



State of Michigan
Department of Information Technology
TECHNICAL POLICY MANUAL

SUBJECT

Global Windows Internet Naming Service (WINS) Standard

Type	NUMBER	DATE ISSUED	REVISION DATE	REVISION NUMBER	
Standard	1410.26	11-04-05			

Purpose

Windows Internet Name Service (WINS) provides a dynamic replicated database service that can register and resolve NetBIOS names to IP addresses used on your network. Windows 2003 Server provides WINS, which enables the server computer to act as a NetBIOS name server and register and resolve names for WINS-enabled client computers on a network as described in the NetBIOS over TCP/IP standards.

The purpose of this standard is to provide the necessary guidelines for the use of the Microsoft Windows Internet Naming Service (WINS) protocol within the SOM Network.

Scope

This standard applies to any group using WINS in the SOM to resolve NetBIOS names and addresses.

Standard Statement

The development of new applications and name resolution must be based on the Domain Name Service (DNS) protocol that remains in line with the direction of Michigan/1.

Existing implementations of WINS, which are disparate, will move to the centralized implementation of WINS servers as defined in the State of Michigan Active Directory Design.

Revision History

Revision Level	Effective Date	Description of Enhancements
	11-04-05	Initial Release



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Terms and Definitions

NetBIOS	Network Basic Input/Output System is a program that allows applications on different computers to communicate within a local area network. IBM created it for its early PC Network, later adopted by Novell and Microsoft. NetBIOS is used in Ethernet, token ring and Windows NT networks. It does not support a routing mechanism, so applications communicating on a wide area network must use another "transport mechanism" (such as TCP/IP) rather than, or in addition, to NetBIOS.
DNS	Domain Name Service is a general purpose distributed, replicated, data query service. The principal use is the lookup of host IP addresses based on host names.
TCP/IP	"Transmission control protocol/Internet protocol." TCP/IP is a combined set of protocols that perform the transfers of data between two computers.

Related Documents

State Of Michigan Active Directory Design

Forms