

RDKB EthAgent Component in RPI - Design - 2019 M7

Introduction

CcspEthAgent provides the Active wired clients information and it have the support of ethernet functionality(Enable/Disable of WAN Mode).

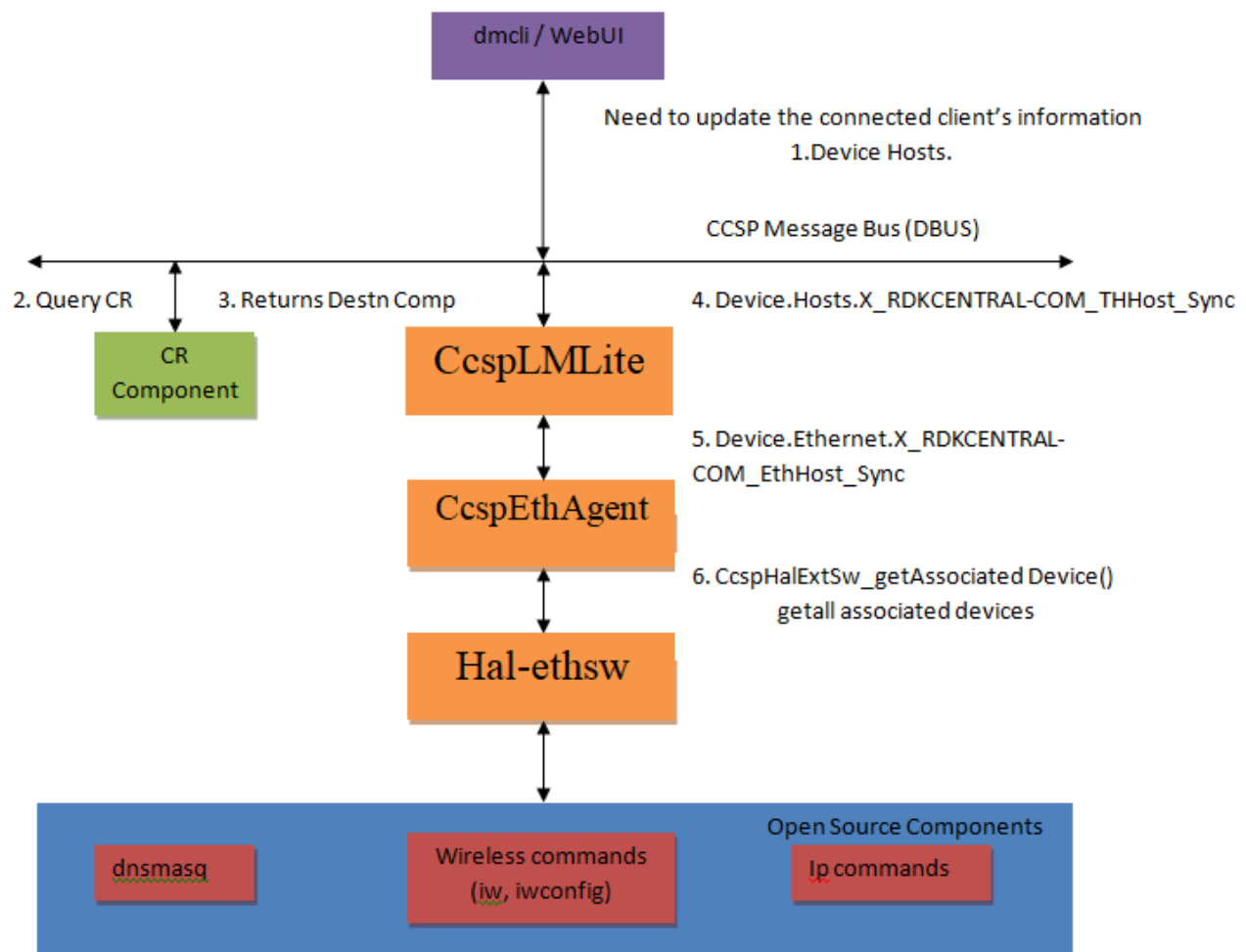
TR-181 Data Model Parameter

Module	Data Model Parameters	Description
CcspLMLite(LMLite.XML)	1.Device.Hosts.X_CISCO_COM_ConnectedDeviceNumber	shows Active Connected Clients Count
	2. Device.Hosts.Host. (Instance will update depend on number of connected clients connection) Example: Device.Hosts.Host.1. Device.Hosts.Host.2.	Will have connected clients information
	3.Device.Hosts.X_RDKCENRAL-COM_EthHost_Sync	This parameter can sync with CcspEthAgent

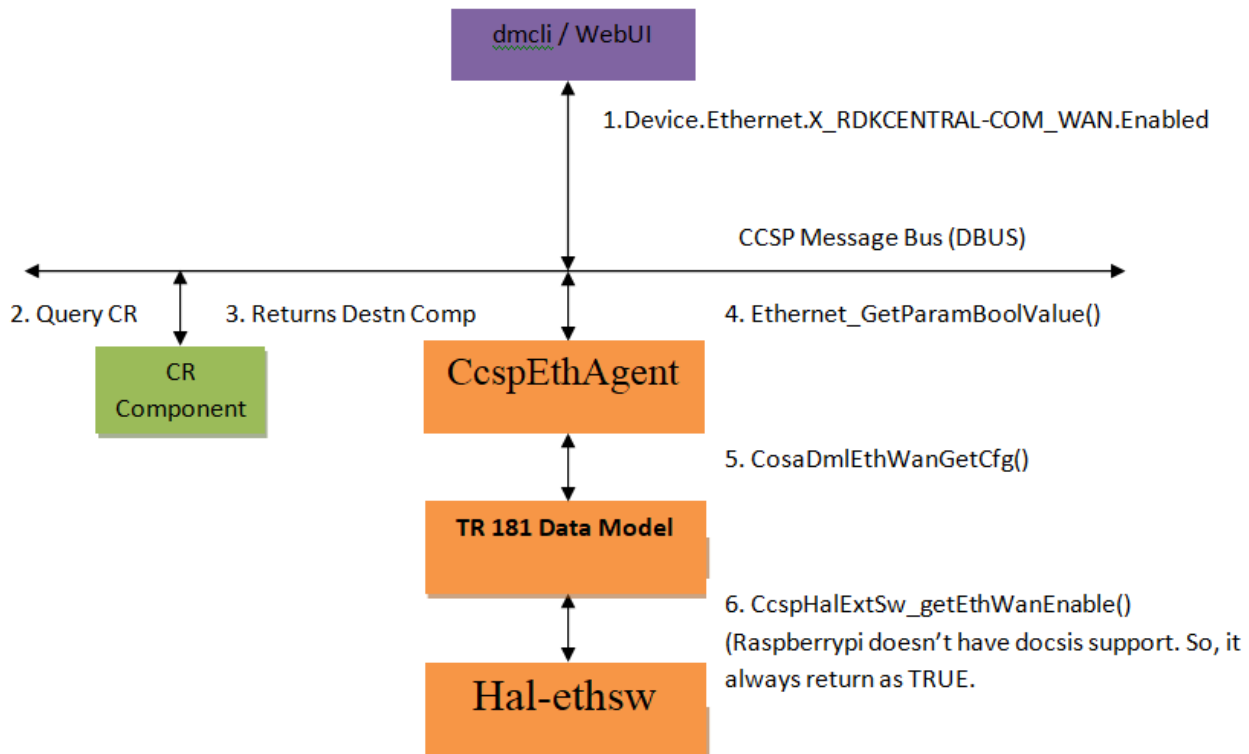
Module	Data Model Parameters	Description
CcspPandMSSp(TR181-USGv2.XML)	Device.X_CISCO_COM_DeviceControl.LanManagementEntry.1.LanMode	In routerMode - shows all connected client list via Device.Hosts. In BridgeMode - Device.Hosts.HostNumberOfEntries is zero

Module	Data Model Parameter	Description
CcspEthAgent(TR181-EthAgent.xml)	Device.Ethernet.X_RDKCENRAL-COM_WAN.Enabled	It always enabled, because rpi boards doesn't have DOCSIS Support
	Device.Ethernet.X_RDKCENRAL-COM_EthHost_Sync	This parameter can sync with LmLite

Interaction between CcspEthAgent and CcspLMLite Components



EthWan(Ethernet WAN) Functionality - CcspEthAgent



Sequence Diagram For Interaction Between CcspEthAgent And CcspLMLite

