.

Field	Argument	Type	Description
hdmiOutputSwitching		HdmiOutputDisplayMode	The output switching mode of HDMI.
hdmiOutputTimeout		Int	The output timeout period of HDMI.
hdmiMonitTransmitter		HdcpType	The monit transmitter of HDMI.
hdmiVolume		Int	The volume of HDMI.
hdmiInputHdcp		HdcpEncryption	The input HDCP of HDMI.
hdmiInputAudioType		AudioSourceType	The input audio type of HDMI.
hdmiInputAudioBitDepth		AudioBitDepth	The input audio bit depth of HDMI.
hdmiInputAudioSampleRate		Int	The input audio sample rate of HDMI.
hdmiInputAudioChannelNumber		Int	The input audio channel number of HDMI.
hdmiAudioMute		Enable	The output audio mute of HDMI.

HlsSource

Field	Argument	Type	Description
id		ID!	

IgmpQuerier

Field	Argument	Type	Description
ip		<u>String!</u>	IP of the IGMP querier.
id		<u>ID!</u>	

IgmpQuerierConnection

Represents a Relay Connection to a collection of [**IgmpQuerier**](#) objects.

Field	Argument	Type	Description
edges		<u>[IgmpQuerierEdge]!</u>	List of edges containing the nodes in this connection.
pageInfo		<u>PageInfo!</u>	Pagination data for this connection.
nodes		<u>[IgmpQuerier]!</u>	List of nodes in this connection.
totalCount		<u>Int!</u>	Total count of nodes available.

IgmpQuerierEdge

A Relay edge to a related [**IgmpQuerier**](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		<u>IgmpQuerier</u>	The related object at the end of the edge.
cursor		<u>String!</u>	A cursor for use in pagination.

IpConflict

Field	Argument	Type	Description
ip		String!	Conflict IP address.
macs		[String!]!	Conflict MAC addresses. Multiple MAC addresses share the same IP.
id		ID!	

IpConflictConnection

Represents a Relay Connection to a collection of [IpConflict](#) objects.

Field	Argument	Type	Description
edges		[IpConflictEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[IpConflict]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

IpConflictEdge

A Relay edge to a related [IpConflict](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		IpConflict	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

LicenseManager

Field	Argument	Type	Description
id		<u>ID!</u>	
productId		<u>String!</u>	product ID of license.
serialNumber		<u>String!</u>	Serial number of device.
demoExpiredOccurred		<u>Int!</u>	One of the demo expired occurred.
supportAgreementEnd		<u>DateTime!</u>	The license support agreement end date.

LicenseOperationResult

License operation result.

Field	Argument	Type	Description
status		<u>LicenseOperationStatus!</u>	Indicates the status of the license operation.
message		<u>String!</u>	Indicates the message of the license operation.

LicenseOption

Field	Argument	Type	Description
id		<u>ID!</u>	
name		<u>String!</u>	The license option name.
displayName		<u>String!</u>	The license option display name.

Field	Argument	Type	Description
category		String!	The license option category.
lockState		LicenseOptionLockState!	The license option lock state.
supportState		SupportState!	The license option support state.
maxCount		Int!	The license option available max instance number.
usedCount		Int!	The license option used instance counter.
reboot		Boolean!	The license option reboot required to active.
visible		Boolean!	Indicates whether the license option is visible.
expireDate		DateTime!	The license option expire date.

LicenseOptionConnection

Represents a Relay Connection to a collection of [LicenseOption](#) objects.

Field	Argument	Type	Description
edges		[LicenseOptionEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[LicenseOption]!	List of nodes in this connection.

Field	Argument	Type	Description
totalCount		<u>Int!</u>	Total count of nodes available.

LicenseOptionEdge

A Relay edge to a related [LicenseOption](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		<u>LicenseOption</u>	The related object at the end of the edge.
cursor		<u>String!</u>	A cursor for use in pagination.

LicensePayload

Payload response of apply a License.

Field	Argument	Type	Description
errorType		<u>ErrorType!</u>	

LogMessage

Field	Argument	Type	Description
timestamp		<u>DateTime!</u>	The timestamp of the message produced.
severity		<u>Severity</u>	The severity of the message.
transition		<u>transition</u>	The transition of the message to indicate the alarm appear or disappear.

Field	Argument	Type	Description
locationType		<u>String</u>	The GraphQL type name associated with the feature which produced the log.
locationLabel		<u>String</u>	The location label which is corresponding to the locationId.
deviceLabel		<u>String</u>	The device label which is corresponding to the route source or destination.
message		<u>String!</u>	The message content.
parameter		<u>String</u>	The message parameter in json format.
id		<u>ID!</u>	
logType		<u>LogType</u>	The type of the log message.
score		<u>Int!</u>	The score of the log search.
dismissed		<u>Boolean!</u>	Whether or not the message has been dismissed (via dismissLogMessage).
locationId		<u>ID</u>	The GraphQL Node ID for the object which produced the log.
location		<u>Node</u>	The GraphQL Node for the object which produced the log.

LogMessageConnection

Represents a Relay Connection to a collection of [LogMessage](#) objects.

Field	Argument	Type	Description
edges		[LogMessageEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo !	Pagination data for this connection.
nodes		[LogMessage]!	List of nodes in this connection.
totalCount		Int !	Total count of nodes available.

LogMessageEdge

A Relay edge to a related [LogMessage](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		LogMessage	The related object at the end of the edge.
cursor		String !	A cursor for use in pagination.

LogMessagePayload

Log message payload.

Field	Argument	Type	Description
errorType		ErrorType !	The errors, if any, which occurred while performing the operation.

LoginPayload

Payload response of login.

Field	Argument	Type	Description
cookie		Cookie	Cookies are returned after successful login.
errorType		ErrorType!	Error type.

ManualRevertStatus

Image revert status.

Field	Argument	Type	Description
stage		RevertStage!	Current update stage.
revertResult		RevertResult	The result of performing revert stage.
progress		Int	The progress of updating, from 0 to 100 in percentage.
currentVersion		String	Current image version.
uploadVersion		String	Uploaded image version.
revertVersion		String	Revert image version.

ManualUpdateStatus

Image updating status.

Field	Argument	Type	Description
stage		UpdateStage!	Current update stage.

Field	Argument	Type	Description
updateResult		UpdateResult	The result of performing update stage.
totalTime		Int	The total time for updating, in seconds.
currentVersion		String	Current image version.
uploadVersion		String	Uploaded image version.
revertVersion		String	Revert image version.

MpegIpDestination

Field	Argument	Type	Description
id		ID!	

MpegIpSource

Field	Argument	Type	Description
id		ID!	

Network

The device network infos.

Field	Argument	Type	Description
networkInterfaceName		String	The interface name of network.
networkInterfaceMode		NetworkMode	The interface mode of network.

Field	Argument	Type	Description
networkInterfaceIpAddress		String	The interface ip of network.
networkInterfaceSubnetMask		String	The interface subnetmask of network.
networkInterfaceGateway		String	The interface gateway of network.
networkInterfaceLinkSpeed		LinkSpeed	The interface link speed of network.
networkInterfaceRxBitrate		String	The interface rx bitrate of network.
networkInterfaceTxBitrate		String	The interface tx bitrate of network.
networkInterfaceInst		String	The interface instance of network.

NetworkInterface

Field	Argument	Type	Description
label		String!	Network interface label.
gateway		String!	Gateway of data flow carried by this network interface.
id		ID!	
name		String!	Network interface name in system.
addresses		[NetworkInterfaceAddress!]!	The addresses of this Network Interface.

Field	Argument	Type	Description
status		LinkStatus!	The current operational status of this Network Interface.
ethernet		Ethernet!	Ethernet-specific data of this Network Interface.
stats		NetworkInterfaceStats!	Statistics for this Network Interface.
igmp		Int!	IGMP version of the network to which this interface is connected.
vlan		Vlan	VLAN data if this NetworkInterface is a VLAN. Null otherwise.
primary		String	Primary name server. VLAN should be null.
secondary		String	Secondary name server. VLAN should be null.
device		Device!	Device to which this interface belongs.

NetworkInterfaceAddress

Field	Argument	Type	Description
mode		NetworkInterfaceAddressMode!	Mode of assigning a Network Interface address.
address		String!	IPv4 or IPv6 address.

Field	Argument	Type	Description
prefixLength		<u>Int!</u>	The length of the subnet prefix. to do: define NonNegativeInt scalar.
label		<u>String!</u>	User-defined name used to identify this object.
id		<u>ID!</u>	
interface		<u>NetworkInterface!</u>	Network Interface to which this address belongs.

NetworkInterfaceConnection

Represents a Relay Connection to a collection of [`NetworkInterface`](#) objects.

Field	Argument	Type	Description
edges		<u>[NetworkInterfaceEdge]!</u>	List of edges containing the nodes in this connection.
pageInfo		<u>PageInfo!</u>	Pagination data for this connection.
nodes		<u>[NetworkInterface]!</u>	List of nodes in this connection.
totalCount		<u>Int!</u>	Total count of nodes available.

NetworkInterfaceEdge

A Relay edge to a related [`NetworkInterface`](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		<u>NetworkInterface</u>	The related object at the end of the edge.

Field	Argument	Type	Description
cursor		String!	A cursor for use in pagination.

NetworkInterfacePayload

Payload response of operations on network interface.

Field	Argument	Type	Description
networkInterface		NetworkInterface	
errorType		ErrorType!	

NetworkInterfaceStats

Statistics for a Network Interface.

Field	Argument	Type	Description
rxBitrate		BigInt!	Bitrate of received data, in bits per second.
txBitrate		BigInt!	Bitrate of transmitted data, in bits per second.

NetworkNameserver

Network name server.

Field	Argument	Type	Description
primary		String!	Primary name server.
secondary		String!	Secondary name server.

NetworkService

Field	Argument	Type	Description
name		<u>String!</u>	Network service name.
protocol		<u>ProtocolType!</u>	Network service protocol type.
port		<u>Int!</u>	Network service port.
state		<u>State!</u>	Network service state.
defaultState		<u>State!</u>	Network service default state, it will be used when add a new interface.
iptablesChain		<u>FilterChainType!</u>	Network service iptables chain.
id		<u>ID!</u>	
links		<u>[NetworkServiceLink!]!</u>	List of links.

NetworkServiceConnection

Represents a Relay Connection to a collection of [NetworkService](#) objects.

Field	Argument	Type	Description
edges		<u>[NetworkServiceEdge]!</u>	List of edges containing the nodes in this connection.
pageInfo		<u>PageInfo!</u>	Pagination data for this connection.
nodes		<u>[NetworkService]!</u>	List of nodes in this connection.

Field	Argument	Type	Description
totalCount		<u>Int!</u>	Total count of nodes available.

NetworkServiceEdge

A Relay edge to a related [**NetworkService**](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		<u>NetworkService</u>	The related object at the end of the edge.
cursor		<u>String!</u>	A cursor for use in pagination.

NetworkServiceLink

Link-specific data for a Network Service.

Field	Argument	Type	Description
state		<u>State!</u>	The service state
networkInterface		<u>NetworkInterface</u>	Network interface identifying this network service link.

NetworkServicePayload

Payload response of operations on a Network Service.

Field	Argument	Type	Description
networkService		<u>NetworkService</u>	
errorType		<u>ErrorType!</u>	

PageInfo

The Relay compliant **PageInfo** type, containing data necessary to paginate this connection.

Field	Argument	Type	Description
hasNextPage		Boolean!	When paginating forwards, are there more items?
hasPreviousPage		Boolean!	When paginating backwards, are there more items?
startCursor		String	When paginating backwards, the cursor to continue. Set before to this value.
endCursor		String	When paginating forwards, the cursor to continue. Set after to this value.

PeerToPeerResource

Field	Argument	Type	Description
id		ID!	
streamLabel		String!	
streamDstIp		String!	
streamDstPort		Int!	
streamType		NmosStreamType!	
streamMode		IpStreamMode!	

PeerToPeerResourceConnection

Represents a Relay Connection to a collection of **PeerToPeerResource** objects.

Field	Argument	Type	Description
edges		[PeerToPeerResourceEdge]!	List of edges containing the nodes in this connection.

Field	Argument	Type	Description
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[PeerToPeerResource]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

PeerToPeerResourceEdge

A Relay edge to a related [PeerToPeerResource](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		PeerToPeerResource	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

ProfileDeviceInfo

The profile device infos.

Field	Argument	Type	Description
deviceSlot		Int	Slot number of device (board).
deviceType		DeviceType	The type of device.
deviceNmosIpAddress		String	The nmos ip of device.
deviceVersion		String	The version of device.

Field	Argument	Type	Description
deviceBoardName		<u>String</u>	The board name of device.
deviceSubType		<u>String</u>	The sub type of device.
deviceFirmwareVersion		<u>String</u>	The firmware version of device.
deviceHardVersion		<u>String</u>	The hard version of device.

ProfileInfo

Profile infos

Field	Argument	Type	Description
label		<u>String!</u>	User-defined name used to identify this object.
deviceType		<u>DeviceType!</u>	device Type
devices		<u>[ProfileDeviceInfo!]!</u>	Resource devices.

Resource

Field	Argument	Type	Description
id		<u>ID!</u>	
label		<u>String!</u>	User-defined name used to identify this object.
rawId		<u>String!</u>	
devices		<u>[ResourceDevice!]!</u>	Resource devices.

Field	Argument	Type	Description
device		<u>ResourceDevice</u>	Resource device.
outputDeviceType		<u>OutputDeviceType</u>	The output device type.
networks		<u>[Network!]</u>	Network.
hdmi		<u>Hdmi</u>	HDMI.
rs232		<u>Rs232</u>	RS232.
videoWall		<u>ResourceVideoWall</u>	Video wall.
videoStream		<u>VideoStream</u>	Video stream.
secondaryVideoStream		<u>VideoStream</u>	
audioStream		<u>AudioStream</u>	Audio stream.
secondaryAudioStream		<u>AudioStream</u>	
dataStream		<u>DeviceStream</u>	Data stream.
secondaryDataStream		<u>DeviceStream</u>	
dante		<u>DanteAudio</u>	Dante audio.
analog		<u>AnalogAudio</u>	Analog audio.
mainStreamLinkMode		<u>AvLinkMode</u>	main(JXS) stream link mode.

Field	Argument	Type	Description
subStreamLinkMode		AvLinkMode	sub(H26X) stream link mode.
deviceManage		Boolean	Whether to add to the management list.
manuallyConnect		Boolean	Whether to use manual connection? nmos is not available.
manuallyConnectInterface		String	Network that is requested to go during manual connection.
manuallyConnectRemotePort		Int	Network port that is requested to go during manual connection.
httpProtocol		HttpProtocol!	What protocol is used to connect devices(HTTPS or HTTP)
uniqueIdentification		String	Device unique identification cmp: 设备mac地址. csp: Unit Serial Number
alarmQuantity		Int	alarm numer
publicKey		String	Public key
fingerprint		String	Public key fingerprint
userAccount		UserAccount	User Account

Field	Argument	Type	Description
group		<u>ResourceGroup</u>	The ResourceGroup , if any, which contains this Resource .
tags		<u>TagConnection</u>	A Relay Connection to a collection of Tag objects contained by this Resource .
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.

ResourceChannel

channel infos

Field	Argument	Type	Description
name		<u>String</u>	channel Name
id		<u>Int</u>	channel id

Field	Argument	Type	Description
alarmStatus		Boolean	alarm status
status		Boolean	channel status
enable		Enable	channel enable status

ResourceConnection

Represents a Relay Connection to a collection of [Resource](#) objects.

Field	Argument	Type	Description
edges		[ResourceEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[Resource]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

ResourceDecoder

Decoder infos

Field	Argument	Type	Description
inputBitrate		Float	Input Bitrate.
videoAverageBitrate		Float	Video Bitrate.

Field	Argument	Type	Description
outputs		[ResourceDecoderOutput!]	Decoder output infos.
decoderName		String	Decoder Name
inputName		String	Input Name
inputActiveState		Enable	Input Active State
serviceName		String	Service Name
serviceNumber		String	Service Number
videoResolution		String	Video Resolution
basebandOutputType		String	Baseband Output Type

ResourceDecoderOutput

Decoder output infos

Field	Argument	Type	Description
outputBitrate		Float	Output Bitrate.
outputName		String	output Name
outputActiveState		Enable	output active state

ResourceDevice

The device infos.

Field	Argument	Type	Description
deviceSlot		Int	Slot number of device (board).
deviceType		DeviceType	The type of device.
deviceNetState		NetState	The net state of device.
deviceAlarm		Boolean	The alarm of device.
deviceNmosName		String	The nmos name of device.
deviceNmosInterface		String	The nmos interface of device.
deviceNmosIpAddress		String	The nmos ip of device.
deviceUidCtl		Enable	Whether to enable uid Ctl.
deviceOutputCtl		Enable	Whether to enable output Ctl.
deviceTestModeCtl		Enable	Whether to enable test mode Ctl.
deviceDnsServer		String	The dns server of device.
deviceTrafficFlowMode		Boolean	The traffic flow mode of device.

Field	Argument	Type	Description
deviceControlNic		<u>NetworkConnector</u>	The control NIC of device.
deviceDanteName		<u>String</u>	The dante name of device.
deviceDanteNic		<u>NetworkConnector</u>	The dante NIC of device.
deviceUsbNic		<u>NetworkConnector</u>	The usb NIC of device.
deviceUsbSubscriptionId		<u>String</u>	The usb subscription id of device.
deviceSerialSubscriptionId		<u>String</u>	The serial subscription id of device.
deviceSerialIpConnectionStatus		<u>Lock</u>	The serial ip connection status of device.
deviceSelectedProfile		<u>String</u>	The selected profile of device.
deviceProfiles		<u>[String!]</u>	The profiles of device.
deviceVersion		<u>String</u>	The version of device.
deviceUsbIpConnectionStatus		<u>Status</u>	The usb ip connection status of device.
deviceUsbdeviceProduct		<u>[String!]</u>	The usb device product of device.
deviceRemoteUpgradeFileStatus		<u>FileStatus</u>	The remote upgrade file status of device.

Field	Argument	Type	Description
deviceRemoteUpgradeStage		UpdateStages	The remote upgrade stage of device.
deviceRemoteUpgradeProgress		Int	The remote upgrade progress of device.
deviceRemoteApplyProfileProgress		Int	The remote apply profile progress of device.
deviceRemoteProfileFileStatus		FileStatus	The remote profile file status of device.
deviceRemoteProfileApplyState		ProfileApplyState	The remote profile apply state of device.
deviceUpdateVersion		Boolean	The update version of device.
deviceBoardName		String	The board name of device.
deviceSubType		String	The sub type of device.
deviceFirmwareVersion		String	The firmware version of device.
deviceHardVersion		String	The hard version of device.
devicePassword		String	The password of device.
deviceNmosCtlHref		String	The nmos ctl href of device.
deviceCpuUsage		Float	
deviceDiskUsage		Float	
deviceMemUsage		Float	

Field	Argument	Type	Description
deviceSelectedUpgradeFile		<u>String</u>	The selected upgrade profile of device.
scheduleUpgradeTime		<u>DateTime</u>	The schedule upgrade time.
scheduleApplyProfileTime		<u>DateTime</u>	The schedule apply profile time.
scheduleUpgradeStatus		<u>ScheduleStatus</u>	The schedule upgrade status.
scheduleApplyProfileStatus		<u>ScheduleStatus</u>	The schedule apply profile status.
deviceLoadingState		<u>LoadingStatus</u>	The loading state of device.
cmpBoardType		<u>Int</u>	The board types of cmp.
devicePreviewStatus		<u>Status</u>	The previous status of device.
upgradeFailureReason		<u>String</u>	The reason of upgrade failure.
profileFailureReason		<u>String</u>	The reason of profile failure.
deviceIgmpVersion		<u>IgmpVersion</u>	The igmp version of device.
deviceRemoteProfileReboot		<u>String</u>	The remote profile reboot of device.
deviceTemperature		<u>Int</u>	Device temperature

Field	Argument	Type	Description
deviceRunTime		Int	Device runtime
deviceProductModel		String	The product model of device.
deviceDecoders		[ResourceDecoder!]	device decoder
deviceChannels		[ResourceChannel!]	device channel
systemStatus		Enable	System status for csp
upgradeFileUploadProgress		Int	Upgrade file upload progress
profileUploadProgress		Int	Profile upload progress
exportFileTransProgress		Int	
fansSpeed		[Int!]	Fans speed
tags		TagConnection	A Relay Connection to a collection of Tag objects contained by this Resource .
	before	String	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	String	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .

Field	Argument	Type	Description
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.

ResourceDevicePayload

Payload response of operations on a device.

Field	Argument	Type	Description
resources		<u>[Resource!]</u>	The Resource object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.
errorType		<u>ErrorType!</u>	The errors, if any, which occurred while performing the operation.

ResourceEdge

A Relay edge to a related **Resource** object and a cursor for pagination.

Field	Argument	Type	Description
node		<u>Resource</u>	The related object at the end of the edge.
cursor		<u>String!</u>	A cursor for use in pagination.

ResourceGroup

Field	Argument	Type	Description
label		<u>String!</u>	User-defined name used to identify this object.
id		<u>ID!</u>	
hidden		<u>Boolean!</u>	No longer use.
createdBy		<u>String!</u>	The user who created the resource group.
createdDate		<u>DateTime!</u>	The date the resource was created.
resources		<u>ResourceConnection</u>	A Relay Connection to a collection of Resource objects contained by this ResourceGroup .
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
tags		<u>TagConnection</u>	A Relay Connection to a collection of Tag objects contained by this ResourceGroup .

Field	Argument	Type	Description
	before	<u>String</u>	Specifies a cursor for use in combination with <code>last</code> to implement backward pagination. See <code>pageInfo.startCursor</code> .
	after	<u>String</u>	Specifies a cursor for use in combination with <code>first</code> to implement forward pagination. See <code>pageInfo.endCursor</code> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <code>first</code> edges after the <code>after</code> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <code>last</code> edges before the <code>before</code> cursor.

ResourceGroupConnection

Represents a Relay Connection to a collection of `ResourceGroup` objects.

Field	Argument	Type	Description
edges		<u>[ResourceGroupEdge]!</u>	List of edges containing the nodes in this connection.
pageInfo		<u>PageInfo!</u>	Pagination data for this connection.
nodes		<u>[ResourceGroup]!</u>	List of nodes in this connection.
totalCount		<u>Int!</u>	Total count of nodes available.

ResourceGroupEdge

A Relay edge to a related **ResourceGroup** object and a cursor for pagination.

Field	Argument	Type	Description
node		ResourceGroup	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

ResourceGroupPayload

Payload response of operations on a ResourceGroup.

Field	Argument	Type	Description
resourceGroup		ResourceGroup	The ResourceGroup object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.
errorType		ErrorType!	The errors, if any, which occurred while performing the operation.

ResourceGroupingConnection

Represents a Relay Connection to a collection of **ResourceGrouping** objects.

Field	Argument	Type	Description
edges		[ResourceGroupingEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[ResourceGrouping]!	List of nodes in this connection.

Field	Argument	Type	Description
totalCount		<u>Int!</u>	Total count of nodes available.

ResourceGroupingEdge

A Relay edge to a related [ResourceGrouping](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		<u>ResourceGrouping</u>	The related object at the end of the edge.
cursor		<u>String!</u>	A cursor for use in pagination.

ResourcePayload

Payload response of operations on a Resource.

Field	Argument	Type	Description
resource		<u>Resource</u>	The Resource object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.
errorType		<u>ErrorType!</u>	The errors, if any, which occurred while performing the operation.

ResourceVideoWall

The device video wall infos.

Field	Argument	Type	Description
videoWallMatrixSize		<u>MatrixSize</u>	The matrix size of video wall.

Field	Argument	Type	Description
videoWallPanelId		PanelId	The panel id of video wall.
videoWallPanelResolution		VideoResolution	The panel resolution of video wall.
videoWallPanelFrameRate		VideoFrameRate	The panel frame rate of video wall.
videoWallPanelRotation		PanelRotation	The panel rotation of video wall.
videoWallLeftPixels		Int	The left pixels of video wall.
videoWallRightPixels		Int	The right pixels of video wall.
videoWallTopPixels		Int	The top pixels of video wall.
videoWallBottomPixels		Int	The bottom pixels of video wall.

RistDestination

Field	Argument	Type	Description
id		ID!	

RistSource

Field	Argument	Type	Description
id		ID!	

Rs232

Rs232 infos.

Field	Argument	Type	Description
rs232State		Enable	The state of RS232.
rs232Speed		SerialSpeed	The serial speed of RS232.
rs232DataBits		SerialDataBits	The serial data bits of RS232.
rs232StopBits		SerialStopBits	The serial stop bits of RS232.
rs232FlowCtl		SerialFlowControl	The serial flow control of RS232.
rs232Parity		SerialParity	The serial parity of RS232.
rs232HexMode		Enable	The serial cmd hex mode of RS232.
rs232CustomerCmdName		[String!]	The serial customer cmd name of RS232.
rs232CustomerRawCmd		[String!]	The serial customer raw cmd of RS232.
rs232CustomerHexMode		[Enable!]	The serial customer hex mode of RS232.
rs232CustomerInst		[String!]	The serial customer inst of RS232.

SeamlessRtpSource

Field	Argument	Type	Description
id		ID!	

SecretTlsPayload

Payload response of operations on secret.

Field	Argument	Type	Description
errorType		<u>ErrorType!</u>	

SecurityManager

Field	Argument	Type	Description
countryName		<u>String</u>	The country name.
stateOrProvinceName		<u>String</u>	The state or province name.
localityName		<u>String</u>	The locality name.
organizationName		<u>String</u>	The organization name.
organizationUnitName		<u>String</u>	The organization unit name.
commonName		<u>String</u>	The common name.
emailAddress		<u>String</u>	The email address.
certificateSigningFileName		<u>String!</u>	Certificate signing request file name, readonly.
securityNewFileState		<u>String!</u>	Generate the certificate signing file success or fail, readonly.
generateCsrFailedReason		<u>String!</u>	Generate the certificate signing file fail reason, readonly.

Field	Argument	Type	Description
id		<u>ID!</u>	

SecurityManagerPayload

Payload response of operations on secret.

Field	Argument	Type	Description
securityManager		<u>SecurityManager</u>	
errorType		<u>ErrorType!</u>	

ServiceState

Service State.

Field	Argument	Type	Description
name		<u>String!</u>	name of this micro service.
ready		<u>Boolean!</u>	ready of this micro service.

SrtDestination

Field	Argument	Type	Description
id		<u>ID!</u>	

SrtSource

Field	Argument	Type	Description
id		<u>ID!</u>	

SshTunnel

Field	Argument	Type	Description
host		<u>String!</u>	SSH tunnel host url.
port		<u>Int!</u>	SSH tunnel port.
userName		<u>String!</u>	SSH tunnel user name.
remoteSourcePort		<u>Int!</u>	SSH remote source port.
privateKey		<u>String!</u>	private key string.
localDestinationHost		<u>String!</u>	SSH local destination host.
localDestinationPort		<u>Int!</u>	SSH local destination port.
id		<u>ID!</u>	
status		<u>SshTunnelStatus!</u>	SSH Tunnel Status.

SshTunnelConnection

Represents a Relay Connection to a collection of [**SshTunnel1**](#) objects.

Field	Argument	Type	Description
edges		<u>[SshTunnelEdge]!</u>	List of edges containing the nodes in this connection.
pageInfo		<u>PageInfo!</u>	Pagination data for this connection.

Field	Argument	Type	Description
nodes		[SshTunnel]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

SshTunnelEdge

A Relay edge to a related [SshTunnel](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		SshTunnel	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

SshTunnelPayload

Payload response of operations on an SSH Tunnel.

Field	Argument	Type	Description
sshTunnel		SshTunnel	
errorType		ErrorType!	

SshTunnelStatus

SSH tunnel status.

Field	Argument	Type	Description
connectionState		SshConnectionState!	SSH tunnel connection state.

SysDateTime

Date Time.

Field	Argument	Type	Description
timeOffset		<u>BigInt!</u>	
timeNow		<u>DateTime!</u>	Current date time.
updateMode		<u>UpdateMode!</u>	Update mode which can be manual or NTP.
ntpServer		<u>String!</u>	NTP server for getting date time.
timeZone		<u>TimeZone!</u>	The time zone of date time.

SysDateTimePayload

Payload response of operations on a system date time.

Field	Argument	Type	Description
sysDateTime		<u>SysDateTime</u>	System date time.
errorType		<u>ErrorType!</u>	Error type.

System

Field	Argument	Type	Description
id		<u>ID!</u>	
label		<u>String!</u>	Label of this System.
bandwidth		<u>BandwidthStat!</u>	Bandwidth statistics for the unit/system (all interfaces, all routes).

Field	Argument	Type	Description
	input	<u>BandwidthFilterInput</u>	
devices		<u>DeviceConnection</u>	A Relay Connection to a collection of Devices.
	before	<u>String</u>	Specifies a cursor for use in combination with last to implement backward pagination. See <u>pageInfo.startCursor</u> .
	after	<u>String</u>	Specifies a cursor for use in combination with first to implement forward pagination. See <u>pageInfo.endCursor</u> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most last edges before the before cursor.
dateTime		<u>SysDateTime!</u>	Date time of the system.
timeZones		<u>[TimeZone!]!</u>	Time Zones of the system.
startTime		<u>DateTime!</u>	Start time of the system.

SystemPayload

Payload response of operations on system.

Field	Argument	Type	Description
system		<u>System</u>	

Field	Argument	Type	Description
errorType		<u>ErrorType!</u>	

Tag

Field	Argument	Type	Description
id		<u>ID!</u>	
label		<u>String!</u>	User-defined name used to identify this object.
color		<u>String!</u>	The color of this tag.
hidden		<u>Boolean!</u>	No longer use.
createdBy		<u>String!</u>	The user who created the tag.
createdAt		<u>DateTime!</u>	The date when the tag was created.
useDeviceCount		<u>Int!</u>	Number of the device to connect to this tag.
useGroupCount		<u>Int!</u>	Number of the group to connect to this tag.

TagCache

Filter cache.

Field	Argument	Type	Description
id		<u>ID!</u>	Unique Identifier of this object.
color		<u>String!</u>	

TagConnection

Represents a Relay Connection to a collection of **Tag** objects.

Field	Argument	Type	Description
edges		[TagEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo !	Pagination data for this connection.
nodes		[Tag]!	List of nodes in this connection.
totalCount		Int !	Total count of nodes available.

TagEdge

A Relay edge to a related **Tag** object and a cursor for pagination.

Field	Argument	Type	Description
node		Tag	The related object at the end of the edge.
cursor		String !	A cursor for use in pagination.

TagPayload

Payload response of operations on a Tag.

Field	Argument	Type	Description
tag		Tag	The Tag object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.

Field	Argument	Type	Description
errorType		ErrorType!	The errors, if any, which occurred while performing the operation.

TemplateProfile

Field	Argument	Type	Description
name		String!	Template profile name.
id		ID!	

TemplateProfileConnection

Represents a Relay Connection to a collection of [TemplateProfile](#) objects.

Field	Argument	Type	Description
edges		[TemplateProfileEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[TemplateProfile]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

TemplateProfileEdge

A Relay edge to a related [TemplateProfile](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		TemplateProfile	The related object at the end of the edge.

Field	Argument	Type	Description
cursor		<u>String!</u>	A cursor for use in pagination.

TemplateProfilePayload

Payload response of operations on a TemplateProfile.

Field	Argument	Type	Description
profile		<u>TemplateProfile</u>	The TemplateProfile object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.
errorType		<u>ErrorType!</u>	The errors, if any, which occurred while performing the operation.

ThirdPartyInfo

Third party software information of this system.

Field	Argument	Type	Description
package		<u>String!</u>	Package name of the third party software.
version		<u>String!</u>	Version of the third party software.
website		<u>String!</u>	Website of the third party software.
licenseFile		<u>String!</u>	License file which describe the detail of the license.
copyrights		<u>String!</u>	Copyrights of the third party software.

Field	Argument	Type	Description
flavor		String!	Flavor of the license.

ThirdPartyInfoPayload

Payload response of operations on third party software information.

Field	Argument	Type	Description
entities		[ThirdPartyInfo!]	
errorType		ErrorType!	

TimeZone

Time Zone.

Field	Argument	Type	Description
name		String!	The name of the time zone or region.
gmtOffset		Int!	GMT offset in seconds.

UpdateStatus

Image updating status.

Field	Argument	Type	Description
code		Int	Indicates whether the update was successful.
message		String	Specific message indicating success or failure to update.

UpdateVersion

Update version info.

Field	Argument	Type	Description
currentVersion		<u>String</u>	Current version.
currentFilePath		<u>String</u>	Current file path.
uploadVersion		<u>String</u>	Upload version.
uploadFilePath		<u>String</u>	Upload file Path.
revertVersion		<u>String</u>	Revert version.
revertFilePath		<u>String</u>	Revert file Path.

User

User info.

Field	Argument	Type	Description
name		<u>ID!</u>	Unique Identifier of user.
password		<u>String</u>	User password.
email		<u>String</u>	User email.

UserAccount

user entity.

Field	Argument	Type	Description
name		<u>String</u> !	User account name

UserGroup

User group.

Field	Argument	Type	Description
id		<u>ID</u> !	Unique Identifier of user group.
permissions		[<u>String</u>]!	Group permission.
groupName		<u>String</u> !	Group name.

UserPayload

Payload response of operations on user.

Field	Argument	Type	Description
user		<u>User</u>	User info.
errorType		<u>ErrorType</u> !	Error type.

UserPermission

User permission.

Field	Argument	Type	Description
id		<u>ID!</u>	Unique Identifier of user permission.
permission		<u>String!</u>	User permission.

UserPreference

User Preference.

Field	Argument	Type	Description
userName		<u>String!</u>	
dashboard		<u>DashboardCache!</u>	
deviceList		<u>DeviceListCache!</u>	
avMatrix		<u>AvMatrixCache!</u>	

UserPreferencePayload

Payload response of operations on user preference.

Field	Argument	Type	Description
userPreference		<u>UserPreference</u>	
errorType		<u>ErrorType!</u>	

VideoStream

The device video infos.

Field	Argument	Type	Description
streamInterface		<u>NetworkConnector</u>	The stream interface of device.
streamDstIpAddress		<u>String</u>	The stream destination ip of device.

Field	Argument	Type	Description
streamDstPort		<u>Int</u>	The stream destination port of device.
streamState		<u>Enable</u>	The stream state of device.
streamLinkStatus		<u>Lock</u>	The stream link status of device.
streamInst		<u>String</u>	The stream instance of device.
streamId		<u>String</u>	The stream id of device.
streamSubscriptionId		<u>String</u>	The stream subscription id of device.
streamSubscriptionActive		<u>Boolean</u>	Whether the device corresponding to the subscription id is activated.
videoInputSelection		<u>InputSelectType</u>	The input selection of video.
videoStreamOutputState		<u>Enable</u>	The output state of video.
videoStreamCodec		<u>VideoCodec</u>	The codec of video.
videoStreamColorMode		<u>ColorMode</u>	The color mode of video.
videoStreamChromaFormat		<u>ChromaType</u>	The chroma format of video.
videoStreamColorDepth		<u>ColorDepth</u>	The color depth of video.

Field	Argument	Type	Description
videoStreamChromaFormatStatus		ChromaType	The output chroma format status of video.
videoStreamColorDepthStatus		ColorDepth	The output color depth status of video.
videoStreamBitRateMode		BitrateMode	The bitrate mode of video.
videoStreamBpp		VideoBpp	The bpp of video.
videoStreamHdcp		HdcpType	The hdcp type of video.
videoStreamResolution		DisplayType	The resolution of video.
videoStreamOutputFormatMode		OutputMode	The output format mode of video.
videoStreamOutputManualResolution		VideoResolution	The manual resolution of video.
videoStreamOutputManualFrameRate		VideoFrameRate	The manual frame rate of video.
videoStreamSwitchingMode		SwitchingMode	The switching mode of video.
videoStreamSwitchingDisplay		SwitchingDisplay	The switching display of video.
videoHdcpTransmitter		HdcpType	The hdcp transmitter of video.
videoHdcpPort		Int	The hdcp server port of video.

Field	Argument	Type	Description
videoInputHdcpIpAddress		String	The hdcp connection ip of video.
videoInputHdcpPort		Int	The hdcp connection port of video.
videoInterafece		String	The interface of video.
videoIpInput		String	The ip of video.
videoStreamBitrate		Int	The bitrate of video.
videoStreamAspectRatioMode		AspectRatioMode	The aspect ratio mode of video.
videoInputHdcpCap		HdcpRxCapability	The input hdcp capability of video.
videoCodecState		Enable	The codec state of video.
videoIpInputStreamType		IpStreamType	The codec type of input ip stream.
videoStreamInputChromaFormatStatus		ChromaType	The input chroma format status of video.
videoStreamInputColorDepthStatus		ColorDepth	The input color depth status of video.
videoInterface		String	The interface of video.

VideoWall

Field	Argument	Type	Description
id		<u>ID!</u>	
kind		<u>String!</u>	
label		<u>String!</u>	
videoWallMode		<u>Enable!</u>	
matrixSize		<u>MatrixSize!</u>	
devices		<u>DeviceVideoWallConnection</u>	A Relay Connection to a collection of <u>DeviceVideoWall</u> objects contained by this <u>VideoWall</u> .
	before	<u>String</u>	Specifies a cursor for use in combination with <u>last</u> to implement backward pagination. See <u>pageInfo.startCursor</u> .
	after	<u>String</u>	Specifies a cursor for use in combination with <u>first</u> to implement forward pagination. See <u>pageInfo.endCursor</u> .
	first	<u>Int</u>	A non-negative integer that specifies to return at most <u>first</u> edges after the <u>after</u> cursor.
	last	<u>Int</u>	A non-negative integer that specifies to return at most <u>last</u> edges before the <u>before</u> cursor.
resource		<u>Resource</u>	The <u>Resource</u> , if any, which contained by this <u>VideoWall</u> .
tags		<u>TagConnection</u>	A Relay Connection to a collection of <u>Tag</u> objects contained by this <u>VideoWall</u> .

Field	Argument	Type	Description
	before	String	Specifies a cursor for use in combination with last to implement backward pagination. See pageInfo.startCursor .
	after	String	Specifies a cursor for use in combination with first to implement forward pagination. See pageInfo.endCursor .
	first	Int	A non-negative integer that specifies to return at most first edges after the after cursor.
	last	Int	A non-negative integer that specifies to return at most last edges before the before cursor.

VideoWallConnection

Represents a Relay Connection to a collection of [VideoWall](#) objects.

Field	Argument	Type	Description
edges		[VideoWallEdge]!	List of edges containing the nodes in this connection.
pageInfo		PageInfo!	Pagination data for this connection.
nodes		[VideoWall]!	List of nodes in this connection.
totalCount		Int!	Total count of nodes available.

VideoWallEdge

A Relay edge to a related [VideoWall](#) object and a cursor for pagination.

Field	Argument	Type	Description
node		VideoWall	The related object at the end of the edge.
cursor		String!	A cursor for use in pagination.

VideoWallPayload

Payload response of operations on a Video wall.

Field	Argument	Type	Description
videoWall		VideoWall	The VideoWall object on which the operation was performed. May not be defined if errorType.code is not SUCCESS.
errorType		ErrorType!	The errors, if any, which occurred while performing the operation.

Vlan

VLAN Network Interface Data.

Field	Argument	Type	Description
tagId		Int!	VLAN Tag ID (1 - 4094). to do: define scalar for validation.
parentInterface		NetworkInterface!	The parent network interface of this VLAN network interface.

WidgetCache

User Preference.

Field	Argument	Type	Description
w		<u>Int!</u>	
h		<u>Int!</u>	
x		<u>Int!</u>	
y		<u>Int!</u>	
i		<u>String!</u>	
chartId		<u>String!</u>	

ZixiDestination

Field	Argument	Type	Description
id		<u>ID!</u>	

ZixiSource

Field	Argument	Type	Description
id		<u>ID!</u>	

Inputs

AlarmMessageFilter

Log message filter.

Field	Type	Description
alarmId	<u>[Int!]</u>	Filter by alarm event id
alarmIdMatchStr	<u>String</u>	alarmId matching string
timestamp	<u>[DateTime!]</u>	Filter by timestamp of the message produced.

Field	Type	Description
timestampMatchStr	<u>String</u>	timestamp matching string
transition	<u>[transition!]</u>	Filter by transition of the message.
locationId	<u>[ID!]</u>	Filter by location id.
message	<u>[String!]</u>	Filter by the message content.
messageMatchStr	<u>String</u>	message matching string
globalFuzzyMatch	<u>GlobalFuzzyMatch</u>	filter by global match str
parameterMatchStr	<u>String</u>	filter by parameter field
alarmIdExclude	<u>Boolean</u>	If this option is enabled, the filter does not contain the value of alarmId
timestampExclude	<u>Boolean</u>	If this option is enabled, the filter does not contain the value of timestamp
transitionExclude	<u>Boolean</u>	If this option is enabled, the filter does not contain the value of transition
locationIdExclude	<u>Boolean</u>	If this option is enabled, the filter does not contain the value of location

Field	Type	Description
messageExclude	Boolean	If this option is enabled, the filter does not contain the value of message

AlarmMessageOrder

Alarm message order way.

Field	Type	Description
timestamp	OrderDirection	Timestamp order way.
alarmId	OrderDirection	alarm id order way.
message	OrderDirection	message order way.
transition	OrderDirection	message order way.

AlarmSearchInput

Input data to search alarms.

Field	Type	Description
locationIds	[ID!]	The GraphQL Node IDs for the objects which produced the log.
orderBy	AlarmMessageOrder	Order results by the specified field and direction pairs.
filter	AlarmMessageFilter	Filter results that contain the corresponding fields.

Field	Type	Description
uniqueFilter	UniqueFilter	Filter results that contain the unique corresponding fields.

AnalogAudioInput

Input data to update the analog audio.

Field	Type	Description
analogAudioState	Enable	The state of analog audio.
analogAudioSourceSelection	InputAudioSource	The source selection of analog audio.
analogAudioVolume	Int	The volume of analog audio.
analogAudioMute	Enable	The mute of analog audio.
analogAudioDirection	AnalogAudioDirection	The direction of analog audio.

AudioStreamInput

Input data to update the audio stream.

Field	Type	Description
streamState	Enable	The stream state of device stream.
streamInterface	NetworkConnector	The stream interface of device.
streamDstIpAddress	String	The stream destination ip of device.

Field	Type	Description
streamDstPort	Int	The stream destination port of device.
audioInputSelection	InputAudioSource	The input selection of audio.
audioStreamBitDepth	AudioBitDepth	The bit depth of audio.
audioStreamSampleRate	AudioSampleRate	The sample rate of audio.
audioStreamVolume	Int	The volume of audio.
audioHdcpPort	Int	
audioInputHdcpIpAddress	String	
audioInputHdcpPort	Int	
audioStreamMute	Enable	The mute of audio.
audioCodecState	Enable	Compressed audio.
audioCodecMode	AudioModeAutoManual	
audioManualCodecType	AudioCodecType	
audioManualCodecProfile	AudioProfile	
audioManualCodecBitrate	AudioBitrate	
audioIpInputStreamType	IpStreamType	Input ip stream.

AvMatrixCacheInput

Input data to update av-matrix cache.

Field	Type	Description
filter	FilterCacheInput!	

BandwidthFilterInput

Input data to filter bandwidth.

Field	Type	Description
networkInterfaceIds	[ID!]!	networkInterfaceIds to filter network interfaces.

BezelInput

Input data for device video wall bezel.

Field	Type	Description
top	Int!	
bottom	Int!	
left	Int!	
right	Int!	

ConnectionInput

Connect CM by input info.

Field	Type	Description
publicKey	String!	Public key of the connected device
resourceInput	ConnectionResourceInput!	Information on connected devices
userAccountInput	UserAccountInput!	Account to which the client device is connected

ConnectionResourceInput

Input data to connect CM.

Field	Type	Description
label	String!	Resource label
deviceType	DeviceType!	Device type
ip	String!	IP address
uniqueIdentification	String!	Device unique identification CMP/交换机ac address. CSP/Other: Unit Serial Number

CreateAvMatrixLinkInput

Input data to create AV Matrix Link.

Field	Type	Description
senderIds	[ID!]!	
receiverIds	[ID!]!	

CreateAvMatrixSubLinkGroupInput

Input data to create AV Matrix Link Group.

Field	Type	Description
avMatrixLinkGroupInput	[CreateAvMatrixSubLinkInput!]!	

CreateAvMatrixSubLinkInput

Input data to create AV Matrix Link.

Field	Type	Description
senderId	<u>ID!</u>	
receiverId	<u>ID!</u>	
linkType	<u>AvMatrixLinkType!</u>	

CreateResourceGroupInput

Input data to create a ResourceGroup.

Field	Type	Description
label	<u>String!</u>	User-defined name used to identify this object.
createdBy	<u>String!</u>	The user who created the resource group.
hidden	<u>Boolean!</u>	No longer use.
resourceIds	<u>[ID!]</u>	Resource ids.
tagIds	<u>[ID!]</u>	Tag ids.

CreateResourceInput

Input data to add resource.

Field	Type	Description
ip	<u>String!</u>	IP address
networkInterface	<u>String!</u>	Choose which network interface to use to connect

Field	Type	Description
remotePort	<u>Int!</u>	Which port of the IP to access
httpProtocol	<u>HttpProtocol</u>	Protocol to use to connect
apiKey	<u>String!</u>	api key to access the resource

CreateTagInput

Input data to create a Tag.

Field	Type	Description
label	<u>String!</u>	User-defined name used to identify this object.
color	<u>String!</u>	The color of this tag.
hidden	<u>Boolean!</u>	No longer use.
createdBy	<u>String!</u>	The user who created the tag.
useDeviceCount	<u>Int</u>	Number of the device to connect to this tag.
useGroupCount	<u>Int</u>	Number of the group to connect to this tag.
resourceIds	<u>[ID!]</u>	IDs of the resource to connect to this tag.
groupIds	<u>[ID!]</u>	IDs of the group to connect to this tag.

CreateVideoWallInput

Input data to create a Video wall.

Field	Type	Description
label	String!	User-defined name used to identify this object.
isTemplate	Boolean	
videoWallMode	Enable	
matrixSize	MatrixSize	
sourceId	ID	
removeSource	Boolean	
tagIds	[ID!]	
devices	[DeviceVideoWallGeneralInput!]	User-defined name used to identify this object.

DanteAudioInput

Input data to update the dante audio.

Field	Type	Description
danteAudioOutputState	Enable	The state of dante audio.
danteAudioSourceSelect	InputAudioSource	The source selection of dante audio.
danteAudioStreamVolume	Int	The volume of dante audio.
danteAudioMute	Enable	The mute of dante audio.

DashboardCacheInput

Input data to update dashboard cache.

Field	Type	Description
widgets	[WidgetCacheInput!]	

DateTimeInput

Input data to set date time.

Field	Type	Description
timeNow	DateTime!	Current date time.
updateMode	UpdateMode!	Update mode which can be manual or NTP.
ntpServer	String!	NTP server for getting date time.
timeZone	String!	The time zone of date time.

DeleteAvMatrixSubLinkGroupInput

Input data to delete AV Matrix Link Group.

Field	Type	Description
avMatrixLinkGroupInput	[CreateAvMatrixSubLinkInput!]!	

DeviceInput

Input data to update the device.

Field	Type	Description
deviceType	DeviceType	The type of device.
deviceNmosName	String	The nmos name of device.

Field	Type	Description
deviceDnsServer	<u>String</u>	The dns server of device.
deviceTrafficFlowMode	<u>Boolean</u>	The traffic flow mode of device.
deviceControlNic	<u>NetworkConnector</u>	The control NIC of device.
deviceDanteName	<u>String</u>	The dante name of device.
deviceDanteNic	<u>NetworkConnector</u>	The dante NIC of device.
deviceUidCtl	<u>Enable</u>	Whether to enable uid Ctl.
deviceOutputCtl	<u>Enable</u>	Whether to enable output Ctl.
deviceTestModeCtl	<u>Enable</u>	Whether to enable test mode Ctl.
deviceReboot	<u>Boolean</u>	Whether to reboot device.
deviceUsbIpAddress	<u>String</u>	The usb ip of device.
deviceUsbIpCtl	<u>Enable</u>	Whether to enable usb ip Ctl.
deviceUsbNic	<u>NetworkConnector</u>	The usb NIC of device.
deviceSerialIpAddress	<u>String</u>	The usb ip of device.

Field	Type	Description
deviceSerialIpCtl	Enable	Whether to enable usb ip Ctl.
deviceSerialNic	NetworkConnector	The usb NIC of device.
deviceRemoteUpgradeFtpPath	String	The remote upgrade ftp path of device.
deviceRemoteApplyProfile	String	The remote apply profile of device.
deviceTemporaryProfile	String	The temporary profile name of device.
deviceRemoteEdidFtpPath	String	The remote edid ftp path of device.
devicePassword	String	The password of device.
deviceFactoryReset	Enable	Whether to reset device.
deviceEdidApply	String	The edid apply of device.
deviceIgmpVersion	IgmpVersion	The igmp version of device.

DeviceLanInput

Input data to update the device network.

Field	Type	Description
lanInterfaceName	String	The interface name of the LAN.

Field	Type	Description
lanInterfaceMode	NetworkMode	The interface mode of the LAN.
lanInterfaceIpAddress	String	The interface ip of the LAN.
lanInterfaceSubnetMask	String	The interface subnetmask of the LAN.
lanInterfaceGateway	String	The interface gateway of the LAN.

DeviceListCacheInput

Input data to update device list cache.

Field	Type	Description
filter	FilterCacheInput	
columns	[String!]	

DeviceNetworkInput

Input data to update the device network.

Field	Type	Description
networkInterfaceName	String	The interface name of network.
networkInterfaceMode	NetworkMode	The interface mode of network.
networkInterfaceIpAddress	String	The interface ip of network.
networkInterfaceSubnetMask	String	The interface subnetmask of network.

Field	Type	Description
networkInterfaceGateway	<u>String</u>	The interface gateway of network.
networkInterfaceInst	<u>String</u> !	The interface instance of network.

DeviceStreamInput

Input data to update the device stream.

Field	Type	Description
streamState	<u>Enable</u>	The stream state of device stream.
streamInterface	<u>NetworkConnector</u>	The stream interface of device.
streamDstIpAddress	<u>String</u>	The stream destination ip of device.
streamDstPort	<u>Int</u>	The stream destination port of device.

DeviceUpdateInput

Input data to update device.

Field	Type	Description
primary	<u>String</u>	Primary name server.
secondary	<u>String</u>	Secondary name server.
id	<u>ID</u> !	Unique Identifier of this object.

Field	Type	Description
label	String	User-defined name used to identify this object.
hostname	String	Hostname of this Device.
serialNumber	String	Serial number of this Device.
defaultGatewayInterfaceId	ID	Network interface to which default gateway bind.

DeviceVideoWallGeneralInput

Input data to create a Video wall.

Field	Type	Description
panelId	PanelId	
output	DeviceVideoWallOutputInput	
bezel	BezelInput	
resourceId	ID!	
sourceId	ID	
removeSource	Boolean	
data	Boolean	If data is (true), this device will have the data link. If data is (false), this device will (not) have the data link.

DeviceVideoWallOutputInput

Input data for device video wall output.

Field	Type	Description
resolution	VideoResolution!	
frameRate	VideoFrameRate!	

Field	Type	Description
rotation	PanelRotation!	

DhcpServerUpdateInput

Input data to update DHCP server.

Field	Type	Description
interfaceId	ID!	The interface of DHCP server.
state	Boolean!	The state of DHCP server. true : enable false: disable
id	ID!	Unique Identifier of the object to update.

ExecuteUpdateInput

Input data to execute update.

Field	Type	Description
serviceName	String!	The service name of the image which will be updated.
namespace	String!	The namespace of the image which will be updated.
updateToVersion	String!	The version which the image will be updated to.

FilterCacheInput

Input data to update filter cache.

Field	Type	Description
filterGroup	String	
filterDevice	FilterDevice	
searchKey	String	
order	OrderDirection	
tags	[TagCacheInput!]	

FilterDeviceInput

Filter devices by the device type in the file.

Field	Type	Description
fileType	FileType!	File type. Different file types have different parsing methods.
fileName	String!	The file name to be parsed

GlobalFuzzyMatch

global fuzzy match.

Field	Type	Description
matchStr	String!	filter by global match str
matchLocationId	[ID!]	filter by id

HdmiInput

Input data to update the HDMI.

Field	Type	Description
hdmiOutputState	Enable	The output state of HDMI.
hdmiCecStandardCommand	CecControl	The CEC standard command of HDMI.
hdmiCecCustomCommand	String	The CEC custom command of HDMI.
hdmiEdidMode	EdidMode	The edid mode of HDMI.
hdmiHdrPassThrough	Enable	Whether HDR passthrough is enabled on HDMI.
hdmiOutputTransmitter	HdcpType	The output transmitter of HDMI.
hdmiOutputSwitching	HdmiOutputDisplayMode	The output switching mode of HDMI.
hdmiOutputTimeout	Int	The output timeout period of HDMI.
hdmiMonitTransmitter	HdcpType	The monit transmitter of HDMI.
hdmiVolume	Int	The volume of HDMI.
hdmiAudioMute	Enable	The output audio mute of HDMI.

LicenseApplyInput

Input data to apply a License.

Field	Type	Description
licenseKey	<u>String!</u>	License key string which is provided by sencore for this product.

LogCreateInput

Input data to create a log.

Field	Type	Description
logType	<u>LogType</u>	The type of the log message. Suppose to use ALARM, useless for other type.
severity	<u>Severity</u>	The severity of the log message.
transition	<u>transition</u>	The transition of the log message to indicate the alarm appear or disappear.
locationType	<u>String</u>	The GraphQL type name associated with the feature which produced the log.
locationLabel	<u>String</u>	The location label which is corresponding to the locationId.
deviceLabel	<u>String</u>	The device label which is corresponding to the route source or destination.
locationId	<u>ID</u>	The GraphQL Node ID for the object which produced the log.
message	<u>String!</u>	The log message content.
parameter	<u>String</u>	The log message parameter in json format.

LogDismissInput

Input data to dismiss log.

Field	Type	Description
logType	LogType	The type of the log message. Suppose to use ALARM, useless for other type.
severity	Severity	The severity of the log message.
transition	transition	The transition of the log message to indicate the alarm appear or disappear.
locationType	String	The GraphQL type name associated with the feature which produced the log.
locationLabel	String	The location label which is corresponding to the locationId.
deviceLabel	String	The device label which is corresponding to the route source or destination.
locationId	ID	The GraphQL Node ID for the object which produced the log.
ids	[ID!]	Array identifier of the log message.

LogMessageFilter

Log message filter.

Field	Type	Description
alarmId	[Int!]	Filter by alarm event id
alarmIdMatchStr	String	alarmId matching string

Field	Type	Description
timestamp	[DateTime!]	Filter by timestamp of the message produced.
timestampMatchStr	String	timestamp matching string
transition	[transition!]	Filter by transition of the message.
locationId	[ID!]	Filter by location id.
message	[String!]	Filter by the message content.
messageMatchStr	String	message matching string
globalFuzzyMatch	GlobalFuzzyMatch	filter by global match str
parameterMatchStr	String	filter by parameter field
alarmIdExclude	Boolean	If this option is enabled, the filter does not contain the value of the corresponding attribute
timestampExclude	Boolean	Filter by timestamp of the message produced.
transitionExclude	Boolean	Filter by transition of the message.
locationIdExclude	Boolean	Filter by location id.

Field	Type	Description
messageExclude	Boolean	Filter by the message content.
resourceLocationExclude	Boolean	Filter by the resource location.

LogMessageOrder

Log message order way.

Field	Type	Description
timestamp	OrderDirection	Timestamp order way.
alarmId	OrderDirection	alarm id order way.
message	OrderDirection	message order way.
transition	OrderDirection	message order way.

LogSearchInput

Input data to search log info.

Field	Type	Description
logType	LogType	The type of the log message. Suppose to use ALARM, useless for other type.
severity	Severity	The severity of the log message.

Field	Type	Description
transition	<u>transition</u>	The transition of the log message to indicate the alarm appear or disappear.
locationType	<u>String</u>	The GraphQL type name associated with the feature which produced the log.
locationLabel	<u>String</u>	The location label which is corresponding to the locationId.
deviceLabel	<u>String</u>	The device label which is corresponding to the route source or destination.
locationId	<u>ID</u>	The GraphQL Node ID for the object which produced the log.
id	<u>ID</u>	Unique identifier of this log message.
message	<u>String</u>	The log message content.
dismissed	<u>Boolean</u>	False to include only non-dismissed messages (i.e. notifications). True to include only dismissed messages.
endTime	<u>DateTime</u>	The end time of the query log.
orderBy	<u>[LogMessageOrder!]</u>	Order results by the specified field and direction pairs.
filter	<u>LogMessageFilter</u>	Filter results that contain the corresponding fields.
uniqueFilter	<u>UniqueFilter</u>	Filter results that contain the unique corresponding fields.

NetworkInterfaceUpdateInput

Field	Type	Description
mode	NetworkInterfaceAddressMode	Mode of assigning a Network Interface address.
address	String	IPv4 or IPv6 address.
prefixLength	Int	The length of the subnet prefix. to do: define NonNegativeInt scalar.
label	String	Network interface label.
gateway	String	Gateway of data flow carried by this network interface.
id	ID!	Unique Identifier of network interface to update.
primary	String	Primary name server.
secondary	String	Secondary name server.

NetworkServiceLinkInput

Link-specific settings for a Network Service.

Field	Type	Description
networkInterfaceId	ID!	ID of the Network Interface to which this network service is bound.
state	State!	The service state

NetworkServiceUpdateInput

Input data to update a Network Service.

Field	Type	Description
id	<u>ID!</u>	Unique Identifier of the object to update.
state	<u>State!</u>	Network service state.
links	<u>[NetworkServiceLinkInput!]!</u>	Network service link.

NetworkVlanInterfaceCreateInput

Field	Type	Description
address	<u>String!</u>	IPv4 or IPv6 address.
prefixLength	<u>Int!</u>	The length of the subnet prefix. to do: define NonNegativeInt scalar.
label	<u>String!</u>	Network interface label.
gateway	<u>String!</u>	Gateway of data flow carried by this network interface.
tagId	<u>Int!</u>	VLAN number.
networkInterfaceId	<u>ID!</u>	Network interface on which VLAN created.

NetworkVlanInterfaceUpdateInput

Field	Type	Description
address	<u>String</u>	IPv4 or IPv6 address.
prefixLength	<u>Int</u>	The length of the subnet prefix. to do: define NonNegativeInt scalar.
label	<u>String</u>	Network interface label.
gateway	<u>String</u>	Gateway of data flow carried by this network interface.
tagId	<u>Int</u>	VLAN number.
networkInterfaceId	<u>ID</u>	Network interface on which VLAN created.
id	<u>ID!</u>	Unique Identifier of network vlan interface to update.

PeerToPeerResourceConnectInput

Input data to create a Tag.

Field	Type	Description
deviceId	<u>ID!</u>	Unique Identifier of the object that need to be connected.
peerId	<u>ID!</u>	Unique Identifier of the object that need to connected.

ProfileDownloadInput

provide to download profile.

Field	Type	Description
id	ID!	Unique Identifier of this object.
deviceSlots	[Int!]	Indicate the device slots.

ResourceGroupingFilterInput

Input data to filter ResourceGrouping.

Field	Type	Description
label	String	Label to filter resources and groups.
deviceVersions	[String!]	The versions of device.
deviceFirmwareVersions	[String!]	The firmware versions of device.
deviceHardVersions	[String!]	The hard versions of device.
deviceSubTypes	[String!]	The sub types of device.
deviceBoardNames	[String!]	The board names of device.
deviceTagIds	[ID!]	The tag ids of device.
scheduleStatus	[ScheduleStatus!]	The schedule status.
scheduleTime	[DateTime!]	The schedule time.

Field	Type	Description
cmpBoardTypes	[Int!]	The board types of cmp.
tagIds	[ID!]	Multiple tags to filter resources and groups.
groupId	ID	Group ID to filter resources.
deviceManage	Boolean	Whether to filter out the devices in the device list
filterDeviceInput	FilterDeviceInput	
deviceNmosIpAddresses	[String!]	ip of device.
alarmQuantities	[Int!]	alarm quantity of device.

ResourceGroupingOrderInput

Input data to sort ResourceGrouping.

Field	Type	Description
label	OrderDirection	Order by the label field.
deviceVersion	OrderDirection	Order by version of device.
deviceFirmwareVersion	OrderDirection	Order by firmware version of device.
deviceHardVersion	OrderDirection	Order by hard version of device.

Field	Type	Description
deviceSubType	OrderDirection	Order by sub type of device.
deviceBoardName	OrderDirection	Order by board name of device.
scheduleTime	OrderDirection	Order by schedule time.
deviceTagIds	OrderDirection	Order by tag ids of device.
deviceNmosIpAddress	OrderDirection	Order by remote device ip
alarmQuantity	OrderDirection	Order by remote device alarm quantity
tagIds	OrderDirection	Multiple tags to sort resources.

ResourceRemoteEdidInput

Input data to upload the edid.

Field	Type	Description
ids	[ID!]!	User-defined name used to identify this object.
edidName	String!	The name of edid.

ResourceRemoteProfileInput

Input data to apply profile for remote devices.

Field	Type	Description
ids	[ID!]!	User-defined name used to identify this object.
profileName	String!	The profile name.
slotNumbers	[[Int!]!]	If the device has sub-devices, you can use this parameter to select them, but it should correspond one-to-one to IDS
scheduleTime	DateTime	The time to exec

ResourceRemoteUpgradeInput

Input data to upgrade the remote devices.

Field	Type	Description
ids	[ID!]!	User-defined name used to identify this object.
scheduleTime	Int	The schedule time.
fileName	String	Upgrade file name.
resourcesSlots	[[Int!]!]	If the device has sub-devices, you can use this parameter to select them, but it should correspond one-to-one to IDS
upgradeTime	DateTime	The time to exec

Rs232Input

Input data to update the rs232.

Field	Type	Description
rs232State	Enable	The state of RS232.
rs232Speed	SerialSpeed	The serial speed of RS232.
rs232DataBits	SerialDataBits	The serial data bits of RS232.
rs232StopBits	SerialStopBits	The serial stop bits of RS232.
rs232FlowCtl	SerialFlowControl	The serial flow control of RS232.
rs232Parity	SerialParity	The serial parity of RS232.
rs232HexMode	Enable	The serial cmd hex mode of RS232.
rs232RawCmd	String	The serial raw cmd of RS232.
rs232CtrlCmd	String	The serial control cmd of RS232.
rs232CustomerRowStatus	RowStatus	The serial customer row status of RS232.
rs232CustomerCmdName	String	The serial customer cmd name of RS232.
rs232CustomerRawCmd	String	The serial customer raw cmd of RS232.
rs232CustomerHexMode	Enable	The serial customer hex mode of RS232.

Field	Type	Description
rs232CustomerInst	<u>String</u>	The serial customer inst of RS232.

ScheduleTaskInput

Input data to select schedule task

Field	Type	Description
slotNumber	<u>Int!</u>	Slot number of the device
type	<u>ScheduleType!</u>	Scheduled task type
updateScheduleTime	<u>DateTime</u>	If this value is not set, the scheduled task is deleted by default If this value is set, the execution time of the scheduled task is updated
deleteStatus	<u>Boolean</u>	Control whether to delete the task status

SecurityManagerUpdateInput

Input data to update an security manager.

Field	Type	Description
countryName	<u>String</u>	The country name.
stateOrProvinceName	<u>String</u>	The state or province name.
localityName	<u>String</u>	The locality name.

Field	Type	Description
organizationName	<u>String</u>	The organization name.
organizationUnitName	<u>String</u>	The organization unit name.
commonName	<u>String</u>	The common name.
emailAddress	<u>String</u>	The email address.
id	<u>ID!</u>	Unique Identifier of the object to update.

SshTunnelCreateInput

Input data to create an SSH tunnel.

Field	Type	Description
host	<u>String</u>	SSH tunnel host url.
port	<u>Int</u>	SSH tunnel port.
userName	<u>String</u>	SSH tunnel user name.
remoteSourcePort	<u>Int</u>	SSH remote source port.
privateKey	<u>String</u>	private key string.
localDestinationHost	<u>String</u>	SSH local destination host.

Field	Type	Description
localDestinationPort	<u>Int</u>	SSH local destination port.

SshTunnelUpdateInput

Input data to update an SSH tunnel.

Field	Type	Description
host	<u>String</u>	SSH tunnel host url.
port	<u>Int</u>	SSH tunnel port.
userName	<u>String</u>	SSH tunnel user name.
remoteSourcePort	<u>Int</u>	SSH remote source port.
privateKey	<u>String</u>	private key string.
localDestinationHost	<u>String</u>	SSH local destination host.
localDestinationPort	<u>Int</u>	SSH local destination port.
id	<u>ID!</u>	Unique Identifier of the object to update.

SystemUpdateInput

Input data to update system.

Field	Type	Description
label	<u>String</u> !	Label of this System.

TagCacheInput

Input data to update tag cache.

Field	Type	Description
id	<u>ID</u> !	
color	<u>String</u> !	

TemplateProfileCreateInput

Input data to create a template profile.

Field	Type	Description
name	<u>String</u> !	Template profile name.

TemplateProfileUpdateInput

Input data to update a template profile.

Field	Type	Description
name	<u>String</u>	Template profile name.
id	<u>ID</u> !	Unique Identifier of the object to update.

UniqueFilter

Filter message with unique field.

Field	Type	Description
column	<u>String!</u>	Select query column
matchStr	<u>String</u>	Matching string

UpdateDeviceInput

Input data to update the device activation page.

Field	Type	Description
label	<u>String</u>	User-defined name used to identify this object.
groupId	<u>ID</u>	Group id.
tagIds	<u>[ID!]</u>	Tag ids.
outputDeviceType	<u>OutputDeviceType</u>	The output device type.
networks	<u>[DeviceNetworkInput!]</u>	Network settings.
lan	<u>DeviceLanInput</u>	The lan of device.
basicSetting	<u>DeviceInput</u>	Basic settings.
videoStream	<u>VideoStreamInput</u>	IP input settings.
secondaryVideoStream	<u>VideoStreamInput</u>	

Field	Type	Description
audioStream	AudioStreamInput	Audio settings.
secondaryAudioStream	AudioStreamInput	
dataStream	DeviceStreamInput	Data settings.
secondaryDataStream	DeviceStreamInput	
hdmi	HdmiInput	HDMI input.
videoWall	VideoWallInput	Video wall.
rs232	Rs232Input	RS232 input.
dante	DanteAudioInput	Dante audio input.
analog	AnalogAudioInput	Analog audio input.
mainStreamLinkMode	AvLinkMode	main(JXS) stream link mode.
subStreamLinkMode	AvLinkMode	sub(H26X) stream link mode.
id	ID!	Unique Identifier of the object to update.

UpdateDeviceListInput

Input data to update the device activation page.

Field	Type	Description
label	<u>String</u>	User-defined name used to identify this object.
groupId	<u>ID</u>	Group id.
tagIds	<u>[ID!]</u>	Tag ids.
outputDeviceType	<u>OutputDeviceType</u>	The output device type.
networks	<u>[DeviceNetworkInput!]</u>	Network settings.
lan	<u>DeviceLanInput</u>	The lan of device.
basicSetting	<u>DeviceInput</u>	Basic settings.
videoStream	<u>VideoStreamInput</u>	IP input settings.
secondaryVideoStream	<u>VideoStreamInput</u>	
audioStream	<u>AudioStreamInput</u>	Audio settings.
secondaryAudioStream	<u>AudioStreamInput</u>	
dataStream	<u>DeviceStreamInput</u>	Data settings.
secondaryDataStream	<u>DeviceStreamInput</u>	
hdmi	<u>HdmiInput</u>	HDMI input.
videoWall	<u>VideoWallInput</u>	Video wall.

Field	Type	Description
rs232	Rs232Input	RS232 input.
dante	DanteAudioInput	Dante audio input.
analog	AnalogAudioInput	Analog audio input.
mainStreamLinkMode	AvLinkMode	main(JXS) stream link mode.
subStreamLinkMode	AvLinkMode	sub(H26X) stream link mode.
ids	[ID!]!	Unique Identifier of the object to update.

UpdateDeviceVideoWallInput

Input data to create a Video wall.

Field	Type	Description
panelId	PanelId	
output	DeviceVideoWallOutputInput	
bezel	BezelInput	
resourceId	ID!	
sourceId	ID	
removeSource	Boolean	
data	Boolean	If data is (true), this device will have the data link. If data is (false), this device will (not) have the data link.
id	ID	Unique Identifier of the object to update.

UpdateDevicesInput

Input data to update the device activation page.

Field	Type	Description
devices	[UpdateDeviceInput!]!	Devices that needs to be updated.

UpdateResourceDeviceInput

Input tagIds to update a Resource device.

Field	Type	Description
deviceSlot	Int!	Slot number of device (board).
tagIds	[ID!]!	TagIds for device (board).

UpdateResourceGroupInput

Input data to update a ResourceGroup.

Field	Type	Description
label	String	User-defined name used to identify this object.
createdBy	String	The user who created the resource group.
hidden	Boolean	No longer use.
resourceIds	[ID!]	Resource ids.

Field	Type	Description
tagIds	[ID!]	Tag ids.
id	ID!	Unique Identifier of the object to update.

UpdateResourceInput

Input data to update a Resource.

Field	Type	Description
label	String	User-defined name used to identify this object.
id	ID!	Unique Identifier of the object to update.
devices	[UpdateResourceDeviceInput!]	Devices.
groupId	ID	Group id.
tagIds	[ID!]	Tag ids.
outputDeviceType	OutputDeviceType	Output device type.
scheduleTaskInput	ScheduleTaskInput	Schedule task input.
moveToDefault	Boolean	Whether to move to the default group.
mainStreamLinkMode	AvLinkMode	main(JXS) stream link mode.

Field	Type	Description
subStreamLinkMode	AvLinkMode	sub(H26X) stream link mode.

UpdateResourceManageStatusInput

Input data to update the device manage status.

Field	Type	Description
ids	[ID!]!	Unique Identifier of the object to update.
deviceManage	Boolean!	resource manage status

UpdateTagInput

Input data to update a Tag.

Field	Type	Description
label	String	User-defined name used to identify this object.
color	String	The color of this tag.
hidden	Boolean	No longer use.
createdBy	String	The user who created the tag.
useDeviceCount	Int	Number of the device to connect to this tag.
useGroupCount	Int	Number of the group to connect to this tag.

Field	Type	Description
resourceIds	[ID!]	IDs of the resource to connect to this tag.
groupIds	[ID!]	IDs of the group to connect to this tag.
id	ID!	Unique Identifier of the object to update.

UpdateUserPreferenceInput

Input data to update a user preference.

Field	Type	Description
userName	String!	
dashboard	DashboardCacheInput	
deviceList	DeviceListCacheInput	
avMatrix	AvMatrixCacheInput	

UpdateVideoWallInput

Input data to update a Video wall.

Field	Type	Description
label	String	User-defined name used to identify this object.
isTemplate	Boolean	
videoWallMode	Enable	
matrixSize	MatrixSize	
sourceId	ID	
removeSource	Boolean	
tagIds	[ID!]	

Field	Type	Description
id	ID!	Unique Identifier of the object to update.
devices	[UpdateDeviceVideoWallInput!]	

UserAccountInput

User account info.

Field	Type	Description
name	String!	User account name
password	String!	User password

VideoStreamInput

Input data to update the video stream.

Field	Type	Description
streamState	Enable	The stream state of device stream.
streamInterface	NetworkConnector	The stream interface of device.
streamDstIpAddress	String	The stream destination ip of device.
streamDstPort	Int	The stream destination port of device.
videoInputSelection	InputSelectType	The input selection of video.

Field	Type	Description
videoStreamOutputState	Enable	The output state of video.
videoStreamCodec	VideoCodec	The codec of video.
videoStreamColorMode	ColorMode	The color mode of video.
videoStreamChromaFormat	ChromaType	The chroma format of video.
videoStreamColorDepth	ColorDepth	The color depth of video.
videoStreamBitRateMode	BitrateMode	The bitrate mode of video.
videoStreamBpp	VideoBpp	The bpp of video.
videoStreamOutputFormatMode	OutputMode	The output format mode of video.
videoStreamOutputManualResolution	VideoResolution	The manual resolution of video.
videoStreamOutputManualFrameRate	VideoFrameRate	The manual frame rate of video.
videoStreamSwitchingMode	SwitchingMode	The switching mode of video.
videoStreamSwitchingDisplay	SwitchingDisplay	The switching display of video.
videoHdcpTransmitter	HdcpType	The hdcp transmitter of video.

Field	Type	Description
videoHdcpPort	Int	The hdcp server port of video.
videoInputHdcpIpAddress	String	The hdcp connection ip of video.
videoInputHdcpPort	Int	The hdcp connection port of video.
videoStreamBitrate	Int	The bitrate of video.
videoStreamAspectRatioMode	AspectRatioMode	The aspect ratio mode of video.
videoInputHdcpCap	HdcpRxCapability	The input hdcp capability of video.
videoCodecState	Enable	The codec state of video.
videoIpInputStreamType	IpStreamType	The codec type of input ip stream.

VideoWallInput

Input data to update the video wall.

Field	Type	Description
videoWallMode	Enable	The mode of video wall.
videoWallMatrixSize	MatrixSize	The matrix size of video wall.
videoWallPanelId	PanelId	The panel id of video wall.

Field	Type	Description
videoWallPanelResolution	VideoResolution	The panel resolution of video wall.
videoWallPanelFrameRate	VideoFrameRate	The panel frame rate of video wall.
videoWallPanelRotation	PanelRotation	The panel rotation of video wall.
videoWallLeftPixels	Int	The left pixels of video wall.
videoWallRightPixels	Int	The right pixels of video wall.
videoWallTopPixels	Int	The top pixels of video wall.
videoWallBottomPixels	Int	The bottom pixels of video wall.
videoWallCropX	Int	The crop X of video wall.
videoWallCropY	Int	The crop Y of video wall.
videoWallCropWidth	Int	The crop width of video wall.
videoWallCropHeight	Int	The crop height of video wall.

WidgetCacheInput

Input data to update widget cache.

Field	Type	Description
w	<u>Int!</u>	
h	<u>Int!</u>	
x	<u>Int!</u>	
y	<u>Int!</u>	
i	<u>String</u>	
chartId	<u>String!</u>	

Enums

AnalogAudioDirection

Analog Audio Direction.

Value	Description
UNKNOWN	Unknown.
INPUT	Analog Audio input.
OUTPUT	Analog Audio output.

AspectRatioMode

Video AspectRatioMode.

Value	Description
UNKNOWN	unknown.
MAINTAIN	Maintain.

Value	Description
STRETCH	Stretch.

AudioBitDepth

Audio bit depth.

Value	Description
UNKNOWN	Unknown.
BIT_DEPTH_16	Bit depth 16.
BIT_DEPTH_20	Bit depth 20.
BIT_DEPTH_24	Bit depth 24.

AudioBitrate

Audio bitrate.

Value	Description
AUDIO_BITRATE_UNKNOWN	Unknown.
AUDIO_BITRATE_16K	Audio Bitrate 16k.
AUDIO_BITRATE_20K	Audio Bitrate 20k.
AUDIO_BITRATE_32K	Audio Bitrate 32k.

Value	Description
AUDIO_BITRATE_48K	Audio Bitrate 48k.
AUDIO_BITRATE_56K	Audio Bitrate 56k.
AUDIO_BITRATE_64K	Audio Bitrate 64k.
AUDIO_BITRATE_80K	Audio Bitrate 80k.
AUDIO_BITRATE_96K	Audio Bitrate 96k.
AUDIO_BITRATE_112K	Audio Bitrate 112k.
AUDIO_BITRATE_128K	Audio Bitrate 128k.
AUDIO_BITRATE_160K	Audio Bitrate 160k.
AUDIO_BITRATE_192K	Audio Bitrate 192k.
AUDIO_BITRATE_224K	Audio Bitrate 224k.
AUDIO_BITRATE_256K	Audio Bitrate 256k.
AUDIO_BITRATE_320K	Audio Bitrate 320k.
AUDIO_BITRATE_384K	Audio Bitrate 384k.

Value	Description
AUDIO_BITRATE_448K	Audio Bitrate 448k.

AudioCodecType

Audio Codec Type.

Value	Description
AUDIO_CODEC_TYPE_UNKNOWN	Unknown.
AUDIO_CODEC_TYPE_PASSTHROUGH	Passthrough.
AUDIO_CODEC_TYPE_AAC	AAC.

AudioModeAutoManual

Audio codec mode.

Value	Description
AUDIO_MODE_UNKNOWN	Unknown.
AUDIO_MODE_AUTO	Auto mode.
AUDIO_MODE_MANUAL	Manual mode.

AudioProfile

Audio Profile.

Value	Description
AUDIO_PROFILE_UNKNOWN	Unknown.
AUDIO_PROFILE_AAC_MAIN	AAC-Main.
AUDIO_PROFILE_AAC_LC	AAC-LC.
AUDIO_PROFILE_HE_AAC_V1	HE-AAC-V1.
AUDIO_PROFILE_HE_AAC_V2	HE-AAC-V2.

AudioSampleRate

Audio sample rate.

Value	Description
UNKNOWN	Unknown.
SAMPLE_RATE_32000	32000.
SAMPLE_RATE_44100	44100.
SAMPLE_RATE_48000	48000.
SAMPLE_RATE_88200	88200.
SAMPLE_RATE_96000	96000.

Value	Description
SAMPLE_RATE_176400	176400.
SAMPLE_RATE_192000	192000.

AudioSourceType

Audio source type.

Value	Description
UNKNOWN	Unknown.
NONE	None.
RAW	RAW audio.
PCM	PCM audio.
RAW_HBR	RAW audio.
PCM_MULTI	PCM audio.

AvLinkMode

Av Link Mode.

Value	Description
LINK_SEPARATE	Link audio and video separately.

Value	Description
LINK_BOTH	Link both main audio and video.

AvMatrixLinkType

Type of av matrix sub link.

Value	Description
LINK_MAIN_VIDEO	Main video link.
LINK_SUB_VIDEO	Sub video link.
LINK_AUDIO	Audio link.
LINK_SUB_AUDIO	Sub audio link.
LINK_USB	Usb link.
LINK_RS232	Rs232 link.
LINK_IR	Ir link.
LINK_CEC	Cec link.

BitrateMode

Bitrate mode.

Value	Description
UNKNOWN	Unknown.
ECONOMY	Economy mode.
BALANCED	Balanced mode.
HIGH_QUALITY	High quality mode.
MANUALLY	Manually mode.
AUTO	Auto mode.

CecControl

Cec control.

Value	Description
UNKNOWN	Unknown.
POWER_ON	Power on TV.
POWER_OFF	Power off TV.
AUDIO_MUTE	Mute audio.
AUDIO_UNMUTE	Unmute audio.

ChromaType

Chroma type.

Value	Description
UNKNOWN	Unknown.
RGB	RGB.
YUV420	YUV420.
YUV422	YUV422.
YUV444	YUV444.

ColorDepth

Color depth.

Value	Description
UNKNOWN	Unknown.
COLOR_DEPTH_8	Color depth 8.
COLOR_DEPTH_10	Color depth 10.
COLOR_DEPTH_12	Color depth 12.

ColorMode

Video color mode.

Value	Description
UNKNOWN	Unknown.
AUTO	Auto mode.
MANUAL	Manual mode.

DeviceType

Device type.

Value	Description
UNKNOWN	Unknown.
DECODER	Decoder.
ENCODER	Encoder.
GATEWAY	Gateway.
IPMX_IN	
IPMX_OUT	
CMP100	Cmp100.
CMP200	Cmp200.

Value	Description
CMP201CE	Cmp201ce.
CMP201	Cmp201.
CMP201DP	Cmp201dp.
CMP203	Cmp203.
CMP300	Cmp300.
CMP330_96	Cmp33096.
CMP30XD	Cmp30xd.
SMP200	Smp200.
CMP301	Cmp301.
CMP301D	Cmp301d.
IMPULSE300D	Impulse300D.
OMP150	OMP150.
OMNIHUB_PLAY	Omnihub Play.

Value	Description
IPTV	IPTV.
MINI_DECODER	Mini Decoder.
MINI_ENCODER	Mini Encoder.
MRD7000	MRD7000.
SCP2100	SCP2100.
IMPULSE300E	IMPULSE300E.

DiagnosticExportResult

Diagnostic Export Result.

Value	Description
SUCCESS	Success.
FAILURE	Failure.
WAIT_AND_RETRY	Waiting and try it again later.

DisplayType

Display type.

Value	Description
DISPLAY_TYPE_UNKNOWN	unknown.
DISPLAY_TYPE_640X480P_5000	640X480P_5000.
DISPLAY_TYPE_640X480P_5994	640X480P_5994.
DISPLAY_TYPE_640X480P_6000	640X480P_6000.
DISPLAY_TYPE_720X480I_2997	720X480I_2997.
DISPLAY_TYPE_720X480I_3000	720X480I_3000.
DISPLAY_TYPE_720X480P_2997	720X480P_2997.
DISPLAY_TYPE_720X480P_3000	720X480P_3000.
DISPLAY_TYPE_720X480P_5994	720X480P_5994.
DISPLAY_TYPE_720X480P_6000	720X480P_6000.
DISPLAY_TYPE_720X576I_2500	720X576I_2500.
DISPLAY_TYPE_720X576P_5000	720X576P_5000.
DISPLAY_TYPE_800X600P_5994	800X600P_5994.

Value	Description
DISPLAY_TYPE_800X600P_6000	800X600P_6000.
DISPLAY_TYPE_1024X768P_5994	1024X768P_5994.
DISPLAY_TYPE_1024X768P_6000	1024X768P_6000.
DISPLAY_TYPE_1280X720P_2398	1280X720P_2398.
DISPLAY_TYPE_1280X720P_2400	1280X720P_2400.
DISPLAY_TYPE_1280X720P_2500	1280X720P_2500.
DISPLAY_TYPE_1280X720P_2997	1280X720P_2997.
DISPLAY_TYPE_1280X720P_3000	1280X720P_3000.
DISPLAY_TYPE_1280X720P_5000	1280X720P_5000.
DISPLAY_TYPE_1280X720P_5994	1280X720P_5994.
DISPLAY_TYPE_1280X720P_6000	1280X720P_6000.
DISPLAY_TYPE_1280X1024P_5994	1280X1024P_5994.
DISPLAY_TYPE_1280X1024P_6000	1280X1024P_6000.

Value	Description
DISPLAY_TYPE_1440X900P_5994	1440X900P_5994.
DISPLAY_TYPE_1440X900P_6000	1440X900P_6000.
DISPLAY_TYPE_1600X1200P_5994	1600X1200P_5994.
DISPLAY_TYPE_1600X1200P_6000	1600X1200P_6000.
DISPLAY_TYPE_1680X1050P_5994	1680X1050P_5994.
DISPLAY_TYPE_1680X1050P_6000	1680X1050P_6000.
DISPLAY_TYPE_1920X1080I_2500	1920X1080I_2500.
DISPLAY_TYPE_1920X1080I_2997	1920X1080I_2997.
DISPLAY_TYPE_1920X1080I_3000	1920X1080I_3000.
DISPLAY_TYPE_1920X1080P_2398	1920X1080P_2398.
DISPLAY_TYPE_1920X1080P_2400	1920X1080P_2400.
DISPLAY_TYPE_1920X1080P_2500	1920X1080P_2500.
DISPLAY_TYPE_1920X1080P_2997	1920X1080P_2997.

Value	Description
DISPLAY_TYPE_1920X1080P_3000	1920X1080P_3000.
DISPLAY_TYPE_1920X1080P_5000	1920X1080P_5000.
DISPLAY_TYPE_1920X1080P_5994	1920X1080P_5994.
DISPLAY_TYPE_1920X1080P_6000	1920X1080P_6000.
DISPLAY_TYPE_1920X1200P_5994	1920X1200P_5994.
DISPLAY_TYPE_1920X1200P_6000	1920X1200P_6000.
DISPLAY_TYPE_2304X2880P_2997	2304X2880P_2997.
DISPLAY_TYPE_2304X2880P_3000	2304X2880P_3000.
DISPLAY_TYPE_2560X1080P_5994	2560X1080P_5994.
DISPLAY_TYPE_2560X1080P_6000	2560X1080P_6000.
DISPLAY_TYPE_2560X1440P_5994	2560X1440P_5994.
DISPLAY_TYPE_2560X1440P_6000	2560X1440P_6000.
DISPLAY_TYPE_2560X1600P_5994	2560X1600P_5994.

Value	Description
DISPLAY_TYPE_2560X1600P_6000	2560X1600P_6000.
DISPLAY_TYPE_3840X2160P_2398	3840X2160P_2398.
DISPLAY_TYPE_3840X2160P_2400	3840X2160P_2400.
DISPLAY_TYPE_3840X2160P_2500	3840X2160P_2500.
DISPLAY_TYPE_3840X2160P_2997	3840X2160P_2997.
DISPLAY_TYPE_3840X2160P_3000	3840X2160P_3000.
DISPLAY_TYPE_3840X2160P_5000	3840X2160P_5000.
DISPLAY_TYPE_3840X2160P_5994	3840X2160P_5994.
DISPLAY_TYPE_3840X2160P_6000	3840X2160P_6000.
DISPLAY_TYPE_4096X2160P_2398	4096X2160P_2398.
DISPLAY_TYPE_4096X2160P_2400	4096X2160P_2400.
DISPLAY_TYPE_4096X2160P_2500	4096X2160P_2500.
DISPLAY_TYPE_4096X2160P_2997	4096X2160P_2997.

Value	Description
DISPLAY_TYPE_4096X2160P_3000	4096X2160P_3000.
DISPLAY_TYPE_4096X2160P_5000	4096X2160P_5000.
DISPLAY_TYPE_4096X2160P_5994	4096X2160P_5994.
DISPLAY_TYPE_4096X2160P_6000	4096X2160P_6000.

EdidMode

Edid mode.

Value	Description
UNKNOWN	Unknown.
DEFAULT	Default mode.
PREDEFINED	Pre-defined mode.
COPY	Copy mode.
UPLOAD	Upload mode.

Enable

Enable State.

Value	Description
UNKNOWN	Unknown.
ENABLED	Enabled.
DISABLED	Disabled.

ErrorCode

Error Code.

Value	Description
SUCCESS	Success.
FAILURE	Failure.

FileExportResult

File Export Result.

Value	Description
SUCCESS	Success.
FAILURE	Failure.
WAIT_AND_RETRY	Waiting and try it again later.

FileStatus

update file status.

Value	Description
STATUS_FILE_NONE	None.
STATUS_FILE_OK	File Ok.
STATUS_FILE_DELETED	File Deleted.
STATUS_FILE_NOT_FOUND	File Not Found.
STATUS_FILE_NOT_COMPATIBLE_DELETED	File Not Compatible and Deleted.
STATUS_FILE_CORRUPT_DELETED	File Corrupt and Deleted.
STATUS_FILE_PRODUCT_ERROR_MESSAGE	Product Specific Error Message.
STATUS_FILE_TOO_LARGE_DELETED	File Too Large and Deleted.
STATUS_FILE_ALREADY_EXISTS_DELETED	File Already Exists Deleted.
STATUS_FILE_NAME_INVALID_DELETED	File Name Invalid Deleted.
STATUS_FILE_NAME_LENGTH_INVALID_DELETED	File Name Length Invalid Deleted.
STATUS_FILE_UPLOADING	File Uploading.

FileType

file type.

Value	Description
UNKNOWN	Unknown.
PROFILE	profile.
DIAGNOSTIC	diagnostic file.
UPGRADE	upgrade file.
ADD_DEVICE_CSV	csv file.

FilterChainType

Filter Chain Type.

Value	Description
PREROUTING	Prerouting.
INPUT	Input.
OUTPUT	Output.
FORWARD	Forward.
UNKNOWN	Unknown.

FilterDevice

Filter device conditions.

Value	Description
UNKNOWN	Unknown
ALL	All devices.
ACTIVE	Active devices.
INACTIVE	Inactive devices.

HdcpEncryption

HDCP encryption for HDMI Output.

Value	Description
UNKNOWN	Unknown.
HDCP_NO	NO.
HDCP_1_4	1.4.
HDCP_2_2	2.2.
HDCP_2_3	2.3.
HDCP_2_X_TYPE0	HDCP 2.X type0.

Value	Description
HDCP_2_X_TYPE1	HDCP 2.X type1.

HdcpRxCapability

HDCP receiver capability config.

Value	Description
UNKNOWN	unknown.
AUTO	hdcp auto.
HDCP_1_4	hdcp 1.4.
HDCP_2_X	hdcp 2.x.
OFF	hdcp off.

HdcpType

HdcpType.

Value	Description
UNKNOWN	UNKNOWN.
HDCP_OFF	HDCP off.
HDCP_ON	HDCP on.

Value	Description
HDCP_AUTO	HDCP auto.
HDCP_1_4	HDCP 1.4.
HDCP_2_2	HDCP 2.2.
HDCP_2_3	HDCP 2.3.
HDCP_2_X_TYPE0	HDCP 2.X type0.
HDCP_2_X_TYPE1	HDCP 2.X type1.
HDCP_FOLLOW_INPUT	HDCP follow input.
HDCP_FORCE_HIGHEST	HDCP force highest.
HDCP_NEVER_AUTHENTICATE	HDCP never authenticate.

HdmiOutputDisplayMode

Display Mode for HDMI Output.

Value	Description
UNKNOWN	Unknown.
NO_OUTPUT	No Output.

Value	Description
BLACK_FRAME	Black Frame.
BACKGROUND_IMAGE	Background Image.

HttpProtocol

http protocol.

Value	Description
UNKNOWN	Unknown.
HTTP	HTTP.
HTTPS	HTTPS.

IgmpVersion

IGMP version.

Value	Description
UNKNOWN	Unknown
V1	IGMP v1.
V2	IGMP v2.
V3	IGMP v3.

InputAudioSource

Audio source type.

Value	Description
UNKNOWN	Unknown.
HDMI	HDMI.
DANTE	Dante audio.
ANALOG	Analog audio.
IP	IP.

InputSelectType

The input type for transceiver.

Value	Description
UNKNOWN	Unknown.
HDMI	HDMI input..
USB_TYPEC	USB Type-c input.
IP	IP input.
GENERATOR	Generator input

Value	Description
NONE	None.

IpStreamMode

Ip Stream Mode.

Value	Description
UNKNOWN	Unknown.
MULTICAST	Multicast.
UNICAST	Unicast.

IpStreamType

Ip Stream Type.

Value	Description
UNKNOWN	Unknown.
MAIN_STREAM	Main stream.
SUB_STREAM	Sub stream.

LicenseOperationStatus

License operation Status.

Value	Description
CHECKING	Indicates that the license is being checked.
ERROR	Indicates that the license fails to be applied.
SUCCESS	Indicates that the license is successfully applied.
SWITCHING	Indicates that the license is being used to switch product.

LicenseOptionLockState

License Option Lock State.

Value	Description
UNKNOWN	Unknown.
LOCKED	LOCKED.
UNLOCKED	UNLOCKED.
REBOOT	REBOOT.
EXCEEDED	EXCEEDED.
UNSUPPORTED	UNSUPPORTED.
DEMO_UNLOCKED	DEMO_UNLOCKED.

Value	Description
DEMO_EXCEEDED	DEMO_EXCEEDED.

LinkDuplex

Duplex mode of an Ethernet link.

Value	Description
UNKNOWN	
HALF	Half duplex (HDX) transfers data in one direction at a time.
FULL	Full duplex (FDX) transfers data in both directions simultaneously.

LinkSpeed

Link speed.

Value	Description
UNKNOWN	Unknown.
SPEED_NA	NA.
SPEED_10M	10 Mbps.
SPEED_100M	100 Mbps.
SPEED_1G	1G.

Value	Description
SPEED_10G	10G.
SPEED_25G	25 Gbps.
SPEED_AUTO	Auto.
SPEED_100M_FULL	100M full.
SPEED_100M_HALF	100M half.
SPEED_10M_FULL	10M full.
SPEED_10M_HALF	10M half.

LinkStatus

Link status of a Network Interface.

Value	Description
UNKNOWN	
DOWN	Down: the link is not ready to transfer data.
UP	Up: the link is ready to transfer data.

LoadingStatus

Device load state.

Value	Description
BOARD_SUCCESS	success.
BOARD_LOADING	loading.
BOARD_NOT_INSERT	Device not plugged in.

Lock

Lock State.

Value	Description
UNKNOWN	Unknown.
LOCKED	Locked.
UNLOCKED	Unlocked.

LogType

Log Type.

Value	Description
UNKNOWN	The log type for unknown.
ALARM	The log type for alarm appear and disappear.
DEBUG	The log type for debug info for debugging.

Value	Description
TRAP	The log type for event appear.

MatrixSize

Matrix size.

Value	Description
UNKNOWN	Unknown.
MATRIX_1X1	1X1.
MATRIX_2X2	2X2.
MATRIX_3X3	3X3.
MATRIX_1X3	1X3.
MATRIX_3X1	3X1.
MATRIX_4X4	4X4.

NetState

Current net state.

Value	Description
UNKNOWN	Unknown.

Value	Description
LIVE	Live.
OFFLINE	Offline.

NetworkConnector

The network connector for transceiver.

Value	Description
UNKNOWN	Unknown.
CONNECTOR_1	Connector 1.
CONNECTOR_2	Connector 2.
CONNECTOR_3	Connector 3

NetworkInterfaceAddressMode

Mode of assigning a network interface address.

Value	Description
UNKNOWN	
DHCP	DHCP: An address is assigned dynamically by a DHCP server.
STATIC	Static: An address is assigned statically with a configuration.

Value	Description
MANUAL	Manual: Configuration is specified in files and commands outside of this software.

NetworkInterfaceType

Network interface type.

Value	Description
NETWORK_INTERFACE	General network interface.
VLAN_NETWORK_INTERFACE	Logical VLAN network interface.
ALL_INTERFACE	interfaces include general and logical vlan.

NetworkMode

Network mode.

Value	Description
UNKNOWN	Unknown.
DHCP	DHCP mode.
STATIC	Static mode.

NmosStreamType

Nmos Stream Type.

Value	Description
UNKNOWN	Unknown.
SENDER	Sender.
RECEIVER	Receiver.

OrderDirection

Order direction.

Value	Description
ASC	Ascending.
DESC	Descending.

OutputDeviceType

Output device type.

Value	Description
PC	PC.
LAPTOP	Laptop.
TV	TV.
PROJECTOR	Projector.

Value	Description
OTHER_DEVICE	O.

OutputMode

Video Output mode.

Value	Description
UNKNOWN	Unknown.
AUTO	Auto mode.
MANUAL	Manual mode.

PanelId

Video wall panel ID.

Value	Description
UNKNOWN	Unknown.
A1	A1.
A2	A2.
A3	A3.
A4	A4.

Value	Description
B1	B1.
B2	B2.
B3	B3.
B4	B4.
C1	C1.
C2	C2.
C3	C3.
C4	C4.
D1	D1.
D2	D2.
D3	D3.
D4	D4.

PanelRotation

Video wall panel rotation.

Value	Description
UNKNOWN	Unknown.
ROTATION_0_CW	0 CW.
ROTATION_90_CW	90 CW.
ROTATION_180_CW	180 CW.
ROTATION_90_CCW	90 CCW.

ProfileApplyState

Profile apply state.

Value	Description
PROFILE_APPLY_STATE_VALIDATING	Validating.
PROFILE_APPLY_STATE_INVALID	Invalid.
PROFILE_APPLY_STATE_VALID	Valid.
PROFILE_APPLY_STATE_EXECUTING	Executing.
PROFILE_APPLY_STATE_APPLIED	Applied.
PROFILE_APPLY_STATE_FAILURE	Failure.

ProtocolType

Protocol Type.

Value	Description
ICMP	ICMP protocol.
TCP	TCP protocol.
UDP	UDP protocol.
UNKNOWN	Unknown.

RevertResult

RevertResult.

Value	Description
SUCCESS	Success.
FILE_NOT_FOUND	File not found.
REVERT_ERROR	Revert error.
VALIDATION_ERROR	Validation error.
NOT_COMPATIBLE	Not Compatible.
OTHER	Other.

RevertStage

Revert stages code.

Value	Description
IDLE	Idle.
REVERTING	Reverting.
VERIFYING	Verifying.
FINISHED	Finished.

RowStatus

Datagroup row status(for create row).

Value	Description
UNKNOWN	Unknown
ACTIONSTATUS_ACTIVE	Active.
STATUS_NOT_IN_SERVICE	Not In Service.
STATUS_NOT_READY	Not Ready.
ACTION_CREATE_AND_GO	Create And Go.
ACTION_CREATE_AND_WAIT	Create And Wait.

Value	Description
ACTION_DESTROY	Destroy.

ScheduleStatus

schedule status.

Value	Description
UNKNOWN	Unknown.
TODO	Not yet executed.
EXECUTING	Executing.
EXEC_SUCCESS	Execution success.
EXEC_FAILURE	Execution failure.

ScheduleType

Schedule type.

Value	Description
UNKNOWN	Unknown.
APPLY_PROFILE	Apply profile.
UPGRADE	Upgrade.

SerialDataBits

Serial data bits.

Value	Description
UNKNOWN	Unknown.
BIT_5	5 bits.
BIT_6	6 bits.
BIT_7	7 bits.
BIT_8	8 bits.

SerialFlowControl

Serial flow control.

Value	Description
UNKNOWN	Unknown.
NONE	None.
XON_XOFF	XON/XOFF.
RTS_CTS	RTS/CTS.
DSR_DTR	RSR/DTR.

SerialParity

Serial parity.

Value	Description
UNKNOWN	Unknown.
NONE	None.
ODD	Odd.
EVEN	Even.
MARK	Mark.
SPACE	Space.

SerialSpeed

Serial speed.

Value	Description
UNKNOWN	Unknown.
SPEED_1200	1200.
SPEED_2400	2400.
SPEED_4800	4800.

Value	Description
SPEED_9600	9600.
SPEED_19200	19200.
SPEED_38400	38400.
SPEED_57600	57600.
SPEED_115200	115200.
SPEED_230400	230400.
SPEED_460800	460800.
SPEED_921600	921600.

SerialStopBits

Serial stop bits.

Value	Description
UNKNOWN	Unknown.
BIT_1	1 bit.
BIT_2	2 bits.

Severity

Severity of the log.

Value	Description
UNKNOWN	The severity for the unknown cases which is an unexpected status.
CRITICAL	The severity for the critical cases which may lead to the equipment and service running failed.
ERROR	The severity for the major error cases which may lead to part of service running abnormal.
WARN	The severity for the minor error cases.
INFO	The severity for the information to notify the user.
DEBUG	The severity for the information to trace the program running status.

SshConnectionState

SSH tunnel Connection State.

Value	Description
UNKNOWN	Unknown.
CONNECTED	Connected.
CONNECTING	Connecting.
UNKNOWN_SSH_ERROR	
INVALID_KEY_FILE	Connect failed: Key file invalid.

Value	Description
NETWORK_ERROR	Connect failed: Network is unreachable.
REMOTE_FORWARD_FAILED	Connect failed: Remote TCP forward request failed.
CONNECTION_REFUSED	Connect failed: Connection refused.
INVALID_USERNAME_OR_KEY	Connect failed: No auth methods could be used or password error.
CONNECTION_CLOSED	Connect failed: Remote closed the connection.
KEEP_ALIVE_TIMED_OUT	Connect failed: Keepalive timeout.
CONNECTION_TIMED_OUT	Connect failed: Connection timed out.
NAME_RESOLUTION_FAILURE	Connect failed: Temporary failure in name resolution.

State

Enable State.

Value	Description
ENABLED	Enabled.
DISABLED	Disabled.

Status

Status

Value	Description
UNKNOWN	Unknown.
OK	OK.
FAILURE	Failure.
NOT_APPLICABLE	Not applicable.

SupportState

Support State.

Value	Description
UNKNOWN	Unknown.
SUPPORTED	SUPPORTED.
UNSUPPORTED	UNSUPPORTED.

SwitchingDisplay

Switching display.

Value	Description
UNKNOWN	Unknown.

Value	Description
BLACK	Show black.
LAST_FRAME	Show last frame.

SwitchingMode

Switching Mode.

Value	Description
UNKNOWN	Unknown.
SEAMLESS	Seamless mode.
LOW_LATENCY	Low latency mode.

UpdateMode

Date Time Update Mode.

Value	Description
MANUAL	
NTP	

UpdateResult

UpdateResult.

Value	Description
SUCCESS	Success.

Value	Description
FILE_NOT_FOUND	File not found.
UPDATING_ERROR	Updating error.
VALIDATION_ERROR	Validation error.
NOT_COMPATIBLE	Not Compatible.
OTHER	Other.
MIGRATION_ERROR	Migration error.

UpdateStage

Update stages code.

Value	Description
IDLE	Idle.
UPDATING	Updating.
VERIFYING	Verifying.
FINISHED	Finished.

UpdateStages

Update stages.

Value	Description
STAGE_IDLE	Idle.
STAGE_UPDATING	Updating.
STAGE_VERIFYING	Verifying.
STAGE_FINISHED	Finished.
STAGE_MIRRORING	Mirroring.
STAGE_POST_UPDATE	Post Update.
STAGE_FAILED	Failure.
STAGE_REBOOT	Reboot.

VideoBpp

Video bpp.

Value	Description
UNKNOWN	Unknown.
BPP_0D5	0.5.

Value	Description
BPP_0D8	0.8.
BPP_1D0	1.0.
BPP_1D2	1.2.
BPP_1D5	1.5.
BPP_1D7	1.7.
BPP_2D0	2.0.
BPP_2D5	2.5.
BPP_3D0	3.0.
BPP_3D5	3.5.
BPP_4D0	4.0.
BPP_8T1	8:1.
BPP_10T1	10:1.
BPP_12T1	12:1.

Value	Description
BPP_14T1	14:1.

VideoCodec

Video codec.

Value	Description
UNKNOWN	Unknown.
AVC	AVC.
HEVC	HEVC.
JPEG_XS_HIGH	JPEG-XS high.
JPEG_XS_FIP	JPEG-XS FIP.

VideoFrameRate

Video frame rate.

Value	Description
VIDEO_FRAME_RATE_UNKNOWN	Unknown.
VIDEO_FRAME_RATE_2398	23.98.
VIDEO_FRAME_RATE_24	24.

Value	Description
VIDEO_FRAME_RATE_25	25.
VIDEO_FRAME_RATE_2997	29.97.
VIDEO_FRAME_RATE_30	30.
VIDEO_FRAME_RATE_50	50.
VIDEO_FRAME_RATE_5994	59.94.
VIDEO_FRAME_RATE_60	60.
VIDEO_FRAME_RATE_100	100.
VIDEO_FRAME_RATE_120	120.

VideoResolution

Video Output mode.

Value	Description
VIDEO_RESOLUTION_UNKNOWN	Unknown.
VIDEO_RESOLUTION_1280X720P	1280x720p.
VIDEO_RESOLUTION_1920X1080P	1920x1080p.

Value	Description
VIDEO_RESOLUTION_3840X2160P	3840x2160p.

transition

Transition of the log.

Value	Description
UNKNOWN	The unknown type which is unexpected for the normal log.
WENT_GOOD	The alarm is disappear.
WENT_BAD	The alarm is appear.
MOMENTARY	The event log or debug log come out for one time.

Scalars

BigInt

The **BigInt** scalar type represents non-fractional signed whole numeric values. BigInt can represent values between $-(2^{53}) + 1$ and $2^{53} - 1$.

Boolean

The **Boolean** scalar type represents **true** or **false** .

DateTime

A date-time string at UTC, such as 2019-12-03T09:54:33Z, compliant with the date-time format.

Float

The **Float** scalar type represents signed double-precision fractional values as specified by [IEEE 754](#).

ID

The **ID** scalar type represents a unique identifier, often used to refetch an object or as key for a cache. The ID type appears in a JSON response as a String; however, it is not intended to be human-readable. When expected as an input type, any string (such as `"4"`) or integer (such as `4`) input value will be accepted as an ID.

Int

The **Int** scalar type represents non-fractional signed whole numeric values. Int can represent values between - (2^31) and 2^31 - 1.

String

The **String** scalar type represents textual data, represented as UTF-8 character sequences. The String type is most often used by GraphQL to represent free-form human-readable text.

Upload

The **Upload** scalar type represents a file upload.

Interfaces

Node

Field	Argument	Type	Description
id		ID!	

Possible Types: [LogMessage](#), [AlarmMessage](#), [HlsSource](#), [MpegIpDestination](#), [MpegIpSource](#), [RistDestination](#), [RistSource](#), [SeamlessRtpSource](#), [SrtDestination](#), [SrtSource](#), [ZixiDestination](#), [ZixiSource](#), [Resource](#), [Device](#), [NetworkInterface](#), [System](#), [DhcpServer](#), [SshTunnel](#), [SecurityManager](#), [NetworkService](#), [TemplateProfile](#), [IgmppQuerier](#), [IpConflict](#), [LicenseOption](#), [LicenseManager](#), [DeviceVideoWall](#), [VideoWall](#), [Tag](#), [AvMatrixLink](#), [AvMatrixSubLink](#), [DestinationIpConflict](#), [ResourceGroup](#), [PeerToPeerResource](#)

ResourceGrouping

Field	Argument	Type	Description
id		ID!	Unique Identifier of this object.
label		String!	User-defined name used to identify this object.

Possible Types: [Resource](#), [ResourceGroup](#)