# COMMONWEALTH OF PENNSYLVANIA

# HEALTH & HUMAN SERVICES DELIVERY CENTER

# INFORMATION TECHNOLOGY GUIDELINE

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| Name of Guideline: | Number: |
| **HHS Network Switches** | **GDL-ENSS005** |
| Domain: | Category: |
| **Network** | **Hardware / Switches** |
| Date Issued: | Issued By: |
| **05/09/2001** | John Tamosaitis, Network Manager **Health & Human Services Delivery Center** |
| Date Revised: |
| **06/19/2020** |

**Abstract:**

The purpose of this document is to provide a guideline for switches to use in the Health & Human Services Delivery Center (HHS DC) network.

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

**General:**

A switch is a network device that selects a path or circuit for sending a unit of data to its next destination. A switch may also include the function of the router, a device, or program that can determine the route and specifically the adjacent network point to which the data should be sent. In general, a switch is a simpler and faster mechanism than a router. Routers require knowledge about the network and a way to determine the route.

**Guideline:**

The HHS Network team will deploy both user access and distribution layer switches that meet the requirements set forth in ITP [Net002](https://itcentral.pa.gov/Documents/itp_net002.pdf), are on the Commonwealth’s procurement contracts and meet the needs of the DHS network. No unmanaged switches will be permitted on the HHS network.

The manufacturer may change models and versions to meet the changes in technology. The HHS Network will deploy switches that meet the needs of the HHS-DC.

**Refresh Schedule:**

All guidelines 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.

**Guideline Revision Log:**

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| --- | --- | --- | --- |
| **Change Date** | **Version** | **Change Description** | **Author and Organization** |
| 05/09/2001 | 1.0 | Initial Creation | Deloitte Consulting |
| 08/15/2002 | 1.1 | Edited for style | Beverly Shultz |
| 06/17/2004 | 1.2 | Updated content | Tom Zarb |
| 11/07/2006 | 1.2 | Reviewed content | Doug Rutter |
| 01/25/2008 | 1.3 | Reviewed content & edited for style | Doug Rutter |
| 06/26/2010 | 1.4 | Reviewed and updated | Doug Rutter |
| 02/18/2011 | 1.4 | Reviewed content – No changes | Doug Rutter |
| 11/12/2013 | 1.5 | Reviewed content – Changed Model Numbers | Matthew Messinger |
| 3/20/15 | 1.6 | Changed DPW references to DHS | Bob Gordon, BIS-DTE |
| 03/08/2016 | 1.6 | Reviewed content – Refined verbiage | Bob Gordon, BIS-DTE |
| 05/21/2020 | 2.0 | Review for Content- Organization Change | Michael E. Sites TSO |
| 5/21/2020 | 2.0 | Addition to Abstract | Patricia Gillingham |
| 6/19/2020 | 2.0 | Review for content- Updated requirements | John Tamosaitis TSO |
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