

COMMONWEALTH OF PENNSYLVANIA HEALTH & HUMAN SERVICES DELIVERY CENTER

INFORMATION TECHNOLOGY STANDARD

Name of Standard: Industry Standard Protocols	Number: STD-ENSS005
Domain: Network	Category: Wide, Metropolitan and LAN's / Protocols
Date Issued: 05/09/2001	Issued by Direction Of:
Date Revised: 08/05/2020	Jon Arnold, Chief Technology Officer Health & Human Services Delivery Center

Abstract:

A protocol is an agreed upon format for interaction at the computer as well as the human level. A protocol stack is a series of protocols arranged in layers, each layer performing a single, well-defined function, with clearly delineated interfaces, which permit functional replacement at a layer-by-layer level.

General:

The Health and Human Services Delivery Center (HHS DC) supports the Departments of Health (DOH), Human Services (DHS), Aging (PDA), Drug and Alcohol Programs (DDAP) and Military and Veterans Affairs (DMVA).

The purpose of this document is to announce the network protocol determined by the Network Unit and in place at the Health and Human Services Delivery Center (HHS DC) Technology Services Office (TSO).

Standard:

TCP/IP

For the network, HHS DC TSO selected the Transmission Control Protocol/Internet Protocol (TCP/IP) protocol stack originally developed during the late 1960s through research funded by the Defense Advanced Research Projects Agency (DARPA).

TCP/IP provides a common transport environment between disparate computer systems, a common set of tools and utilities (for terminal access, file transfer, electronic mail, and network management), and a

standard mechanism for inter-process communication.

Exemptions from this Standard:

There will be no exemptions to this standard.

Refresh Schedule:

All standards and referenced documentation identified in this standard will be subject to review and possible revision annually or upon request by the HHS Delivery Center Domain Leads.

Standard Revision Log:

Change Date	Version	Change Description	Author and Organization
05/09/2001	1.0	Initial Creation	Unknown
04/08/2002	1.1	Edited for style	Beverly Shultz
05/10/2004	1.1	Reviewed content – No changes	Timothy Stouffer
12/14/2004	1.2	Updated	Timothy Stouffer
07/13/2005	1.2	Reviewed content – No changes	Timothy Stouffer, DTE
11/13/2006	1.2	Reviewed content – No changes	Doug Rutter, DTE
12/06/2007	1.3	Reviewed content, edited style	Doug Rutter, DTE
09/24/2010	1.3	Reviewed content – No changes	Doug Rutter
12/6/2013	1.3	Reviewed content – No changes	Matthew Messinger
03/31/2015	1.4	Updated – Changed DPW to DHS	Bob Gordon, BIS-DTE
03/08/2016	1.4	Reviewed content – No changes	Aamir Qureshi, BIS-DTE
04/03/2020	2.0	Update Org., Review Content	Bob Gordon, HHS TSO
08/05/2020	2.1	Removed signature.	P. Gillingham HHS TSO