

GeoPortal Test/Dev

GeoPortal & WAMAS Application Configuration

Created: 8/31/15 jp Last Update: 11/30/16

Y:\My Documents 2015-2016\Portal Diagrams\Public Vers of Portal
Infrastructure 113016.vsd

Arc/Info Pushes Service Definition Files
Publish web services
Publishes up to AGS Servers A & B (cluster)
(1) Arc/Info Standard License
(1) Arc/Info Standard License

GeoPortal Test White List – http & https
WAMAS Test White List – http & https

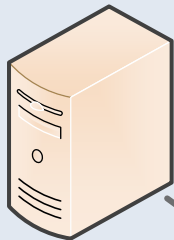
eApp VLAN 940 – Application/Web

eApp VLAN 942 – Data

Test IIS Frontend (shared)

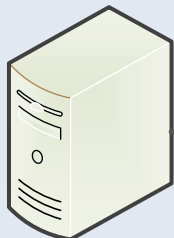
Web Adapter WAMAS
Web Adapter ArcGIS

Test IIS Server (2P/4G)



<http://test-geoservices.des.wa.gov> (SGN)
<https://test-geoservices.wa.gov> (non-SGN)

Test WAMAS App Server (4P/16G)



<https://test-wamas.wa.gov> (non-SGN)
<http://test-wamas.des.wa.gov> (SGN)

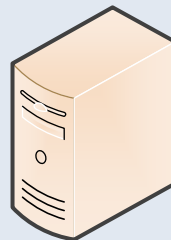
Test WAMAS App Server

.net WebServer
Melissa data
Geocoding & Address Correction
FME Server & Desktop

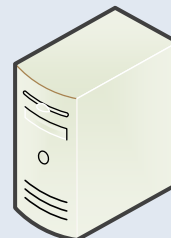
Test ArcGIS Server

StreetMap Premium (carto only)
(1) 4-core AGS 10.4
(1) 4-core Image Server Extension

Test ArcGIS Server (4P/16G)



Test WAMAS ArcGIS Server (4P/8G)

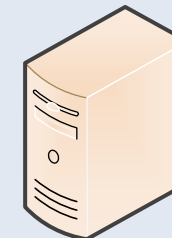


Test WAMAS ArcGIS Server
StreetMap Premium (locator
only)
Location Finder
(1) 4-core AGS 10.4

Test GIS Data Server

Thematic & Imagery Data Storage
StreetMap Premium (locator & carto)
FME Desktop
Shared NAS

Test GIS Data Server (2P/8G)

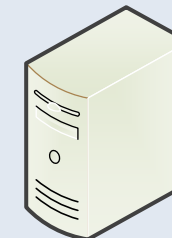


100G

2.5T

E:\ Volume

Test WAMAS SQL Server (2P/8G)



100G

Test WAMAS SQL Server
Backend SQL database

Private Routing

GeoPortal State Production

GeoPortal & WAMAS Server Configuration

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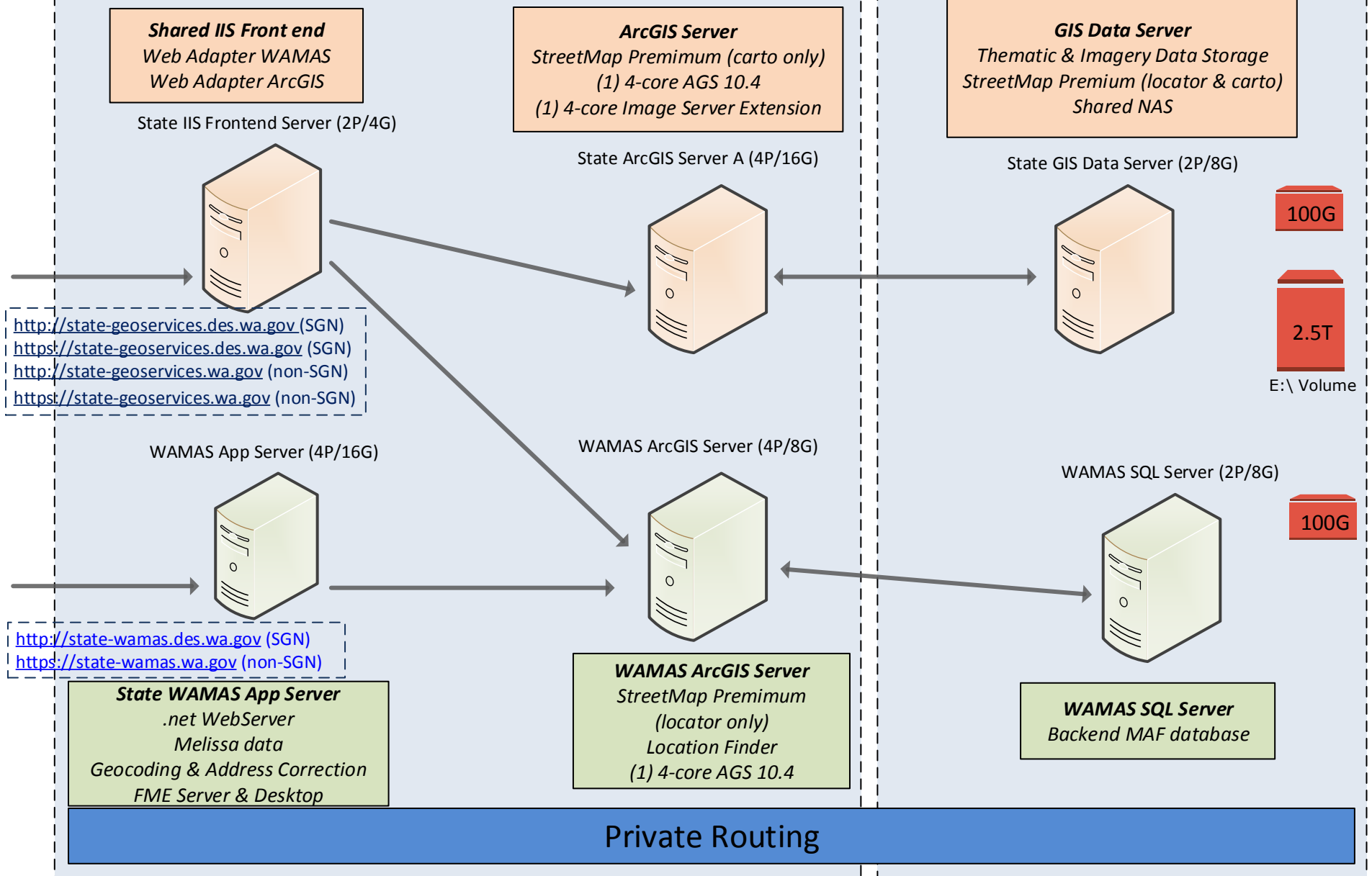
Y:\My Documents 2015-2016\Portal Diagrams\Public Vers of Portal Infrastructure
113016.vsd

Arc/Info Pushes Service Definition Files
Publish web services
Publishes up to AGS Servers A & B (cluster)
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Open to the SGN
White List for GeoPortal (Non-SGN, County & Contractors)
White List for WAMAS (Non-SGN, County & Contractors)

eApp VLAN 940 – Application/Web

eApp VLAN 942 – Data



GeoPortal Public

Production Server Configuration

Created: 8/27/15 jp Last Update: 11/30/16

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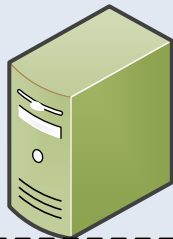
Open to the Public and hosts all publically available data services

eApp VLAN 940 – Application/Web

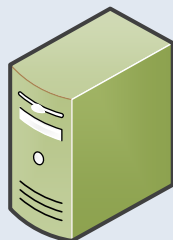
eApp VLAN 942 – Data Backend File Server

Web Adapter
Public Access Point
Koop

Public IIS Frontend Server (2P/4G)



<http://geoservices.wa.gov/arcgis/rest/services>



GeoPortal Utility Server (2P/4G)

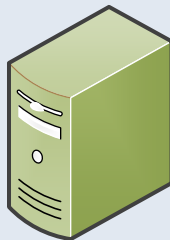
Geo Monitor
ArcGIS License Manager

ArcGIS Server A

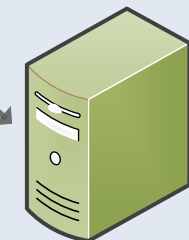
(1) 4-core AGS 10.4

(1) 4-core Image Server Extension

Public ArcGIS Server A (4P/16G)



Public ArcGIS Server B (4P/16G)



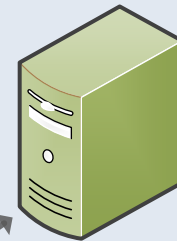
ArcGIS Server B

(1) 4-core AGS 10.4

(1) 4-core Image Server Extension

Thematic & Imagery Data Server
Shared NAS

Public ArcGIS Data Server (2P/8G)



100G

10 TB

E:\ Volume

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Publishes up to AGS Servers A & B (cluster)
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Private Routing