
Topics:

Active Directory [1]

SA-03-009 Active Directory

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PURPOSE

To define an effective, scalable, secure and manageable Active Directory? forest design and to facilitate one standardized infrastructure for the State?s Active Directory? which will reduce multiple sign-ons and reduce total cost of ownership for the State?s network operations. The Georgia Technology Authority (GTA) shall govern the implementation and operation of Microsoft?s Active Directory? on the State?s enterprise network.

SCOPE

This standard applies to any Agency?s implementation of Active Directory?. This standard covers implementation of any Active Directory? forest established on the State?s enterprise network within a production environment. Although there are touch points between Active Directory? and the Georgia.Gov Domain Naming Convention the two are not directly related.

STANDARD

Agencies, Political Subdivisions, and other entities participating in the State?s Active Directory? shall comply with all Active Directory? prescribed standards, processes, and specifications defined by the Georgia Technology Authority. GTA will develop specific procedures and sub-process that Agencies will follow to implement Active Directory?.

1. Structure

The initial design is structured to take advantage of the flexibility of domains and Organizational Units (OUs) in Active Directory?. An empty forest root is implemented to maximize security of the forest root; allow child domains to be reorganized, as necessary; and recognize the differing roles among the GTA, Agencies, and the Outsource Vendor. A single forest design is employed to reduce total costs, create a single Exchange 2000 organization, and ease administration. A single accounts domain is utilized to create a simple administrative structure for the Outsource Vendor. Resource domains are used to separate administration of systems maintained by their respective agencies. Top-level Organizational Units (OUs) are created for each state agency in the accounts domain to allow application of separate group policy objects. All OU designs are governed by the Organizational Unit Standard and must be approved by the GTA.

2. Single Forest

There is one enterprise forest structure for the State of Georgia, with justified exceptions. GTA is responsible for the availability of the State Forest infrastructure for Active Directory? services and will retain control of the Forest Root Domain. GTA will be responsible for maintaining Active Directory? services to ensure business continuity for each Agency.