

Market Requirements Document

Feature Name: TCP/IPv6

Version: 1

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Description of the Problem

The Internet Engineering Task Force [[IETF](#)] has defined a new version (6) of the Transport Control Protocol Internet Protocol [TCP/IP]. It is commonly referred to as [IPv6](#). It adds many improvements in areas such as routing and network autoconfiguration.

The previous protocol, currently supported by Objectivity products, is called IPv4. The old and new protocols will coexist for another year or so, but operating system suppliers are gradually phasing out IPv4.

Description of the Requested Feature

Objectivity products should be compatible with both TCP/IPv4 and TCP/IPv6.

Part of an existing feature or does it require another feature, if so, which one?

This feature is an internal mechanism used to send messages between clients and server processes.

How is this problem being solved now, and why isn't that acceptable?

Our products don't currently support IPv6. They will eventually stop running as sites phase out IPv4.

What languages must support this capability?

- All.

Which platforms must be supported?

- All.

Do any competitors already have this feature?

- Unknown, though DB2 and Oracle almost certainly do.

Customers who require this feature

- Any customer running TCP/IPv6.

Revenue at risk, or which could be won

- This will become essential within a year or two.

When is this required?

- Release 10.

Additional Notes

We will also need:

- Updated marketing collateral.
- Release Note.
- New QA material to prove that our products work with both IPv4 and IPv6.