



Device: 192.168.15.56:8080

Test time: 2019-03-18 02:22:21.693108

Test: GetVideoSources

None

Response: [(VideoSource){ _token = "h264" Framerate = 30.0 Resolution = (VideoResolution){ Width = 1920 Height = 1080 } }]

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Test: GetVideoSourceConfigurations

None

Response: [(VideoSourceConfiguration){ _token = "h264" Name = "h264" UseCount = 3 SourceToken = "h264" Bounds = (IntRectangle){ _y = 0 _width = 1920 _x = 0 _height = 1080 } }]

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Test: GetVideoSourceConfigurationOptions

Unknown error: (400, u'Bad Request')

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Test: GetVideoSourceConfiguration

None

Response: (VideoSourceConfiguration){ _token = "h264" Name = "h264" UseCount = 3 SourceToken = "h264" Bounds = (IntRectangle){ _y = 0 _width = 1920 _x = 0 _height = 1080 } }

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Test: GetVideoEncoderConfigurations

None

Response: [(VideoEncoderConfiguration){ _token = "Major" Name = "h264" UseCount = 1 Encoding = "H264" Resolution = (VideoResolution){ Width = 1920 Height = 1080 } Quality = 0.0 RateControl = (VideoRateControl){ FrameRateLimit = 30

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EncodingInterval = 0 BitrateLimit = 2000 } H264 = (H264Configuration){ GovLength = 0 H264Profile = "High" } Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" IPv6Address = "0.0.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0H0M1.200S" }, (VideoEncoderConfiguration){ _token = "Minor" Name = "h264" UseCount = 1 Encoding = "H264" Resolution = (VideoResolution){ Width = 1920 Height = 1080 } Quality = 0.0 RateControl = (VideoRateControl){ FrameRateLimit = 30 EncodingInterval = 0 BitrateLimit = 512 } H264 = (H264Configuration){ GovLength = 0 H264Profile = "High" } Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" IPv6Address = "0.0.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0H0M2.400S" }}
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Test: GetVideoEncoderConfigurationOptions

None

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Response: (VideoEncoderConfigurationOptions){ QualityRange = (IntRange){ Min = 0 Max = 4 } H264 = (H264Options){ ResolutionsAvailable[] = (VideoResolution){ Width = 1920 Height = 1080 }, GovLengthRange = (IntRange){ Min = 0 Max = 150 } FrameRateRange = (IntRange){ Min = 1 Max = 50 } EncodingIntervalRange = (IntRange){ Min = 0 Max = 0 } } Extension = (VideoEncoderOptionsExtension){ H264[] = (H264){ ResolutionsAvailable[] = (ResolutionsAvailable){ Width[] = "1920", Height[] = "1080", }, GovLengthRange[] = (GovLengthRange){ Min[] = "0", Max[] = "150", }, FrameRateRange[] = (FrameRateRange){ Min[] = "1", Max[] = "50", }, EncodingIntervalRange[] = (EncodingIntervalRange){ Min[] = "0", Max[] = "0", }, BitrateRange[] = (BitrateRange){ Min[] = "0", Max[] = "16384", }, }, }
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Test: GetVideoEncoderConfiguration

None

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Response: (VideoEncoderConfiguration){ _token = "Major" Name = "h264" UseCount = 1 Encoding = "H264" Resolution = (VideoResolution){ Width = 1920 Height = 1080 } Quality = 0.0 RateControl = (VideoRateControl){ FrameRateLimit = 30 EncodingInterval = 0 BitrateLimit = 2000 } H264 = (H264Configuration){ GovLength = 0 H264Profile = "High" } Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0H0M1.200S" }
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Test: GetVideoAnalyticsConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetVideoAnalyticsConfiguration

Profile instance has no attribute 'VideoAnalyticsConfiguration'

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Test: GetStreamUri

Unknown error: (400, u'Bad Request')

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Test: GetSnapshotUri

None

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Response: (MediaUri){ Uri = "rtsp://192.168.15.56:554/stream0/admin/Supervisor" InvalidAfterConnect = False InvalidAfterReboot = False Timeout = "P1D" }
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Test: GetServiceCapabilities

Unknown error: (400, u'Bad Request')

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Test: GetProfiles

None

Response: [(Profile){ _token = "stream0" _fixed = True Name = "1920*1080" VideoSourceConfiguration = (VideoSourceConfiguration){ _token = "h264" Name = "h264" UseCount = 3 SourceToken = "h264" Bounds = (IntRectangle){ _y = 0 _width = 1920 _x = 0 _height = 1080 } } AudioSourceConfiguration = (AudioSourceConfiguration){ _token = "AAC" Name = "Audio" UseCount = 3 SourceToken = "AAC" } VideoEncoderConfiguration = (VideoEncoderConfiguration){ _token = "Major" Name = "h264" UseCount = 1 Encoding = "H264" Resolution = (VideoResolution){ Width = 1920 Height = 1080 } Quality = 0.0 RateControl = (VideoRateControl){ FrameRateLimit = 30 EncodingInterval = 0 BitrateLimit = 2000 } H264 = (H264Configuration){ GovLength = 0 H264Profile = "High" } Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0H0M1.200S" } AudioEncoderConfiguration = (AudioEncoderConfiguration){ _token = "AAC" Name = "AudioEncoder" UseCount = 3 Encoding = "AAC" Bitrate = 64000 SampleRate = 48000 Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0S" } }, (Profile){ _token = "stream1" _fixed = True Name = "704*576" VideoSourceConfiguration = (VideoSourceConfiguration){ _token = "h264" Name = "h264" UseCount = 3 SourceToken = "h264" Bounds = (IntRectangle){ _y = 0 _width = 704 _x = 0 _height = 576 } } AudioSourceConfiguration = (AudioSourceConfiguration){ _token = "AAC" Name = "Audio" UseCount = 3 SourceToken = "AAC" } VideoEncoderConfiguration = (VideoEncoderConfiguration){ _token = "Minor" Name = "h264" UseCount = 1 Encoding = "H264" Resolution = (VideoResolution){ Width = 704 Height = 576 } Quality = 0.0 RateControl = (VideoRateControl){ FrameRateLimit = 30 EncodingInterval = 0 BitrateLimit = 512 } H264 = (H264Configuration){ GovLength = 0 H264Profile = "High" } Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0H0M2.400S" } AudioEncoderConfiguration = (AudioEncoderConfiguration){ _token = "AAC" Name = "AudioEncoder" UseCount = 3 Encoding = "AAC" Bitrate = 64000 SampleRate = 48000 Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0S" } }]

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Test: GetProfile

None

Response: (Profile){ _token = "stream0" _fixed = True Name = "1920*1080" VideoSourceConfiguration = (VideoSourceConfiguration){ Name = "h264" UseCount = 3 SourceToken = None Bounds = (IntRectangle){ _y = 0 _width = 1920 _x = 0 _height = 1080 } } AudioSourceConfiguration = (AudioSourceConfiguration){ _token = "AAC" Name = "Audio" UseCount = 3 SourceToken = "AAC" } VideoEncoderConfiguration = (VideoEncoderConfiguration){ _token = "Major" Name = "h264" UseCount = 1 Encoding = "H264" Resolution = (VideoResolution){ Width = 1920 Height = 1080 } Quality = 0.0 RateControl = (VideoRateControl){ FrameRateLimit = 30 EncodingInterval = 0 BitrateLimit = 2000 } H264 = (H264Configuration){ GovLength = 0 H264Profile = "High" } Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0H0M1.200S" } AudioEncoderConfiguration = (AudioEncoderConfiguration){ _token = "AAC" Name = "AudioEncoder" UseCount = 1 Encoding = "AAC" Bitrate = 64000 SampleRate = 48000 Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0S" } }

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Test: GetOSDs

Unknown error: (400, u'Bad Request')

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Test: GetOSDOptions

Unknown error: (400, u'Bad Request')

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Test: GetOSD

Unknown error: (400, u'Bad Request')

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Test: GetMetadataConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetMetadataConfigurationOptions

Unknown error: (400, u'Bad Request')

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Test: GetMetadataConfiguration

Unknown error: (400, u'Bad Request')

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Test: GetGuaranteedNumberOfVideoEncoderInstances

Unknown error: (400, u'Bad Request')

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Test: GetCompatibleVideoSourceConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetCompatibleVideoEncoderConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetCompatibleVideoAnalyticsConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetCompatibleMetadataConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetCompatibleAudioSourceConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetCompatibleAudioOutputConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetCompatibleAudioDecoderConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetAudioSources

None

Response: [(AudioSource){ _token = "AAC" Channels = 1 }]

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Test: GetAudioSourceConfigurations

None

Response: [(AudioSourceConfiguration){ _token = "audiosource_config_ch01" Name = "audiosource_config_ch01" UseCount = 1 SourceToken = "audiosource_ch01" }]

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Test: GetAudioSourceConfigurationOptions

None

Response: (AudioSourceConfigurationOptions){ InputTokensAvailable[] = "AAC", }

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Test: GetAudioSourceConfiguration

Unknown error: (400, u'Bad Request')

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Test: GetAudioOutputs

Unknown error: (400, u'Bad Request')

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Test: GetAudioOutputConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetAudioOutputConfigurationOptions

Unknown error: (400, u'Bad Request')

<----->

Test: GetAudioOutputConfiguration

Unknown error: (400, u'Bad Request')

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Test: GetAudioEncoderConfigurations

None

Response: [(AudioEncoderConfiguration){ _token = "AAC" Name = "AudioEncoder" UseCount = 1 Encoding = "AAC" Bitrate = 64000 SampleRate = 48000 Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0S" }, (AudioEncoderConfiguration){ _token = "AAC" Name = "AudioEncoder" UseCount = 1 Encoding = "AAC" Bitrate = 64000 SampleRate = 48000 Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0S" }]

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Test: GetAudioEncoderConfigurationOptions

global name 'config' is not defined

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Test: GetAudioEncoderConfiguration

None

Response: (AudioEncoderConfiguration){ _token = "AAC" Name = "AudioEncoder" UseCount = 1 Encoding = "AAC" Bitrate = 64000 SampleRate = 48000 Multicast = (MulticastConfiguration){ Address = (IPAddress){ Type = "IPv4" IPv4Address = "239.168.0.0" } Port = 0 TTL = 0 AutoStart = False } SessionTimeout = "PT0S" }

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Test: GetAudioDecoderConfigurations

Unknown error: (400, u'Bad Request')

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Test: GetAudioDecoderConfigurationOptions

Unknown error: (400, u'Bad Request')

<----->

Test: GetAudioDecoderConfiguration

Unknown error: (400, u'Bad Request')

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Test: DeleteProfile

Unknown error: (400, u'Bad Request')

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Test: CreateProfile

Unknown error: (400, u'Bad Request')

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Test: AddVideoSourceConfiguration

Unknown error: (400, u'Bad Request')

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Test: AddVideoEncoderConfiguration

Unknown error: (400, u'Bad Request')

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Test: AddVideoAnalyticsConfiguration

Unknown error: (400, u'Bad Request')

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Test: AddPTZConfiguration

Unknown error: (400, u'Bad Request')

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Test: AddMetadataConfiguration

Unknown error: (400, u'Bad Request')

<----->

Test: AddAudioSourceConfiguration

Unknown error: (400, u'Bad Request')

<----->

Test: AddAudioOutputConfiguration

Unknown error: (400, u'Bad Request')

<----->

Test: AddAudioEncoderConfiguration

Unknown error: (400, u'Bad Request')

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Test: AddAudioDecoderConfiguration

Unknown error: (400, u'Bad Request')

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Test: SetNetworkDefaultGateway

The DUT did not set new NetworkDefaultGateway

Response: None

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Test: SetHostname

Unknown error: (400, u'Bad Request')

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Test: SetDiscoveryMode

Unknown error: (400, u'Bad Request')

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Test: RemoveScopes

Unknown error: (400, u'Bad Request')

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Test: GetUsers

None

Response: [(User){ Username = "admin" Password = "Supervisor" UserLevel = "Administrator" }]

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Test: GetSystemUri

Unknown error: (400, u'Bad Request')

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Test: GetSystemDateAndTime

None

Response: (SystemDateTime){ DateTimeType = "Manual" DaylightSavings = False TimeZone = (TimeZone){ TZ = "CST-8" } UTCDateTime = (DateTime){ Time = (Time){ Hour = 4 Minute = 21 Second = 40 } Date = (Date){ Year = 2019 Month = 3 Day = 18 } } LocalDateTime = (DateTime){ Time = (Time){ Hour = 7 Minute = 21 Second = 40 } Date = (Date){ Year = 2019 Month = 3 Day = 18 } }

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Test: GetSupportedServices

None

Response: [{u'supported': True, u'name': u'Devicemgmt'}, {u'supported': True, u'name': u'Media'}, {u'supported': False, u'name': u'Imaging'}, {u'supported': False, u'name': u'Analytics'}, {u'supported': False, u'name': u'PTZ'}, {u'supported': False, u'name': u'DeviceIO'}, {u'supported': False, u'name': u'Events'}, {u'supported': False, u'name': u'Replay'}, {u'supported': False, u'name': u'Recording'}, {u'supported': False, u'name': u'Search'}, {u'supported': False, u'name': u'Pullpoint'}, {u'supported': False, u'name': u'Receiver'}]

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Test: GetServices

The DUT send a valid response in both cases(IncludeCapability)

Response: [(Service){ Namespace = "http://www.onvif.org/ver10/device/wsdl" XAddr = "http://192.168.15.56:8080/onvif/device_service" Version = (OnvifVersion){ Major = 1 Minor = 40 } }, (Service){ Namespace = "http://www.onvif.org/ver10/media/wsdl" XAddr = "http://192.168.15.56:8080/onvif/device_service" Version = (OnvifVersion){ Major = 1 Minor = 50 } }, (Service){ Namespace = "http://www.onvif.org/ver10/network/wsdl" XAddr = "http://192.168.15.56:8080/onvif/device_service" Version = (OnvifVersion){ Major = 1 Minor = 0 } }]

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Test: GetScopes

None

Response: [(Scope){ ScopeDef = "Fixed" ScopeItem = "onvif://www.onvif.org/type/video_encoder" }, (Scope){ ScopeDef = "Fixed" ScopeItem = "onvif://www.onvif.org/type/audio_encoder" }, (Scope){ ScopeDef = "Fixed" ScopeItem = "onvif://www.onvif.org/hardware/encoder_model" }, (Scope){ ScopeDef = "Fixed" ScopeItem = "onvif://www.onvif.org/name/codec_encoder" }, (Scope){ ScopeDef = "Fixed" ScopeItem = "onvif://www.onvif.org/location/office" }]

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Test: GetNetworkProtocols

None

Response: [(NetworkProtocol){ Name = "HTTP" Enabled = True Port[] = 80, }, (NetworkProtocol){ Name = "RTSP" Enabled = True Port[] = 554, }]

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Test: GetNetworkInterfaces

None

Response: [(NetworkInterface){ _token = "eth0" Enabled = True Info = (NetworkInterfaceInfo){ Name = "eth0" HwAddress = "4c:64:d9:f0:13:cc" } Link = (NetworkInterfaceLink){ AdminSettings = (NetworkInterfaceConnectionSetting){ AutoNegotiation = True Speed = 100 Duplex = "Full" } OperSettings = (NetworkInterfaceConnectionSetting){ AutoNegotiation = True Speed = 100 Duplex = "Full" } InterfaceType = "0" } IPv4 = (IPv4NetworkInterface){ Enabled = True Config = (IPv4Configuration){ Manual[] = (PrefixedIPv4Address){ Address = "192.168.15.56" PrefixLength = 24 }, FromDHCP = (PrefixedIPv4Address){ Address = "192.168.15.56" PrefixLength = 24 } DHCP = True } }]]

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Test: GetNetworkDefaultGateway

None

Response: (NetworkGateway){ IPv4Address[] = "192.168.15.1", }

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Test: GetNTP

None

Response: (NTPInformation){ FromDHCP = False NTPManual[] = (NetworkHost){ Type = "DNS" DNSname = "pool.ntp.org" }, }

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Test: GetHostname

None

Response: (HostnameInformation){ FromDHCP = False Name = "Codec-120" }

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Test: GetDiscoveryMode

This operation got the discovery mode of a device

Response: Discoverable

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Test: GetDeviceInformation

None

Response: (reply){ Manufacturer = "codec" Model = "Encoder" FirmwareVersion = "V1.76" SerialNumber = "CM150311806040141" HardwareId = "0.2" }

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Test: GetDNS

None

Response: (DNSInformation){ FromDHCP = False DNSManual[] = (IPAddress){ Type = "IPv4" IPv4Address = "192.168.0.210" }, (IPAddress){ Type = "IPv4" IPv4Address = "8.8.8.8" }, }

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Test: GetCapabilities

None

Response: (Capabilities){ Analytics = (AnalyticsCapabilities){ XAddr = "http://192.168.15.56:8080/onvif" RuleSupport = False AnalyticsModuleSupport = False } Device = (DeviceCapabilities){ XAddr = "http://192.168.15.56:8080/onvif" Network = (NetworkCapabilities){ IPFilter = True ZeroConfiguration = False IPVersion6 = False DynDNS = True } System = (SystemCapabilities){ DiscoveryResolve = False DiscoveryBye = False RemoteDiscovery = False SystemBackup = False SystemLogging = False FirmwareUpgrade = False SupportedVersions[] = (OnvifVersion){ Major = 1 Minor = 0 }, } IO = (IOCapabilities){ InputConnectors = 0 RelayOutputs = 0 } Security = (SecurityCapabilities){ TLS1.1 = False TLS1.2 = False OnboardKeyGeneration = False AccessPolicyConfig = False X.509Token = False SAMLToken = False KerberosToken = False RELToken = False } } Events = (EventCapabilities){ XAddr = "http://192.168.15.56:8080/onvif" WSSubscriptionPolicySupport = False WSPullPointSupport = False WSPausableSubscriptionManagerInterfaceSupport = False } Imaging = (ImagingCapabilities){ XAddr = "http://192.168.15.56:8080/onvif" } Media = (MediaCapabilities){ XAddr = "http://192.168.15.56:8080/onvif" StreamingCapabilities = (RealTimeStreamingCapabilities){ RTPMulticast = True RTP_TCP = False RTP_RTSP_TCP = True Extension = "" } Extension[] = (Extension){ ProfileCapabilities[] = (ProfileCapabilities){ MaximumNumberOfProfiles[] = "3", }, }, } PTZ = (PTZCapabilities){ XAddr = "http://192.168.15.56:8080/onvif" } }

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Test: CreateUsers

The DUT created an user with Username: lalalal

Response: None

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Test: AddScopes

Unknown error: (400, u'Bad Request')

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