

Hypervisor Technology Standard

Introduction

Hypervisors enable an organization to create and run multiple virtual machines on the same physical hardware equipment. In an effort to simplify administration of hypervisor technology and take advantage of available technological interoperability advancements, OMES Information Services utilizes a single hypervisor operating system, rather than attempt to support a multi-vendor solution.

Purpose

This document establishes the state hypervisor technology standard for on-premises. This standard does not define the hypervisor utilized by cloud vendors.

Definitions

Hypervisor – A program used to run and manage one or more virtual machines on a computer.

Standard

OMES utilizes VMware ESXi hypervisor technology.

Compliance

This standard shall take effect upon publication and is made pursuant to Title 62 O.S. §§ 34.11.1 and 34.12 and Title 62 O.S. § 35.8. OMES IS may amend and publish the amended standards policies and standards at any time. Compliance is expected with all published policies and standards, and any published amendments thereof. Employees found in violation of this standard may be subject to disciplinary action, up to and including termination.

Rationale

To coordinate and require central approval of state agency information technology purchases and projects to enable the chief information officer to assess the needs and capabilities of state agencies as well as streamline and consolidate systems to ensure that the state delivers essential public services to its citizens in the most efficient manner at the lowest possible cost to taxpayers.

Revision history

This standard is subject to periodic review to ensure relevancy.

Effective date: 03/21/2022	Review cycle: Annual
Last revised: 08/30/2022	Last reviewed: 08/09/2023
Approved by: Joe McIntosh, Chief Information Officer	