**CABINET FOR HEALTH AND FAMILY SERVICES (CHFS) Standards:**

**Category: 1000 Hardware Platform Domain**

**1320 Servers – Enterprise Database Servers**

**Approved Standard**

Due to the complexity of different projects, the minimum standard for server configuration (RAM, CPUs etc) on database servers will be made based on the application usage requirements / Microsoft and COT recommendations. All requests for new servers should follow approved processes and policies regarding forms, reviews, and recommendations.).

<https://docs.microsoft.com/en-us/windows-server/get-started/system-requirements>

**Approved Products**

* SQL Server 2016
* SQL Server 2017
* SQL Server 2019
* SQL Server 2022

Considerations for Cabinet teams:

1. New projects should use the highest possible version of SQL allowed, i.e. SQL2022, unless there’s a technical impediment that prevents them from using it. In other words, priority for creating new DBs should go from higher to lower version, regardless of being dedicated or shared structure.
2. Avoid standing new DBs in SQL2016, unless there’s a technical impediment that prevents the project from using a higher SQL version.

3) DBs currently in shared SQL2016 are not required to migrate to SQL2019 or SQL2022, unless it’s part of their already established roadmap. Support for SQL2016 will end on 07/14/2026 and cabinet will plan a migration exercise.

**Exceptions:**

Any exceptions to this standard must follow the procedures established in CHFS IT Policy #070.203.

**Review Cycle:**

Annually

**Timeline:**

Last reviewed: 02/29/2024

Next review: 02/01/2025

**Cross Reference**

**COT Standard #1320 – Servers – Application/Database**

**COT Standard # 1330 – Servers – Workgroup Servers**

**CHFS IT Standard #1000.001 – Server Virtualization Standard**

**CHFS Standard # 1330 (formerly #010.006) – Servers – Workgroup Servers**

**Link to all COT Hardware Domain Standards:**

[**https://cgp.ky.gov/sites/COTPUBDOCS/Standards/KITS\_Report.pdf**](https://cgp.ky.gov/sites/COTPUBDOCS/Standards/KITS_Report.pdf)

**Link to all CHFS IT Standards:**

<https://chfs.ky.gov/agencies/os/oats/Pages/itstandards.aspx>

**Link to all CHFS IT Policies:**

<https://chfs.ky.gov/agencies/os/oats/Pages/ITpolicies.aspx>