



Technology Area

DEFINITION

<i>Name</i>	Data Transfer Protocols
<i>Description</i>	<p>Data Transfer Protocols provide the process for the exchange of data in digital form when using automated data transfer operations. Data transfer protocols are predetermined standards that determine how information is transferred between computers.</p> <p>A reliable data transfer protocol is one that guarantees that data will be delivered in the same order in which it was sent and without errors.</p>
<i>Rationale</i>	Standardizing protocols can significantly reduce development and operations cost of automated data exchanges. Reductions come about by the reuse of procedures, reduced operator and developer training costs, reducing time and effort of determining the communications protocol with which to transfer data.
<i>Benefits</i>	<ul style="list-style-type: none"> • Reduces the number of different protocols to support. • Improves portability of data. • Best possible use of bandwidth. • Flexibility of transmitting data across many different OS platforms. • Standardizing data exchange protocols can improve Return on Investment in the development of data sharing applications.

ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Interoperability Domain
<i>Specify the Discipline Name</i>	Data Exchange

KEYWORDS

<i>List Keywords</i>	Upload, Download, IND\$FILE, File Transfer, Data Stream
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ASSOCIATED COMPLIANCE COMPONENTS

<i>List the Compliance Component Names</i>	Data Transfer Protocols Matrix (Current/Preferred)
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ASSOCIATED PRODUCT COMPONENTS

<i>List the Product Component Names</i>	
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CURRENT STATUS

<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i> <input type="checkbox"/> <i>Under Review</i> <input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>
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AUDIT TRAIL

<i>Creation Date</i>	03/10/2004	<i>Date Approved / Rejected</i>	4/13/04
<i>Reason for Rejection</i>			

<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			