DVS_NWSec_RAU_NIGHLTY Testsuite
working principle and logic

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Legend

Pre/Post Test | Test | Attention

Test suite **Name="ProjectEngineering" ProductName="ABTPro" ContinueAfterFailure="true" RetryAttempt="3"**

- ABTSiteSetup — Setup ABT site main settings before engineering.
- ProjectEngineeringTest — ProductName="ABT Pro" Covered devices are mentioned in ns01 TestBed (PXC3.E75A-2)

Test suite **ProductName="ABTPro" Devices="PXC" Transports="Ethernet" Protocol="IP" Addressings="StaticIP"**

- SetupABTSiteForTestRun — Prepare Project for testing by opening it and expanding the project tree Note: After opening the project it will connect to network based on **Transport , Protocol, Addressing,**

Test suite **ProductName="ABTPro" Devices="PXC3.E75A-2" Transports="Ethernet" Protocol="IP" Addressings="StaticIP"**

Each test will be executed for each device mentioned in **Devices=**

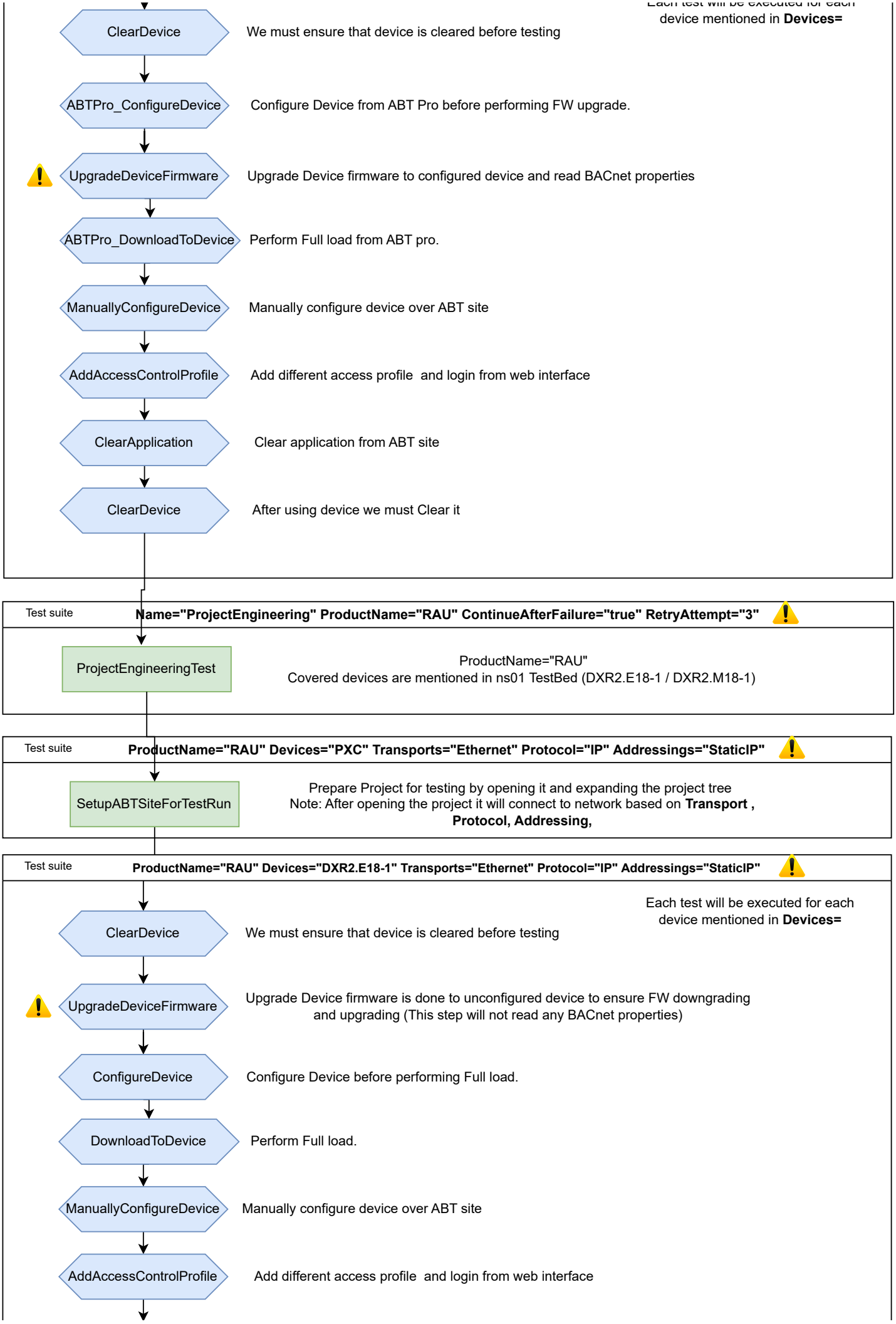
- ClearDevice — We must ensure that device is cleared before testing
- UpgradeDeviceFirmware — Upgrade Device firmware is done to unconfigured device to ensure FW downgrading and upgrading (This step will not read any BACnet properties)
- ABTPro_ConfigureDevice — Configure Device from ABT Pro before performing Full load.
- ABTPro_DownloadToDevice — Perform Full load from ABT pro.
- ManuallyConfigureDevice — Manually configure device over ABT site
- AddAccessControlProfile — Add different access profile and login from web interface
- ClearApplication — Clear application from ABT site
- ClearDevice — After using device we must Clear it

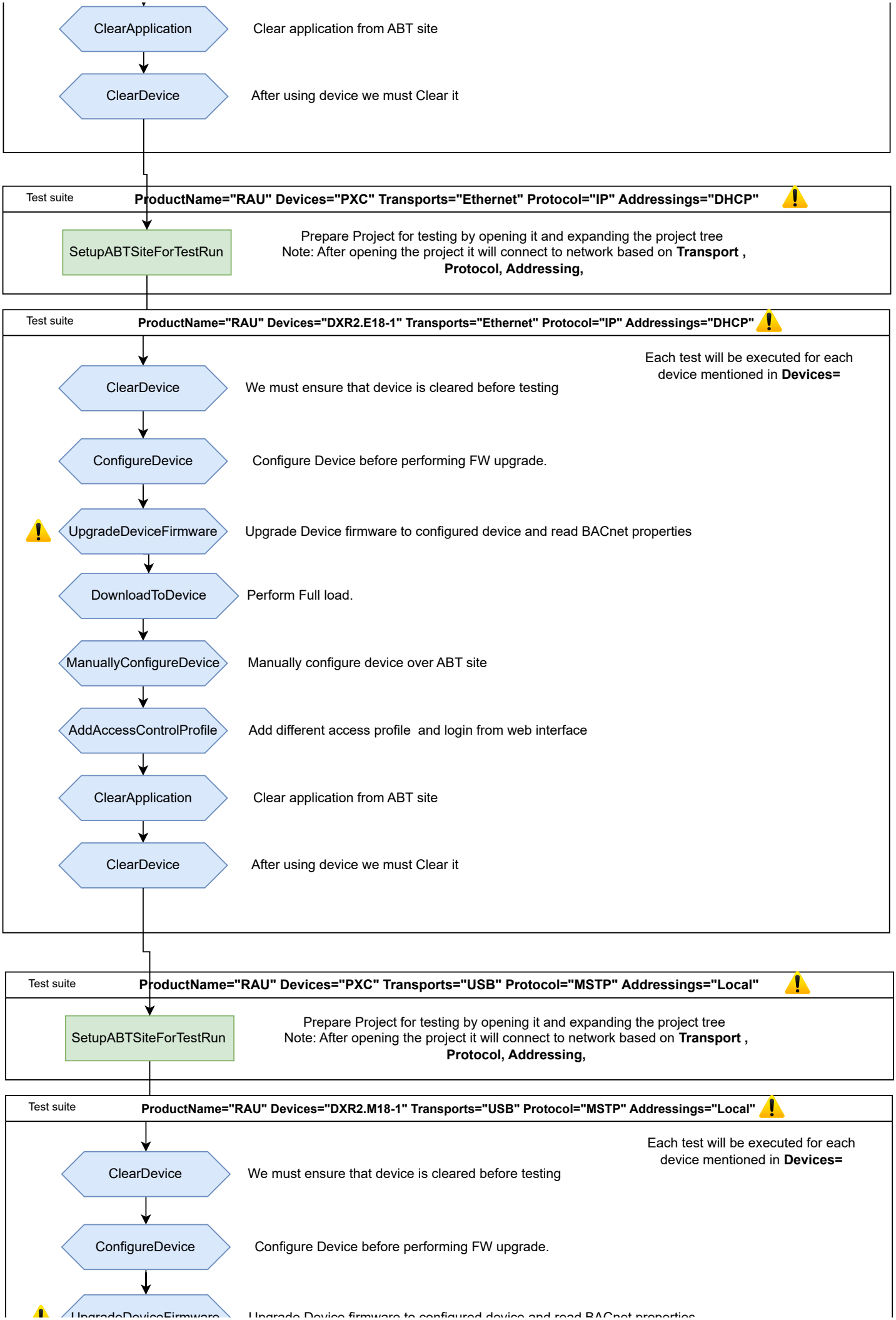
Test suite **ProductName="ABTPro" Devices="PXC" Transports="Ethernet" Protocol="IP" Addressings="DHCP"**

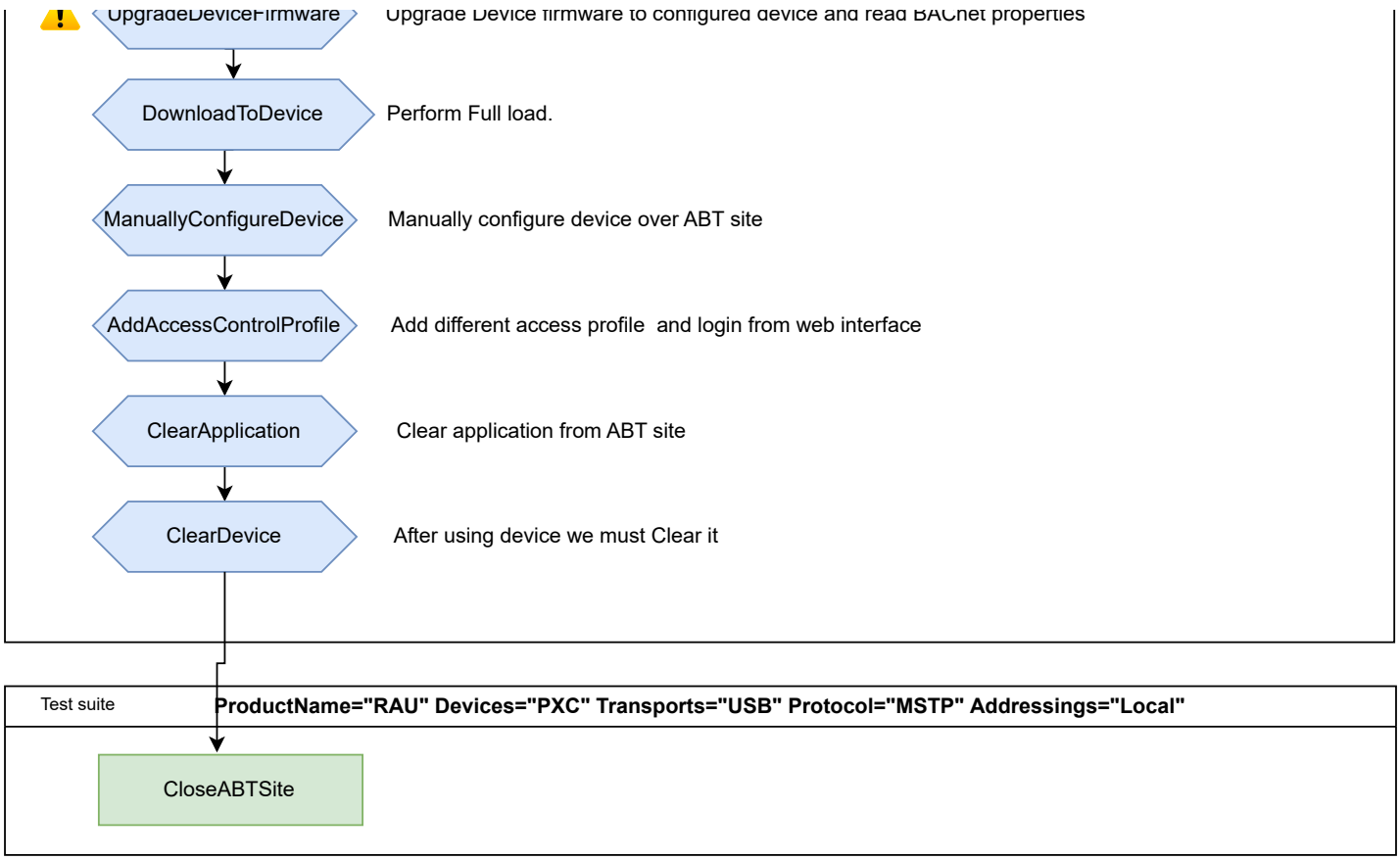
- SetupABTSiteForTestRun — Prepare Project for testing by opening it and expanding the project tree Note: After opening the project it will connect to network based on **Transport , Protocol, Addressing,**

Test suite **ProductName="ABTPro" Devices="PXC3.E75A-2" Transports="Ethernet" Protocol="IP" Addressings="DHCP**

Each test will be executed for each


Each test will be executed for each device mentioned in Devices=
ClearDevice
We must ensure that device is cleared before testing
ABTPro_ConfigureDevice
Configure Device from ABT Pro before performing FW upgrade.
UpgradeDeviceFirmware
Upgrade Device firmware to configured device and read BACnet properties
ABTPro_DownloadToDevice
Perform Full load from ABT pro.
ManuallyConfigureDevice
Manually configure device over ABT site
AddAccessControlProfile
Add different access profile and login from web interface
ClearApplication
Clear application from ABT site
ClearDevice
After using device we must Clear it
Test suite
Name="ProjectEngineering" ProductName="RAU" ContinueAfterFailure="true" RetryAttempt="3"
ProjectEngineeringTest
ProductName="RAU"
Covered devices are mentioned in ns01 TestBed (DXR2.E18-1 / DXR2.M18-1)
Test suite
ProductName="RAU" Devices="PXC" Transports="Ethernet" Protocol="IP" Addressings="StaticIP"
SetupABTSiteForTestRun
Prepare Project for testing by opening it and expanding the project tree
Note: After opening the project it will connect to network based on Transport , Protocol, Addressing,
Test suite
ProductName="RAU" Devices="DXR2.E18-1" Transports="Ethernet" Protocol="IP" Addressings="StaticIP"
Each test will be executed for each device mentioned in Devices=
ClearDevice
We must ensure that device is cleared before testing
UpgradeDeviceFirmware
Upgrade Device firmware is done to unconfigured device to ensure FW downgrading and upgrading (This step will not read any BACnet properties)
ConfigureDevice
Configure Device before performing Full load.
DownloadToDevice
Perform Full load.
ManuallyConfigureDevice
Manually configure device over ABT site
AddAccessControlProfile
Add different access profile and login from web interface


ClearApplication
Clear application from ABT site
ClearDevice
After using device we must Clear it
Test suite
ProductName="RAU" Devices="PXC" Transports="Ethernet" Protocol="IP" Addressings="DHCP"
SetupABTSiteForTestRun
Prepare Project for testing by opening it and expanding the project tree
Note: After opening the project it will connect to network based on Transport , Protocol, Addressing,
Test suite
ProductName="RAU" Devices="DXR2.E18-1" Transports="Ethernet" Protocol="IP" Addressings="DHCP"
Each test will be executed for each device mentioned in Devices=
ClearDevice
We must ensure that device is cleared before testing
ConfigureDevice
Configure Device before performing FW upgrade.
UpgradeDeviceFirmware
Upgrade Device firmware to configured device and read BACnet properties
DownloadToDevice
Perform Full load.
ManuallyConfigureDevice
Manually configure device over ABT site
AddAccessControlProfile
Add different access profile and login from web interface
ClearApplication
Clear application from ABT site
ClearDevice
After using device we must Clear it
Test suite
ProductName="RAU" Devices="PXC" Transports="USB" Protocol="MSTP" Addressings="Local"
SetupABTSiteForTestRun
Prepare Project for testing by opening it and expanding the project tree
Note: After opening the project it will connect to network based on Transport , Protocol, Addressing,
Test suite
ProductName="RAU" Devices="DXR2.M18-1" Transports="USB" Protocol="MSTP" Addressings="Local"
Each test will be executed for each device mentioned in Devices=
ClearDevice
We must ensure that device is cleared before testing
ConfigureDevice
Configure Device before performing FW upgrade.



Test suite	**ProductName="RAU" Devices="PXC" Transports="USB" Protocol="MSTP" Addressings="Local"**