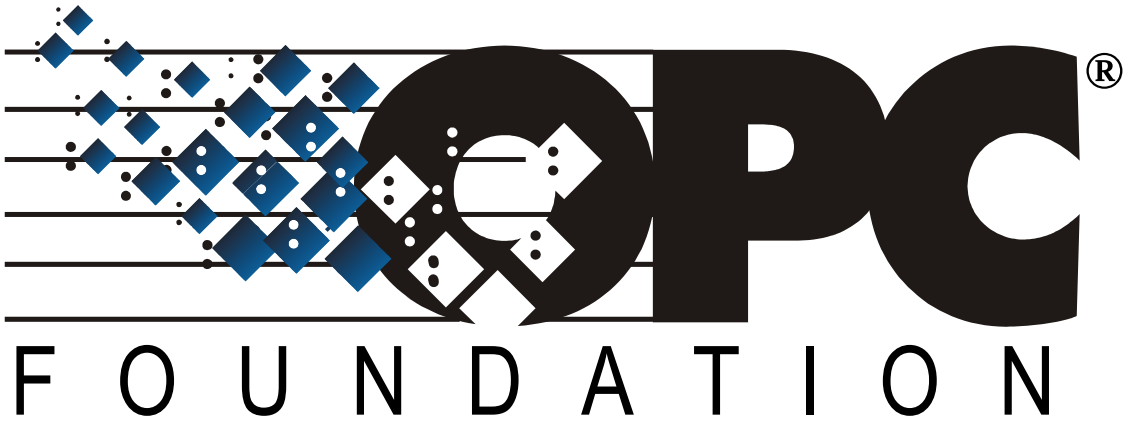

OPC Unified Architecture

Specification

Errata

Release 1.03.1

February 2, 2016

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UNIFIED ARCHITECTURE –

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This specification is the specification for developers of OPC UA applications. The specification is a result of an analysis and design process to develop a standard interface to facilitate the development of applications by multiple vendors that shall inter-operate seamlessly together.

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OPC Unified Architecture Specification

Errata

1 Scope

This Errata document contains all of the known corrections to OPC UA Specification Parts 1 through 13 for version 1.03. This document is updated regularly when issues are found between major releases of the Specification.

2 OPC UA Specification: Part 5 – Information Model

Topic	Improve the description for the situation where collection of diagnostic information is disabled.
Errata Version	1.03.1
Spec Reference	Part 5 Clause 6.3.3 – ServerDiagnosticsType, last paragraph
Mantis Reference	0003219
Problem Statement	The current description is ambiguous about what nodes have to exist in the AddressSpace if the EnabledFlag is FALSE (collection disabled).
Solution	Add the following statement: When diagnostics are turned off, the Server can return Bad_NodeIdUnknown for all static diagnostic *Nodes* except the *EnabledFlag Property*. Dynamic diagnostic *Nodes* (such as the *Session Nodes*) will not appear in the *AddressSpace*. If collection of diagnostic information is not supported at all, the *EnabledFlag Property* will be *ReadOnly*. It replaces the following paragraph: Static diagnostic *Nodes* that always appear in the *AddressSpace* will return Bad_NotReadable when the *Value Attribute* of such a *Node* is read or subscribed to and diagnostics are turned off. Dynamic diagnostic *Nodes* (such as the *Session Nodes*) will not appear in the *AddressSpace* when diagnostics are turned off.