

## **PowerSNMP for .NET 4.7.0.1 Detailed Release Notes**

### **Added Features:**

- 1. Added an awaitable `GetResponseTaskAsync` method to the `SNMP Socket` class; developers must use `Dart.Snmp.45.dll` to take advantage of this functionality.**
- 2. Improved support for CAS level 2 applications in medium trust environments.**
- 3. Standardized and improved error reporting during USM authentication.**
- 4. The manager and Agent `Start(ThreadStart, Object)` methods, and the default `SnmpSocket` constructor now bind to `IPAddress.Any`.**

### **Interface Changes:**

- 1. `MessageBase.EncodedMessage` now returns a byte array instead of a `Segment` in order to reduce memory usage.**
- 2. The `GetTable` and `Walk` methods now take a `Security` object as an argument instead of a `User` object. Create a new `Security` object and set the `User` property to replicate the previous version's behavior.**
- 3. `ErrorCode.AuthenticationFailed` has been removed. The `Security.AuthenticationFailed` property should now be used.**