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2017-05-28 16:04:36.916 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - 62239:
Scheduling node discovery
2017-05-28 16:04:36.917 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - 62239:
Starting node discovery
2017-05-28 16:04:36.919 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
IeeeAddressRequest [0/0 -> 62239/0, cluster=0001, TID=AE, nwkAddrOfInterest=62239,
requestType=1, startIndex=0]
2017-05-28 16:04:36.924 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 1F F3
00 00 01 00 AE 30 1F 05 00 1F F3 01 00 AE, checksum=AE, error=false)
2017-05-28 16:04:36.949 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:41.990 [DEBUG] [bee.discovery.ZigBeeDiscoveryService] - Starting
ZigBee scan for zigbee:coordinator_cc2531:af6da79d
2017-05-28 16:04:41.992 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - Permit join
for 60 seconds.
2017-05-28 16:04:41.995 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementPermitJoiningRequest [0/0 -> 65532/0, cluster=0036, TID=AF,
permitDuration=60, tcSignificance=true]
2017-05-28 16:04:41.997 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=13, apiId=24 01, data=FE 0D 24 01 FC FF
00 00 36 00 AF 30 1F 03 00 3C 01 A3, checksum=A3, error=false)
2017-05-28 16:04:42.003 [INFO ] [bee.discovery.ZigBeeDiscoveryService] -
001788011051E6AE: Starting ZigBee device discovery
2017-05-28 16:04:42.005 [INFO ] [bee.discovery.ZigBeeDiscoveryService] -
8418260000DA1EC3: Starting ZigBee device discovery
2017-05-28 16:04:42.004 [INFO ] [bee.discovery.ZigBeeDiscoveryService] -
8418260000D9959B: Starting ZigBee device discovery
2017-05-28 16:04:42.016 [INFO ] [bee.discovery.ZigBeeDiscoveryService] -
001788011051E6AE: Creating ZigBee device zigbee:device with bridge
zigbee:coordinator_cc2531:af6da79d
2017-05-28 16:04:42.017 [INFO ] [bee.discovery.ZigBeeDiscoveryService] -
8418260000D9959B: Creating ZigBee device zigbee:device with bridge
zigbee:coordinator_cc2531:af6da79d
2017-05-28 16:04:42.017 [INFO ] [bee.discovery.ZigBeeDiscoveryService] -
8418260000DA1EC3: Creating ZigBee device zigbee:device with bridge
zigbee:coordinator_cc2531:af6da79d
2017-05-28 16:04:42.021 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
001788011051E6AE: ZigBee node property discovery start
2017-05-28 16:04:42.021 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:42.022 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000DA1EC3: ZigBee node property discovery start
2017-05-28 16:04:42.025 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000DA1EC3: ZigBee node property discovery using 37750/3
2017-05-28 16:04:42.025 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000D9959B: ZigBee node property discovery start
2017-05-28 16:04:42.027 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync
request: ZclAttribute [id=4, name=ManufacturerName, dataType=CHARACTER_STRING,
lastValue=OSRAM]
2017-05-28 16:04:42.030 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ReadAttributesCommand [Basic: 0/0 -> 37750/3, cluster=0000, TID=B0,
identifiers=[Attribute Identifier: attributeIdentifier=4]]
2017-05-28 16:04:42.032 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
001788011051E6AE: ZigBee node property discovery using 40021/11
2017-05-28 16:04:42.033 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000D9959B: ZigBee node property discovery using 60164/3
2017-05-28 16:04:42.032 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 76 93
03 01 00 00 B0 30 1F 05 00 B0 00 04 00 E3, checksum=E3, error=false)
2017-05-28 16:04:42.037 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync
request: ZclAttribute [id=4, name=ManufacturerName, dataType=CHARACTER_STRING,
lastValue=Philips]
```

2017-05-28 16:04:42.040 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync request: ZclAttribute [id=4, name=ManufacturerName, dataType=CHARACTER\_STRING, lastValue=OSRAM]

2017-05-28 16:04:42.044 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD: ReadAttributesCommand [Basic: 0/0 -> 40021/11, cluster=0000, TID=B2, identifiers=[Attribute Identifier: attributeIdentifier=4]]

2017-05-28 16:04:42.044 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD: ReadAttributesCommand [Basic: 0/0 -> 60164/3, cluster=0000, TID=B1, identifiers=[Attribute Identifier: attributeIdentifier=4]]

2017-05-28 16:04:42.065 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <- AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:04:42.066 [DEBUG] [31.network.impl.CommandInterfaceImpl] - -> AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 04 EB 03 01 00 00 B1 30 1F 05 00 B1 00 04 00 E9, checksum=E9, error=false)

2017-05-28 16:04:42.098 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <- AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:04:42.100 [DEBUG] [31.network.impl.CommandInterfaceImpl] - -> AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 55 9C 0B 01 00 00 B2 30 1F 05 00 B2 00 04 00 C7, checksum=C7, error=false)

2017-05-28 16:04:42.142 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <- AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:04:42.167 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_DATA\_CONFIRM (FE 03 44 80 00 01 B2 74)

2017-05-28 16:04:42.168 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=178)

2017-05-28 16:04:42.179 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_INCOMING\_MSG (FE 23 44 81 00 00 00 00 55 9C 0B 01 00 51 00 7A FC 16 00 00 0F 18 B2 01 04 00 00 42 07 50 68 69 6C 69 70 73 55 9C 1D 82)

2017-05-28 16:04:42.180 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=35, apiId=44 81, data=FE 23 44 81 00 00 00 55 9C 0B 01 00 51 00 7A FC 16 00 00 0F 18 B2 01 04 00 00 42 07 50 68 69 6C 69 70 73 55 9C 1D 82, checksum=82, error=false

2017-05-28 16:04:42.182 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ReadAttributesResponse [Basic: 40021/11 -> 0/1, cluster=0000, TID=B2, records=[Read Attribute Status Record: attributeDataType=CHARACTER\_STRING, attributeIdentifier=4, status=0, attributeValue=Philips]]

2017-05-28 16:04:42.315 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_DATA\_CONFIRM (FE 03 44 80 00 01 B1 77)

2017-05-28 16:04:42.316 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=177)

2017-05-28 16:04:42.341 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_INCOMING\_MSG (FE 21 44 81 00 00 00 00 04 EB 03 01 00 00 00 58 FE 16 00 00 0D 08 B1 01 04 00 00 42 05 4F 53 52 41 4D 04 EB 1D FF)

2017-05-28 16:04:42.342 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=33, apiId=44 81, data=FE 21 44 81 00 00 00 00 04 EB 03 01 00 00 00 58 FE 16 00 00 0D 08 B1 01 04 00 00 42 05 4F 53 52 41 4D 04 EB 1D FF, checksum=FF, error=false

2017-05-28 16:04:42.343 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ReadAttributesResponse [Basic: 60164/3 -> 0/1, cluster=0000, TID=B1, records=[Read Attribute Status Record: attributeDataType=CHARACTER\_STRING, attributeIdentifier=4, status=0, attributeValue=OSRAM]]

2017-05-28 16:04:42.468 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_DATA\_CONFIRM (FE 03 44 80 00 01 B0 76)

2017-05-28 16:04:42.469 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=176)

2017-05-28 16:04:42.499 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_INCOMING\_MSG (FE 21 44 81 00 00 00 00 76 93 03 01 00 1A 00 45 00 17 00 00 0D 08 B0 01 04 00 00 42 05 4F 53 52 41 4D 76 93 1D 06)

2017-05-28 16:04:42.500 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=33, apiId=44 81, data=FE 21 44 81 00 00 00 00 76 93 03 01 00 1A 00 45 00 17 00 00 0D 08 B0 01 04 00 00 42 05 4F 53 52 41 4D 76 93 1D 06, checksum=06, error=false

2017-05-28 16:04:42.501 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ReadAttributesResponse [Basic: 37750/3 -> 0/1, cluster=0000, TID=B0, records=[Read



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neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=8418260000D9959B, networkAddress=60164, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=1, lqi=247]]]
2017-05-28 16:04:45.660 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 40021/0, cluster=0031, TID=B6, startIndex=14]
2017-05-28 16:04:45.663 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 31 00 B6 30 1F 02 00 0E 44, checksum=44, error=false)
2017-05-28 16:04:45.664 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 0C 01 29 D3 68 07 00 4B 12 00
9B 95 D9 00 00 26 18 84 04 EB 35 01 01 F7 72)
2017-05-28 16:04:45.666 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00
00 00 00 12 0C 01 29 D3 68 07 00 4B 12 00 9B 95 D9 00 00 26 18 84 04 EB 35 01 01 F7
72, checksum=72, error=false
2017-05-28 16:04:45.670 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=12, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=8418260000D9959B, networkAddress=60164, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=1, lqi=247]]]
2017-05-28 16:04:45.677 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1C 45 B1 55 9C 00 12 0D 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12
00 00 05 01 00 00 3B)
2017-05-28 16:04:45.679 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 0D 01
29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 00 3B, checksum=3B,
error=false
2017-05-28 16:04:45.682 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=13, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:04:45.686 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 0D 01 29 D3 68 07 00 4B 12 00
29 D3 68 07 00 4B 12 00 00 00 05 01 00 00 FB)
2017-05-28 16:04:45.689 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00
00 00 00 12 0D 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 00
FB, checksum=FB, error=false
2017-05-28 16:04:45.692 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=13, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:04:45.694 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:45.697 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 40021/0, cluster=0031, TID=B7, startIndex=15]
2017-05-28 16:04:45.699 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 31 00 B7 30 1F 02 00 0F 44, checksum=44, error=false)
2017-05-28 16:04:45.733 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:45.746 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1C 45 B1 55 9C 00 12 0E 01 29 D3 68 07 00 4B 12 00 00 00 00 00 00 00
00 00 00 35 01 00 00 C4)
2017-05-28 16:04:45.747 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 0E 01
29 D3 68 07 00 4B 12 00 00 00 00 00 00 00 00 00 00 00 00 00 35 01 00 00 C4, checksum=C4,
error=false
2017-05-28 16:04:45.749 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
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neighborTableEntries=18, startIndex=14, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=0000000000000000, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:04:45.754 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 40021/0, cluster=0031, TID=B8, startIndex=16]
2017-05-28 16:04:45.756 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 31 00 B8 30 1F 02 00 10 54, checksum=54, error=false)
2017-05-28 16:04:45.757 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 0E 01 29 D3 68 07 00 4B 12 00
00 00 00 00 00 00 00 00 00 00 35 01 00 00 04)
2017-05-28 16:04:45.758 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00
00 00 00 00 12 0E 01 29 D3 68 07 00 4B 12 00 00 00 00 00 00 00 00 00 00 35 01 00 00
04, checksum=04, error=false
2017-05-28 16:04:45.760 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=14, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=0000000000000000, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:04:45.779 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1C 45 B1 55 9C 00 12 0F 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12
00 00 00 05 01 00 00 39)
2017-05-28 16:04:45.781 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 0F 01
29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 00 39, checksum=39,
error=false
2017-05-28 16:04:45.784 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=15, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:04:45.790 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 0F 01 29 D3 68 07 00 4B 12 00
29 D3 68 07 00 4B 12 00 00 00 05 01 00 00 F9)
2017-05-28 16:04:45.792 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00
00 00 00 00 12 0F 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 00
F9, checksum=F9, error=false
2017-05-28 16:04:45.794 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=15, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:04:45.797 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:45.799 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 40021/0, cluster=0031, TID=B9, startIndex=17]
2017-05-28 16:04:45.801 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 31 00 B9 30 1F 02 00 11 54, checksum=54, error=false)
2017-05-28 16:04:45.825 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:45.848 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1C 45 B1 55 9C 00 12 10 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12
00 00 00 05 01 00 FD DB)
2017-05-28 16:04:45.849 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 10 01
29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 FD DB, checksum=DB,
error=false
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2017-05-28 16:04:45.851 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS, neighborTableEntries=18, startIndex=16, neighborTableListCount=1, neighborTableList=[NeighborTable [extendedPanId=00124B000768D329, extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER, rxOnWhenIdle=RX\_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=253]]]

2017-05-28 16:04:45.856 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD: IeeeAddressRequest [0/0 -> 40021/0, cluster=0001, TID=BA, nwkAddrOfInterest=40021, requestType=1, startIndex=0]

2017-05-28 16:04:45.858 [DEBUG] [31.network.impl.CommandInterfaceImpl] - -> AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 55 9C 00 00 01 00 BA 30 1F 05 00 55 9C 01 00 BA, checksum=BA, error=false)

2017-05-28 16:04:45.858 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 10 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 FD 1B)

2017-05-28 16:04:45.860 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 10 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 FD 1B, checksum=1B, error=false

2017-05-28 16:04:45.862 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS, neighborTableEntries=18, startIndex=16, neighborTableListCount=1, neighborTableList=[NeighborTable [extendedPanId=00124B000768D329, extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER, rxOnWhenIdle=RX\_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=253]]]

2017-05-28 16:04:45.879 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- ZToolPacket (FE 1C 45 B1 55 9C 00 12 11 01 29 D3 68 07 00 4B 12 00 C3 1E DA 00 00 26 18 84 76 93 35 01 01 F7 75)

2017-05-28 16:04:45.881 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 11 01 29 D3 68 07 00 4B 12 00 C3 1E DA 00 00 26 18 84 76 93 35 01 01 F7 75, checksum=75, error=false

2017-05-28 16:04:45.883 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS, neighborTableEntries=18, startIndex=17, neighborTableListCount=1, neighborTableList=[NeighborTable [extendedPanId=00124B000768D329, extendedAddress=8418260000DA1EC3, networkAddress=37750, deviceType=ROUTER, rxOnWhenIdle=RX\_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=1, lqi=247]]]

2017-05-28 16:04:45.890 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 11 01 29 D3 68 07 00 4B 12 00 C3 1E DA 00 00 26 18 84 76 93 35 01 01 F7 B5)

2017-05-28 16:04:45.891 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 11 01 29 D3 68 07 00 4B 12 00 C3 1E DA 00 00 26 18 84 76 93 35 01 01 F7 B5, checksum=B5, error=false

2017-05-28 16:04:45.894 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS, neighborTableEntries=18, startIndex=17, neighborTableListCount=1, neighborTableList=[NeighborTable [extendedPanId=00124B000768D329, extendedAddress=8418260000DA1EC3, networkAddress=37750, deviceType=ROUTER, rxOnWhenIdle=RX\_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=1, lqi=247]]]

2017-05-28 16:04:45.896 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <- AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:04:45.943 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- ZToolPacket (FE 0D 45 81 00 AE E6 51 10 01 88 17 00 55 9C 10 00 87)

2017-05-28 16:04:45.944 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=13, apiId=45 81, data=FE 0D 45 81 00 AE E6 51 10 01 88 17 00 55 9C 10 00 87, checksum=87, error=false

2017-05-28 16:04:45.946 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: IeeeAddressResponse [40021/0 -> 0/0, cluster=8001, TID=NULL, status=SUCCESS, ieeeAddrRemoteDev=001788011051E6AE, nwkAddrRemoteDev=40021, numAssocDev=0, startIndex=null, nwkAddrAssocDevList=[]]

2017-05-28 16:04:45.950 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD: ManagementRoutingRequest [0/0 -> 40021/0, cluster=0032, TID=BB, startIndex=0]

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2017-05-28 16:04:45.952 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 32 00 BB 30 1F 02 00 00 44, checksum=44, error=false)
2017-05-28 16:04:45.953 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 16 45 FF 55 9C 00 01 80 00 00 00 00 00 AE E6 51 10 01 88 17 00 55 9C 00
00 BA)
2017-05-28 16:04:45.954 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=22, apiId=45 FF, data=FE 16 45 FF 55 9C 00 01 80 00
00 00 00 00 AE E6 51 10 01 88 17 00 55 9C 00 00 BA, checksum=BA, error=false
2017-05-28 16:04:45.956 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
IeeeAddressResponse [40021/0 -> 0/0, cluster=8001, TID=NULL, status=SUCCESS,
ieeeAddrRemoteDev=001788011051E6AE, nwkAddrRemoteDev=40021, numAssocDev=0,
startIndex=null, nwkAddrAssocDevList=[]]
2017-05-28 16:04:45.974 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:46.020 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 10 45 B2 55 9C 00 02 00 02 00 00 00 00 00 04 EB 00 04 EB 2E)
2017-05-28 16:04:46.021 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=16, apiId=45 B2, data=FE 10 45 B2 55 9C 00 02 00 02
00 00 00 00 04 EB 00 04 EB 2E, checksum=2E, error=false
2017-05-28 16:04:46.022 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementRoutingResponse [40021/0 -> 0/0, cluster=8032, TID=NULL, status=SUCCESS,
routingTableEntries=2, startIndex=0, routingTableListCount=2,
routingTableList=[RoutingTable [destinationAddress=0, status=ACTIVE,
memoryConstrained=false, manyToOne=false, routeRecordRequired=false, nextHopAddress=0],
RoutingTable [destinationAddress=60164, status=ACTIVE, memoryConstrained=false,
manyToOne=false, routeRecordRequired=false, nextHopAddress=60164]]]
2017-05-28 16:04:46.026 [DEBUG] [ng.zigbee.handler.ZigBeeThingHandler] -
001788011051E6AE: Node updated - IEEE=001788011051E6AE, NWK=9C55, Type=ROUTER
2017-05-28 16:04:46.026 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 17 45 FF 55 9C 00 32 80 00 00 00 00 00 02 00 02 00 00 00 00 04 EB 00
04 EB D6)
2017-05-28 16:04:46.030 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=23, apiId=45 FF, data=FE 17 45 FF 55 9C 00 32 80 00
00 00 00 00 02 00 02 00 00 00 00 00 04 EB 00 04 EB D6, checksum=D6, error=false
2017-05-28 16:04:46.032 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementRoutingResponse [40021/0 -> 0/0, cluster=8032, TID=NULL, status=SUCCESS,
routingTableEntries=2, startIndex=0, routingTableListCount=2,
routingTableList=[RoutingTable [destinationAddress=0, status=ACTIVE,
memoryConstrained=false, manyToOne=false, routeRecordRequired=false, nextHopAddress=0],
RoutingTable [destinationAddress=60164, status=ACTIVE, memoryConstrained=false,
manyToOne=false, routeRecordRequired=false, nextHopAddress=60164]]]
2017-05-28 16:04:46.032 [DEBUG] [ee.internal.ZigBeeNetworkMeshMonitor] - 40021: Ending
mesh update
2017-05-28 16:04:46.982 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
IeeeAddressRequest [0/0 -> 62239/0, cluster=0001, TID=BC, nwkAddrOfInterest=62239,
requestType=1, startIndex=0]
2017-05-28 16:04:46.994 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 1F F3
00 00 01 00 BC 30 1F 05 00 1F F3 01 00 BC, checksum=BC, error=false)
2017-05-28 16:04:47.020 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:04:52.067 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000DA1EC3: Manufacturer request timeout
2017-05-28 16:04:52.075 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync
request: ZclAttribute [id=5, name=ModelIdentifier, dataType=CHARACTER_STRING,
lastValue=Flex RGBW]
2017-05-28 16:04:52.078 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ReadAttributesCommand [Basic: 0/0 -> 37750/3, cluster=0000, TID=BD,
identifiers=[Attribute Identifier: attributeIdentifier=5]]
2017-05-28 16:04:52.078 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
001788011051E6AE: Manufacturer request timeout
2017-05-28 16:04:52.078 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000D9959B: Manufacturer request timeout
```

2017-05-28 16:04:52.080 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=5, name=ModelIdentifier, dataType=CHARACTER\_STRING,  
lastValue=LCT007]

2017-05-28 16:04:52.081 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 76 93  
03 01 00 00 BD 30 1F 05 00 BD 00 05 00 E2, checksum=E2, error=false)

2017-05-28 16:04:52.082 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 40021/11, cluster=0000, TID=BE,  
identifiers=[Attribute Identifier: attributeIdentifier=5]]

2017-05-28 16:04:52.082 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=5, name=ModelIdentifier, dataType=CHARACTER\_STRING,  
lastValue=Classic A60 TW]

2017-05-28 16:04:52.086 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 60164/3, cluster=0000, TID=BF,  
identifiers=[Attribute Identifier: attributeIdentifier=5]]

2017-05-28 16:04:52.110 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:04:52.112 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 04 EB  
03 01 00 00 BF 30 1F 05 00 BF 00 05 00 E8, checksum=E8, error=false)

2017-05-28 16:04:52.144 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:04:52.146 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 55 9C  
0B 01 00 00 BE 30 1F 05 00 BE 00 05 00 C6, checksum=C6, error=false)

2017-05-28 16:04:52.181 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:04:52.210 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_DATA\_CONFIRM (FE 03 44 80 00 01 BE 78)

2017-05-28 16:04:52.211 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=190)

2017-05-28 16:04:52.222 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_INCOMING\_MSG (FE 22 44 81 00 00 00 00 55 9C 0B 01 00 04 E 00 0F 77 17 00 00 0E 18 BE  
01 05 00 00 42 06 4C 43 54 30 30 37 55 9C 1D 55)

2017-05-28 16:04:52.224 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=34, apiId=44 81, data=FE 22 44 81 00 00 00 00 55 9C  
0B 01 00 04 E 00 0F 77 17 00 00 0E 18 BE 01 05 00 00 42 06 4C 43 54 30 30 37 55 9C 1D 55,  
checksum=55, error=false

2017-05-28 16:04:52.226 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ReadAttributesResponse [Basic: 40021/11 -> 0/1, cluster=0000, TID=BE, records=[Read  
Attribute Status Record: attributeDataType=CHARACTER\_STRING, attributeIdentifier=5,  
status=0, attributeValue=LCT007]]

2017-05-28 16:04:52.365 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_DATA\_CONFIRM (FE 03 44 80 00 01 BD 7B)

2017-05-28 16:04:52.367 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=189)

2017-05-28 16:04:52.400 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_INCOMING\_MSG (FE 25 44 81 00 00 00 00 76 93 03 01 00 1A 00 20 79 17 00 00 11 08 BD  
01 05 00 00 42 09 46 6C 65 78 20 52 47 42 57 76 93 1D 57)

2017-05-28 16:04:52.402 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=37, apiId=44 81, data=FE 25 44 81 00 00 00 00 76 93  
03 01 00 1A 00 20 79 17 00 00 11 08 BD 01 05 00 00 42 09 46 6C 65 78 20 52 47 42 57 76  
93 1D 57, checksum=57, error=false

2017-05-28 16:04:52.404 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ReadAttributesResponse [Basic: 37750/3 -> 0/1, cluster=0000, TID=BD, records=[Read  
Attribute Status Record: attributeDataType=CHARACTER\_STRING, attributeIdentifier=5,  
status=0, attributeValue=Flex RGBW]]

2017-05-28 16:04:52.553 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_DATA\_CONFIRM (FE 03 44 80 00 01 BF 79)

2017-05-28 16:04:52.555 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=191)

2017-05-28 16:04:52.598 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_INCOMING\_MSG (FE 2A 44 81 00 00 00 00 04 EB 03 01 00 00 00 84 7B 17 00 00 16 08 BF  
01 05 00 00 42 0E 43 6C 61 73 73 69 63 20 41 36 30 20 54 57 04 EB 1D F1)



2017-05-28 16:04:52.599 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=42, apiId=44 81, data=FE 2A 44 81 00 00 00 04 EB  
03 01 00 00 84 7B 17 00 00 16 08 BF 01 05 00 00 42 0E 43 6C 61 73 73 69 63 20 41 36  
30 20 54 57 04 EB 1D F1, checksum=F1, error=false

2017-05-28 16:04:52.601 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ReadAttributesResponse [Basic: 60164/3 -> 0/1, cluster=0000, TID=BF, records=[Read  
Attribute Status Record: attributeDataType=CHARACTER\_STRING, attributeIdentifier=5,  
status=0, attributeValue=Classic A60 TW]]

2017-05-28 16:04:57.022 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - Ieee Address  
for 62239 returned null

2017-05-28 16:04:57.023 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - 62239:  
Discovery request IEEE ADDRESS failed. Wait before retry.

2017-05-28 16:04:58.525 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
IeeeAddressRequest [0/0 -> 62239/0, cluster=0001, TID=C0, nwkAddrOfInterest=62239,  
requestType=1, startIndex=0]

2017-05-28 16:04:58.535 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 1F F3  
00 00 01 00 C0 30 1F 05 00 1F F3 01 00 C0, checksum=C0, error=false)

2017-05-28 16:04:58.563 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:05:02.113 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -  
8418260000DA1EC3: Model request timeout

2017-05-28 16:05:02.115 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=3, name=HWVersion, dataType=UNSIGNED\_8\_BIT\_INTEGER,  
lastValue=1]

2017-05-28 16:05:02.117 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 37750/3, cluster=0000, TID=C1,  
identifiers=[Attribute Identifier: attributeIdentifier=3]]

2017-05-28 16:05:02.117 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -  
8418260000D9959B: Model request timeout

2017-05-28 16:05:02.119 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=3, name=HWVersion, dataType=UNSIGNED\_8\_BIT\_INTEGER,  
lastValue=1]

2017-05-28 16:05:02.119 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 76 93  
03 01 00 00 C1 30 1F 05 00 C1 00 03 00 E4, checksum=E4, error=false)

2017-05-28 16:05:02.120 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -  
001788011051E6AE: Model request timeout

2017-05-28 16:05:02.120 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 60164/3, cluster=0000, TID=C2,  
identifiers=[Attribute Identifier: attributeIdentifier=3]]

2017-05-28 16:05:02.122 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=3, name=HWVersion, dataType=UNSIGNED\_8\_BIT\_INTEGER,  
lastValue=17]

2017-05-28 16:05:02.124 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 40021/11, cluster=0000, TID=C3,  
identifiers=[Attribute Identifier: attributeIdentifier=3]]

2017-05-28 16:05:02.149 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:05:02.151 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 55 9C  
0B 01 00 00 C3 30 1F 05 00 C3 00 03 00 C0, checksum=C0, error=false)

2017-05-28 16:05:02.180 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:05:02.182 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 04 EB  
03 01 00 00 C2 30 1F 05 00 C2 00 03 00 EE, checksum=EE, error=false)

2017-05-28 16:05:02.208 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_DATA\_CONFIRM (FE 03 44 80 00 01 C3 05)

2017-05-28 16:05:02.209 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=195)

2017-05-28 16:05:02.228 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_INCOMING\_MSG (FE 1C 44 81 00 00 00 55 9C 0B 01 00 51 00 1A F1 17 00 00 08 18 C3  
01 03 00 00 20 11 55 9C 1D 83)

```
2017-05-28 16:05:02.229 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 55 9C
0B 01 00 51 00 1A F1 17 00 00 08 18 C3 01 03 00 00 20 11 55 9C 1D 83, checksum=83,
error=false
2017-05-28 16:05:02.231 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ReadAttributesResponse [Basic: 40021/11 -> 0/1, cluster=0000, TID=C3, records=[Read
Attribute Status Record: attributeDataType=UNSIGNED_8_BIT_INTEGER,
attributeIdentifier=3, status=0, attributeValue=17]]
2017-05-28 16:05:02.240 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:02.401 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
AF_DATA_CONFIRM (FE 03 44 80 00 01 C1 07)
2017-05-28 16:05:02.404 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: AF_DATA_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=193)
2017-05-28 16:05:02.421 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
AF_INCOMING_MSG (FE 1C 44 81 00 00 00 00 76 93 03 01 00 1C 00 76 F3 17 00 00 08 08 C1
01 03 00 00 20 01 76 93 1D AA)
2017-05-28 16:05:02.423 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 76 93
03 01 00 1C 00 76 F3 17 00 00 08 08 C1 01 03 00 00 20 01 76 93 1D AA, checksum=AA,
error=false
2017-05-28 16:05:02.427 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ReadAttributesResponse [Basic: 37750/3 -> 0/1, cluster=0000, TID=C1, records=[Read
Attribute Status Record: attributeDataType=UNSIGNED_8_BIT_INTEGER,
attributeIdentifier=3, status=0, attributeValue=1]]
2017-05-28 16:05:02.585 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
AF_DATA_CONFIRM (FE 03 44 80 00 01 C2 04)
2017-05-28 16:05:02.588 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: AF_DATA_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=194)
2017-05-28 16:05:02.605 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
AF_INCOMING_MSG (FE 1C 44 81 00 00 00 00 04 EB 03 01 00 00 00 B3 F5 17 00 00 08 08 C2
01 03 00 00 20 01 04 EB 1D 76)
2017-05-28 16:05:02.607 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 04 EB
03 01 00 00 00 B3 F5 17 00 00 08 08 C2 01 03 00 00 20 01 04 EB 1D 76, checksum=76,
error=false
2017-05-28 16:05:02.610 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ReadAttributesResponse [Basic: 60164/3 -> 0/1, cluster=0000, TID=C2, records=[Read
Attribute Status Record: attributeDataType=UNSIGNED_8_BIT_INTEGER,
attributeIdentifier=3, status=0, attributeValue=1]]
2017-05-28 16:05:08.565 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - Ieee Address
for 62239 returned null
2017-05-28 16:05:08.567 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - 62239:
Discovery request IEEE_ADDRESS failed. Wait before retry.
2017-05-28 16:05:10.070 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
IeeeAddressRequest [0/0 -> 62239/0, cluster=0001, TID=C4, nwAddrOfInterest=62239,
requestType=1, startIndex=0]
2017-05-28 16:05:10.073 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 1F F3
00 00 01 00 C4 30 1F 05 00 1F F3 01 00 C4, checksum=C4, error=false)
2017-05-28 16:05:10.103 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:12.151 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000DA1EC3: Hardware version request timeout
2017-05-28 16:05:12.153 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync
request: ZclAttribute [id=2, name=StackVersion, dataType=UNSIGNED_8_BIT_INTEGER,
lastValue=2]
2017-05-28 16:05:12.156 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
001788011051E6AE: Hardware version request timeout
2017-05-28 16:05:12.156 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -
8418260000D9959B: Hardware version request timeout
2017-05-28 16:05:12.157 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync
request: ZclAttribute [id=2, name=StackVersion, dataType=UNSIGNED_8_BIT_INTEGER,
lastValue=1]
```

2017-05-28 16:05:12.158 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync request: ZclAttribute [id=2, name=StackVersion, dataType=UNSIGNED\_8\_BIT\_INTEGER, lastValue=2]

2017-05-28 16:05:12.160 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD: ReadAttributesCommand [Basic: 0/0 -> 40021/11, cluster=0000, TID=C6, identifiers=[Attribute Identifier: attributeIdentifier=2]]

2017-05-28 16:05:12.163 [DEBUG] [31.network.impl.CommandInterfaceImpl] - -> AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 55 9C 0B 01 00 00 C6 30 1F 05 00 C6 00 02 00 C1, checksum=C1, error=false)

2017-05-28 16:05:12.158 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD: ReadAttributesCommand [Basic: 0/0 -> 37750/3, cluster=0000, TID=C5, identifiers=[Attribute Identifier: attributeIdentifier=2]]

2017-05-28 16:05:12.161 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD: ReadAttributesCommand [Basic: 0/0 -> 60164/3, cluster=0000, TID=C7, identifiers=[Attribute Identifier: attributeIdentifier=2]]

2017-05-28 16:05:12.188 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <- AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:05:12.190 [DEBUG] [31.network.impl.CommandInterfaceImpl] - -> AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 76 93 03 01 00 00 C5 30 1F 05 00 C5 00 02 00 E5, checksum=E5, error=false)

2017-05-28 16:05:12.209 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_DATA\_CONFIRM (FE 03 44 80 00 01 C6 00)

2017-05-28 16:05:12.212 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=198)

2017-05-28 16:05:12.220 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_INCOMING\_MSG (FE 1C 44 81 00 00 00 00 55 9C 0B 01 00 54 00 32 6B 18 00 00 08 18 C6 01 02 00 00 20 01 55 9C 1D 2F)

2017-05-28 16:05:12.223 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 55 9C 0B 01 00 54 00 32 6B 18 00 00 08 18 C6 01 02 00 00 20 01 55 9C 1D 2F, checksum=2F, error=false

2017-05-28 16:05:12.226 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ReadAttributesResponse [Basic: 40021/11 -> 0/1, cluster=0000, TID=C6, records=[Read Attribute Status Record: attributeDataType=UNSIGNED\_8\_BIT\_INTEGER, attributeIdentifier=2, status=0, attributeValue=1]]

2017-05-28 16:05:12.240 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <- AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:05:12.242 [DEBUG] [31.network.impl.CommandInterfaceImpl] - -> AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 04 EB 03 01 00 00 C7 30 1F 05 00 C7 00 02 00 EF, checksum=EF, error=false)

2017-05-28 16:05:12.275 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <- AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:05:12.456 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_DATA\_CONFIRM (FE 03 44 80 00 01 C5 03)

2017-05-28 16:05:12.457 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=197)

2017-05-28 16:05:12.485 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_INCOMING\_MSG (FE 1C 44 81 00 00 00 00 76 93 03 01 00 12 00 4E 6E 18 00 00 08 08 C5 01 02 00 00 20 02 76 93 1D 08)

2017-05-28 16:05:12.486 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 76 93 03 01 00 12 00 4E 6E 18 00 00 08 08 C5 01 02 00 00 20 02 76 93 1D 08, checksum=08, error=false

2017-05-28 16:05:12.489 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD: ReadAttributesResponse [Basic: 37750/3 -> 0/1, cluster=0000, TID=C5, records=[Read Attribute Status Record: attributeDataType=UNSIGNED\_8\_BIT\_INTEGER, attributeIdentifier=2, status=0, attributeValue=2]]

2017-05-28 16:05:12.565 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_DATA\_CONFIRM (FE 03 44 80 00 01 C7 01)

2017-05-28 16:05:12.567 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=199)

2017-05-28 16:05:12.650 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-- AF\_INCOMING\_MSG (FE 1C 44 81 00 00 00 00 04 EB 03 01 00 00 00 55 70 18 00 00 08 08 C7 01 02 00 00 20 02 04 EB 1D 1D)

2017-05-28 16:05:12.651 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 04 EB  
03 01 00 00 00 55 70 18 00 00 08 08 C7 01 02 00 00 20 02 04 EB 1D 1D, checksum=1D,  
error=false

2017-05-28 16:05:12.653 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ReadAttributesResponse [Basic: 60164/3 -> 0/1, cluster=0000, TID=C7, records=[Read  
Attribute Status Record: attributeDataType=UNSIGNED\_8\_BIT\_INTEGER,  
attributeIdentifier=2, status=0, attributeValue=2]]

2017-05-28 16:05:20.106 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - Ieee Address  
for 62239 returned null

2017-05-28 16:05:20.108 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - 62239:  
Discovery request IEEE ADDRESS failed. Wait before retry.

2017-05-28 16:05:21.609 [DEBUG] [bee.internal.ZigBeeNetworkDiscoverer] - 62239: Ending  
node discovery

2017-05-28 16:05:22.190 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -  
001788011051E6AE: Stack version request timeout

2017-05-28 16:05:22.192 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=0, name=ZCLVersion, dataType=UNSIGNED\_8\_BIT\_INTEGER,  
lastValue=1]

2017-05-28 16:05:22.194 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 40021/11, cluster=0000, TID=C8,  
identifiers=[Attribute Identifier: attributeIdentifier=0]]

2017-05-28 16:05:22.195 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -  
8418260000D9959B: Stack version request timeout

2017-05-28 16:05:22.196 [DEBUG] [scovery.ZigBeeNodePropertyDiscoverer] -  
8418260000DA1EC3: Stack version request timeout

2017-05-28 16:05:22.197 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=0, name=ZCLVersion, dataType=UNSIGNED\_8\_BIT\_INTEGER,  
lastValue=1]

2017-05-28 16:05:22.198 [DEBUG] [.zsmartsystems.zigbee.zcl.ZclCluster] - readSync  
request: ZclAttribute [id=0, name=ZCLVersion, dataType=UNSIGNED\_8\_BIT\_INTEGER,  
lastValue=1]

2017-05-28 16:05:22.196 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 55 9C  
0B 01 00 00 C8 30 1F 05 00 C8 00 00 00 C3, checksum=C3, error=false)

2017-05-28 16:05:22.198 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 60164/3, cluster=0000, TID=C9,  
identifiers=[Attribute Identifier: attributeIdentifier=0]]

2017-05-28 16:05:22.202 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ReadAttributesCommand [Basic: 0/0 -> 37750/3, cluster=0000, TID=CA,  
identifiers=[Attribute Identifier: attributeIdentifier=0]]

2017-05-28 16:05:22.225 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

2017-05-28 16:05:22.227 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 76 93  
03 01 00 00 CA 30 1F 05 00 CA 00 00 00 E7, checksum=E7, error=false)

2017-05-28 16:05:22.248 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_DATA\_CONFIRM (FE 03 44 80 00 01 C8 0E)

2017-05-28 16:05:22.249 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: AF\_DATA\_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=200)

2017-05-28 16:05:22.268 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
AF\_INCOMING\_MSG (FE 1C 44 81 00 00 00 00 55 9C 0B 01 00 54 00 B7 E5 18 00 00 08 18 C8  
01 00 00 00 20 01 55 9C 1D 28)

2017-05-28 16:05:22.269 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 55 9C  
0B 01 00 54 00 B7 E5 18 00 00 08 18 C8 01 00 00 00 20 01 55 9C 1D 28, checksum=28,  
error=false

2017-05-28 16:05:22.271 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ReadAttributesResponse [Basic: 40021/11 -> 0/1, cluster=0000, TID=C8, records=[Read  
Attribute Status Record: attributeDataType=UNSIGNED\_8\_BIT\_INTEGER,  
attributeIdentifier=0, status=0, attributeValue=1]]

2017-05-28 16:05:22.276 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)

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2017-05-28 16:05:22.278 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 04 EB
03 01 00 00 C9 30 1F 05 00 C9 00 00 00 ED, checksum=ED, error=false)
2017-05-28 16:05:22.311 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:22.553 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
AF_DATA_CONFIRM (FE 03 44 80 00 01 C9 0F)
2017-05-28 16:05:22.557 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: AF_DATA_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=201)
2017-05-28 16:05:22.573 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
AF_DATA_CONFIRM (FE 03 44 80 00 01 CA 0C)
2017-05-28 16:05:22.577 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: AF_DATA_CONFIRM(Endpoint=1, Status=SUCCESS(0), TransID=202)
2017-05-28 16:05:22.606 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
AF_INCOMING_MSG (FE 1C 44 81 00 00 00 00 76 93 03 01 00 0F 00 DD E9 18 00 00 08 08 CA
01 00 00 00 20 01 76 93 1D 0F)
2017-05-28 16:05:22.611 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=44 81, data=FE 1C 44 81 00 00 00 00 76 93
03 01 00 0F 00 DD E9 18 00 00 08 08 CA 01 00 00 00 20 01 76 93 1D 0F, checksum=0F,
error=false
2017-05-28 16:05:22.615 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ReadAttributesResponse [Basic: 37750/3 -> 0/1, cluster=0000, TID=CA, records=[Read
Attribute Status Record: attributeDataType=UNSIGNED_8_BIT_INTEGER,
attributeIdentifier=0, status=0, attributeValue=1]]
2017-05-28 16:05:28.505 [DEBUG] [ee.internal.ZigBeeNetworkMeshMonitor] - 0: Starting
mesh update
2017-05-28 16:05:28.506 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 0/0, cluster=0031, TID=CB, startIndex=0]
2017-05-28 16:05:28.508 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 00 00
00 00 31 00 CB 30 1F 02 00 00 FE, checksum=FE, error=false)
2017-05-28 16:05:28.526 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:28.542 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 48 45 B1 00 00 00 04 00 03 29 D3 68 07 00 4B 12 00 9B 95 D9 00 00 26 18
84 04 EB 15 02 01 01 29 D3 68 07 00 4B 12 00 AE E6 51 10 01 88 17 00 55 9C 15 02 01 51
29 D3 68 07 00 4B 12 00 C3 1E DA 00 00 26 18 84 76 93 15 02 01 10 A5)
2017-05-28 16:05:28.544 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=72, apiId=45 B1, data=FE 48 45 B1 00 00 00 04 00 03
29 D3 68 07 00 4B 12 00 9B 95 D9 00 00 26 18 84 04 EB 15 02 01 01 29 D3 68 07 00 4B 12
00 AE E6 51 10 01 88 17 00 55 9C 15 02 01 51 29 D3 68 07 00 4B 12 00 C3 1E DA 00 00 26
18 84 76 93 15 02 01 10 A5, checksum=A5, error=false
2017-05-28 16:05:28.549 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [0/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=4, startIndex=0, neighborTableListCount=3,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=8418260000D9959B, networkAddress=60164, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=CHILD, permitJoining=UNKNOWN, depth=1, lqi=1],
NeighborTable [extendedPanId=00124B000768D329, extendedAddress=001788011051E6AE,
networkAddress=40021, deviceType=ROUTER, rxOnWhenIdle=RX_ON, relationship=CHILD,
permitJoining=UNKNOWN, depth=1, lqi=81], NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=8418260000DA1EC3, networkAddress=37750, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=CHILD, permitJoining=UNKNOWN, depth=1, lqi=16]]]
2017-05-28 16:05:28.558 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 0/0, cluster=0031, TID=CC, startIndex=3]
2017-05-28 16:05:28.560 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 00 00
00 00 31 00 CC 30 1F 02 00 03 FA, checksum=FA, error=false)
2017-05-28 16:05:28.568 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 4F 45 FF 00 00 00 31 80 00 00 00 00 04 00 03 29 D3 68 07 00 4B 12 00
9B 95 D9 00 00 26 18 84 04 EB 15 02 01 01 29 D3 68 07 00 4B 12 00 AE E6 51 10 01 88 17
00 55 9C 15 02 01 51 29 D3 68 07 00 4B 12 00 C3 1E DA 00 00 26 18 84 76 93 15 02 01 10
5D)
2017-05-28 16:05:28.575 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=79, apiId=45 FF, data=FE 4F 45 FF 00 00 00 31 80 00
```

00 00 00 00 04 00 03 29 D3 68 07 00 4B 12 00 9B 95 D9 00 00 26 18 84 04 EB 15 02 01 01  
29 D3 68 07 00 4B 12 00 AE E6 51 10 01 88 17 00 55 9C 15 02 01 51 29 D3 68 07 00 4B 12  
00 C3 1E DA 00 00 26 18 84 76 93 15 02 01 10 5D, checksum=5D, error=false  
2017-05-28 16:05:28.582 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ManagementLqiResponse [0/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,  
neighborTableEntries=4, startIndex=0, neighborTableListCount=3,  
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,  
extendedAddress=8418260000D9959B, networkAddress=60164, deviceType=ROUTER,  
rxOnWhenIdle=RX\_ON, relationship=CHILD, permitJoining=UNKNOWN, depth=1, lqi=1]],  
NeighborTable [extendedPanId=00124B000768D329, extendedAddress=001788011051E6AE,  
networkAddress=40021, deviceType=ROUTER, rxOnWhenIdle=RX\_ON, relationship=CHILD,  
permitJoining=UNKNOWN, depth=1, lqi=81]], NeighborTable [extendedPanId=00124B000768D329,  
extendedAddress=8418260000DA1EC3, networkAddress=37750, deviceType=ROUTER,  
rxOnWhenIdle=RX\_ON, relationship=CHILD, permitJoining=UNKNOWN, depth=1, lqi=16]]]  
2017-05-28 16:05:28.591 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)  
2017-05-28 16:05:28.596 [DEBUG] [ee.internal.ZigBeeNetworkMeshMonitor] - 60164:  
Starting mesh update  
2017-05-28 16:05:28.599 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
IeeeAddressRequest [0/0 -> 0/0, cluster=0001, TID=CD, nwkAddrOfInterest=0,  
requestType=1, startIndex=0]  
2017-05-28 16:05:28.602 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:  
ManagementLqiRequest [0/0 -> 60164/0, cluster=0031, TID=CE, startIndex=0]  
2017-05-28 16:05:28.602 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
ZToolPacket (FE 1C 45 B1 00 00 00 04 03 01 29 D3 68 07 00 4B 12 00 36 53 30 FE FF 57 0B  
00 1F F3 15 02 01 AA 7A)  
2017-05-28 16:05:28.604 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 00 00 00 04 03 01  
29 D3 68 07 00 4B 12 00 36 53 30 FE FF 57 0B 00 1F F3 15 02 01 AA 7A, checksum=7A,  
error=false  
2017-05-28 16:05:28.605 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=15, apiId=24 01, data=FE 0F 24 01 00 00  
00 00 01 00 CD 30 1F 05 00 00 00 01 00 CD, checksum=CD, error=false)  
2017-05-28 16:05:28.607 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ManagementLqiResponse [0/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,  
neighborTableEntries=4, startIndex=3, neighborTableListCount=1,  
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,  
extendedAddress=000B57FFFE305336, networkAddress=62239, deviceType=ROUTER,  
rxOnWhenIdle=RX\_ON, relationship=CHILD, permitJoining=UNKNOWN, depth=1, lqi=170]]]  
2017-05-28 16:05:28.621 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
ZToolPacket (FE 23 45 FF 00 00 00 31 80 00 00 00 00 04 03 01 29 D3 68 07 00 4B 12 00  
36 53 30 FE FF 57 0B 00 1F F3 15 02 01 AA BA)  
2017-05-28 16:05:28.623 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 00 00 00 31 80 00  
00 00 00 04 03 01 29 D3 68 07 00 4B 12 00 36 53 30 FE FF 57 0B 00 1F F3 15 02 01 AA  
BA, checksum=BA, error=false  
2017-05-28 16:05:28.626 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
ManagementLqiResponse [0/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,  
neighborTableEntries=4, startIndex=3, neighborTableListCount=1,  
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,  
extendedAddress=000B57FFFE305336, networkAddress=62239, deviceType=ROUTER,  
rxOnWhenIdle=RX\_ON, relationship=CHILD, permitJoining=UNKNOWN, depth=1, lqi=170]]]  
2017-05-28 16:05:28.632 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-  
AF\_DATA\_SRSP (FE 01 64 01 00 64)  
2017-05-28 16:05:28.636 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->  
AF\_DATA\_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 04 EB  
00 00 31 00 CE 30 1F 02 00 00 14, checksum=14, error=false)  
2017-05-28 16:05:28.642 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--  
ZToolPacket (FE 15 45 81 00 29 D3 68 07 00 4B 12 00 00 00 04 04 EB 55 9C 76 93 1F F3  
36)  
2017-05-28 16:05:28.644 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async  
Cmd: Packet: subsystem=null, length=21, apiId=45 81, data=FE 15 45 81 00 29 D3 68 07 00  
4B 12 00 00 00 04 04 EB 55 9C 76 93 1F F3 36, checksum=36, error=false  
2017-05-28 16:05:28.647 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:  
IeeeAddressResponse [0/0 -> 0/0, cluster=8001, TID=NULL, status=SUCCESS,

```
ieeeAddrRemoteDev=00124B000768D329, nwkAddrRemoteDev=0, numAssocDev=4, startIndex=0,
nwkAddrAssocDevList=[60164, 40021, 37750, 62239]]
2017-05-28 16:05:28.650 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementRoutingRequest [0/0 -> 0/0, cluster=0032, TID=CF, startIndex=0]
2017-05-28 16:05:28.652 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1E 45 FF 00 00 00 01 80 00 00 00 00 29 D3 68 07 00 4B 12 00 00 00 04
00 04 EB 55 9C 76 93 1F F3 C2)
2017-05-28 16:05:28.653 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=30, apiId=45 FF, data=FE 1E 45 FF 00 00 00 01 80 00
00 00 00 29 D3 68 07 00 4B 12 00 00 00 04 00 04 EB 55 9C 76 93 1F F3 C2,
checksum=C2, error=false
2017-05-28 16:05:28.655 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
IeeeAddressResponse [0/0 -> 0/0, cluster=8001, TID=NULL, status=SUCCESS,
ieeeAddrRemoteDev=00124B000768D329, nwkAddrRemoteDev=0, numAssocDev=4, startIndex=0,
nwkAddrAssocDevList=[60164, 40021, 37750, 62239]]
2017-05-28 16:05:28.661 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:28.664 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 00 00
00 00 32 00 CF 30 1F 02 00 00 F9, checksum=F9, error=false)
2017-05-28 16:05:28.686 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:28.700 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 10 45 B2 00 00 00 02 00 02 76 93 00 76 93 04 EB 00 04 EB E7)
2017-05-28 16:05:28.702 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=16, apiId=45 B2, data=FE 10 45 B2 00 00 00 02 00 02
76 93 00 76 93 04 EB 00 04 EB E7, checksum=E7, error=false
2017-05-28 16:05:28.704 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementRoutingResponse [0/0 -> 0/0, cluster=8032, TID=NULL, status=SUCCESS,
routingTableEntries=2, startIndex=0, routingTableListCount=2,
routingTableList=[RoutingTable [destinationAddress=37750, status=ACTIVE,
memoryConstrained=false, manyToOne=false, routeRecordRequired=false,
nextHopAddress=37750], RoutingTable [destinationAddress=60164, status=ACTIVE,
memoryConstrained=false, manyToOne=false, routeRecordRequired=false,
nextHopAddress=60164]]]
2017-05-28 16:05:28.709 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 17 45 FF 00 00 00 32 80 00 00 00 00 02 00 02 76 93 00 76 93 04 EB 00
04 EB 1F)
2017-05-28 16:05:28.710 [DEBUG] [ee.internal.ZigBeeNetworkMeshMonitor] - 0: Ending mesh
update
2017-05-28 16:05:28.719 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=23, apiId=45 FF, data=FE 17 45 FF 00 00 00 32 80 00
00 00 00 02 00 02 76 93 00 76 93 04 EB 00 04 EB 1F, checksum=1F, error=false
2017-05-28 16:05:28.719 [DEBUG] [ee.internal.ZigBeeNetworkMeshMonitor] - 40021:
Starting mesh update
2017-05-28 16:05:28.722 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 40021/0, cluster=0031, TID=D0, startIndex=0]
2017-05-28 16:05:28.722 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementRoutingResponse [0/0 -> 0/0, cluster=8032, TID=NULL, status=SUCCESS,
routingTableEntries=2, startIndex=0, routingTableListCount=2,
routingTableList=[RoutingTable [destinationAddress=37750, status=ACTIVE,
memoryConstrained=false, manyToOne=false, routeRecordRequired=false,
nextHopAddress=37750], RoutingTable [destinationAddress=60164, status=ACTIVE,
memoryConstrained=false, manyToOne=false, routeRecordRequired=false,
nextHopAddress=60164]]]
2017-05-28 16:05:28.724 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 31 00 D0 30 1F 02 00 00 2C, checksum=2C, error=false)
2017-05-28 16:05:28.751 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:28.796 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1C 45 B1 55 9C 00 12 00 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12
00 00 00 05 01 00 FC CA)
2017-05-28 16:05:28.797 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 00 01
```





```
extendedAddress=0000000000000000, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:05:28.918 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1C 45 B1 55 9C 00 12 02 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12
00 00 00 05 01 00 00 34)
2017-05-28 16:05:28.920 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 02 01
29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 00 34, checksum=34,
error=false
2017-05-28 16:05:28.923 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=2, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:05:28.929 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 02 01 29 D3 68 07 00 4B 12 00
29 D3 68 07 00 4B 12 00 00 00 05 01 00 00 F4)
2017-05-28 16:05:28.931 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00
00 00 00 12 02 01 29 D3 68 07 00 4B 12 00 29 D3 68 07 00 4B 12 00 00 00 05 01 00 00
F4, checksum=F4, error=false
2017-05-28 16:05:28.933 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=2, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=00124B000768D329, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=PARENT, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:05:28.937 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:28.939 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 40021/0, cluster=0031, TID=D4, startIndex=4]
2017-05-28 16:05:28.941 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 31 00 D4 30 1F 02 00 04 2C, checksum=2C, error=false)
2017-05-28 16:05:28.983 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 1C 45 B1 55 9C 00 12 03 01 29 D3 68 07 00 4B 12 00 00 00 00 00 00 00
00 00 35 01 00 00 C9)
2017-05-28 16:05:28.985 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=28, apiId=45 B1, data=FE 1C 45 B1 55 9C 00 12 03 01
29 D3 68 07 00 4B 12 00 00 00 00 00 00 00 00 00 00 35 01 00 00 C9, checksum=C9,
error=false
2017-05-28 16:05:28.988 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=3, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=0000000000000000, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:05:28.997 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <--
ZToolPacket (FE 23 45 FF 55 9C 00 31 80 00 00 00 00 12 03 01 29 D3 68 07 00 4B 12 00
00 00 00 00 00 00 00 00 35 01 00 00 09)
2017-05-28 16:05:28.999 [DEBUG] [31.network.impl.CommandInterfaceImpl] - Received Async
Cmd: Packet: subsystem=null, length=35, apiId=45 FF, data=FE 23 45 FF 55 9C 00 31 80 00
00 00 00 12 03 01 29 D3 68 07 00 4B 12 00 00 00 00 00 00 00 00 00 35 01 00 00
09, checksum=09, error=false
2017-05-28 16:05:29.002 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - RX CMD:
ManagementLqiResponse [40021/0 -> 0/0, cluster=8031, TID=NULL, status=SUCCESS,
neighborTableEntries=18, startIndex=3, neighborTableListCount=1,
neighborTableList=[NeighborTable [extendedPanId=00124B000768D329,
extendedAddress=0000000000000000, networkAddress=0, deviceType=ROUTER,
rxOnWhenIdle=RX_ON, relationship=UNKNOWN, permitJoining=ENABLED, depth=0, lqi=0]]]
2017-05-28 16:05:29.007 [DEBUG] [31.network.impl.CommandInterfaceImpl] - <-
AF_DATA_SRSP (FE 01 64 01 00 64)
2017-05-28 16:05:29.010 [DEBUG] [tsystems.zigbee.ZigBeeNetworkManager] - TX CMD:
ManagementLqiRequest [0/0 -> 40021/0, cluster=0031, TID=D5, startIndex=5]
```

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2017-05-28 16:05:29.011 [DEBUG] [31.network.impl.CommandInterfaceImpl] - ->
AF_DATA_REQUEST (Packet: subsystem=null, length=12, apiId=24 01, data=FE 0C 24 01 55 9C
00 00 31 00 D5 30 1F 02 00 05 2C, checksum=2C, error=false)
```