



Internet Protocol Address Allocation Standard

Introduction

To effectively maintain the pool of available address space, OMES must assign IP addresses to each device connected to the state network. This reduces IP address conflicts and enhances security and tracking.

Purpose

This document establishes the OMES standard for IP address allocation.

Definitions

Dynamic Host Configuration Protocol – An automatically allocated IP address.

Static IP – A permanent IP address assigned to a device.

Standard

OMES utilizes centrally managed DHCP for IP address allocation for all state agencies. Exceptions for static IP addressing include server and network infrastructure devices.

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
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Approved by: Aleta Seaman, Interim Chief Information Officer	