

EN2015

E-Enterprise Architecture

Robin Gonzalez, US EPA Office of Environmental Information Mary H. Montoya, New Mexico Environment Department

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ABSTRACT

- E-Enterprise Architecture Scope
- The Integrated Project Team
- Identity Management Approach
- Portal Architecture
- Shared Services Catalog
- REST Example

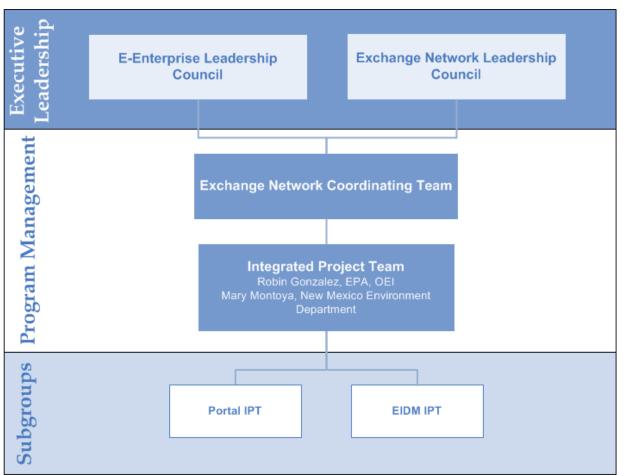
E-Enterprise Architecture Scope

- Develop conceptual future E-Enterprise architecture to initiate discussions and future planning activities with EPA, EELC, ENLC and others
- Develop common technical architecture shared among EPA and co-regulators
- Value
 - Common architecture across EPA and co-regulators will allow for the interoperability of processes, services, data and systems

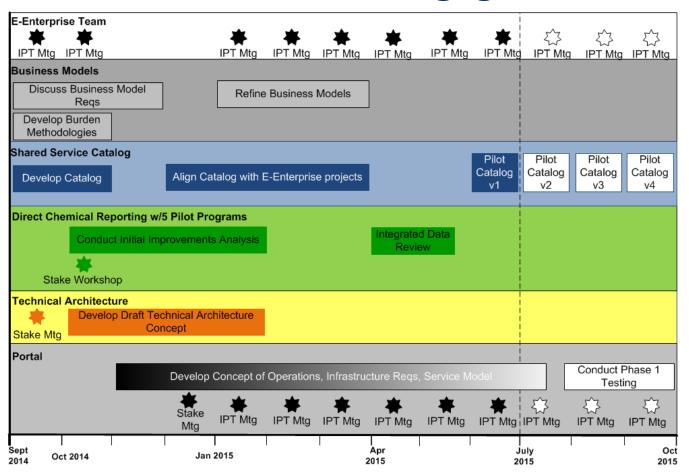
The Architecture Integrated Project Team

- The Architecture IPT is charged with gathering stakeholder input to enable the development of the foundational technical documents and specifications for E-Enterprise
- Objectives:
 - Document and verify the as-is technical architecture
 - Define business and technical requirements
 - Document and verify the E-Enterprise Solutions Architecture
 - Document and verify remaining shared services documents
- Created Portal and Identity Management subgroups for specific requirements

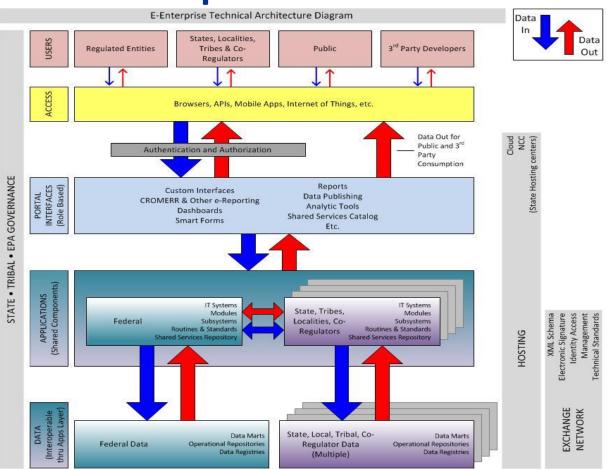
Architecture IPT Governance



Extensive IPT Stakeholder Engagement to Date



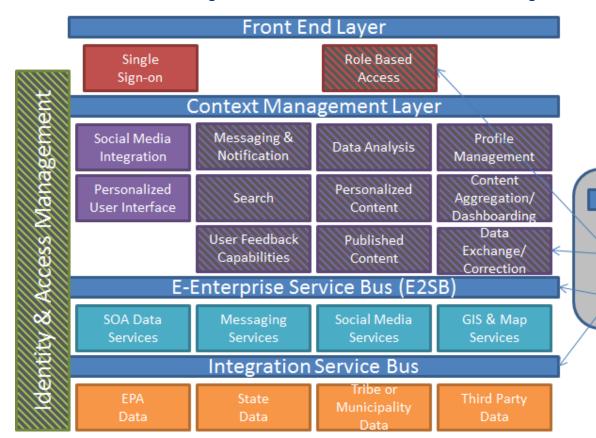
E-Enterprise Architecture



Portal Architecture/Concept of Operations

- Worked with OCFO team to develop content, define infrastructure needs and define service support functionality
- Architecture is being implemented as part of Phase 1, and will be expanded in subsequent phases
- Concept of Operations (COO) emphasizes using existing services and open source services where they meet portal and use case requirements
- COO also captures future identified requirements by Portal IPT

E-Enterprise Portal Conceptual Architecture



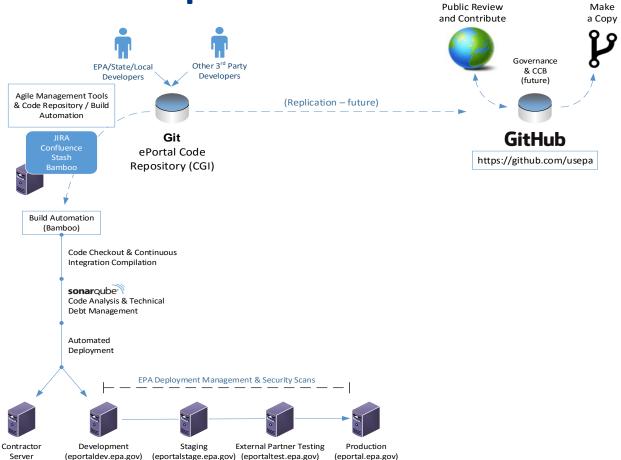


Designates included in Phase One (although may have limited functionality and evolve in future Phases)

Exchange Network Services

Consumer Interfaces
Shared Services Infrastructure
Tools and Libraries
Standards and Specs

Development Environment

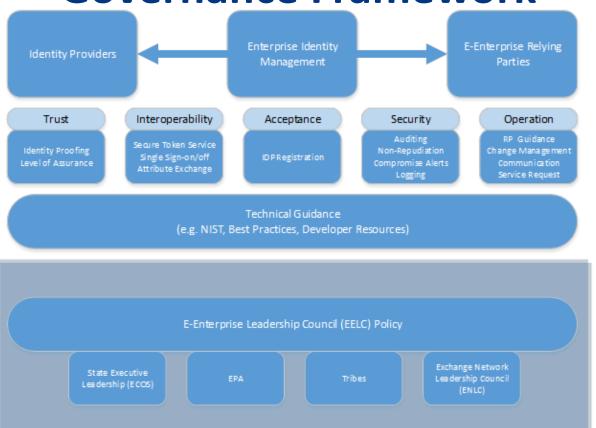


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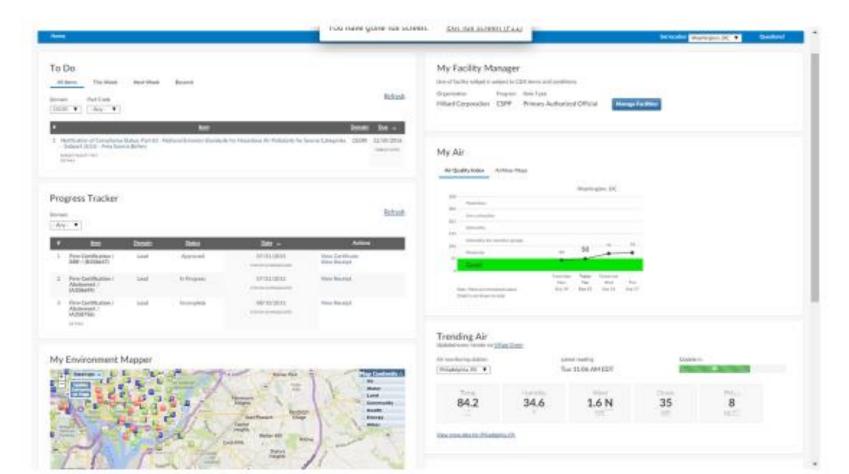
Identity Management Approach

- Supported comprehensive identity management approach that will work:
 - For portal access
 - For hybrid cloud access
 - Ultimately, to ensure consistent identity management with our partners across multiple existing platforms
- Builds on the CDX identity management approach but also offers third-party user credentials
- Ongoing steps involve working with States to further expand identity sharing concepts

E-Enterprise Identity Management Governance Framework



Portal Workbench



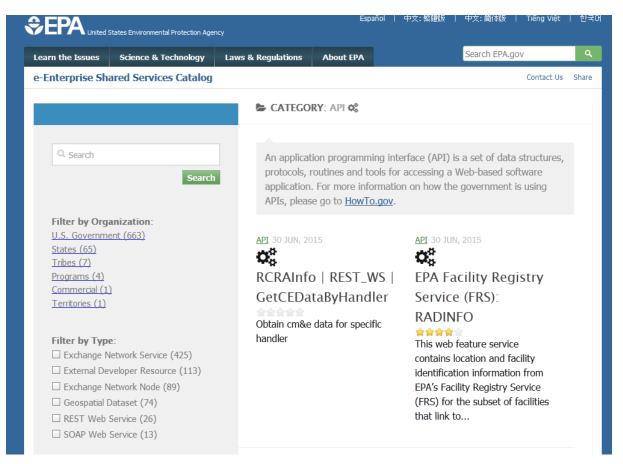
Shared Services Forum Outcomes

- Working to define collectively criteria and priorities for data, application, and infrastructure shared services
- Will develop a catalog of services and playbook to ensure wide use once they are developed
- Also focusing on ways for those with shared services today to contribute them
- Planning Workshop in early December to plan next steps and set an implementation plan

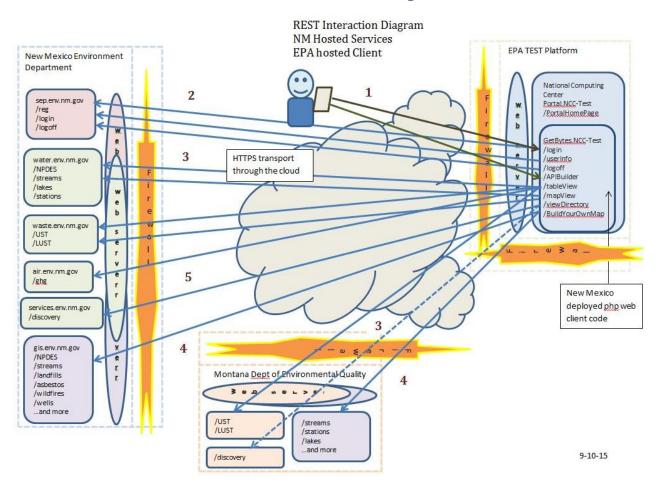
Shared Services Catalog

- Created and maintained a shared services catalog
 - Working with existing repositories (e.g., RCS, Developer Central, EDG) to provide integrated access and cleaned up data set with functionality to allow single repository with State APIs and data
- Value: Standard method for providing shared services information (APIs, data) and strategy for making sure data are accessible to stakeholders

Shared Services Catalog Home Page



REST Example



Questions/Discussion

For more information:

Mary H. Montoya Chief Information Officer New Mexico Environment Department maryh.montoya@state.nm.us

Robin L. Gonzalez
Sr. Program Director for Enterprise Systems
Office of Environmental Information, USEPA
gonzalez.robin@epa.gov