

International Exchanges Hazardous Waste Notices and Responses

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Topics

- **Introduction**
- **International Exchange**
- **Challenges and Benefits**
- **Next Steps**



Introduction

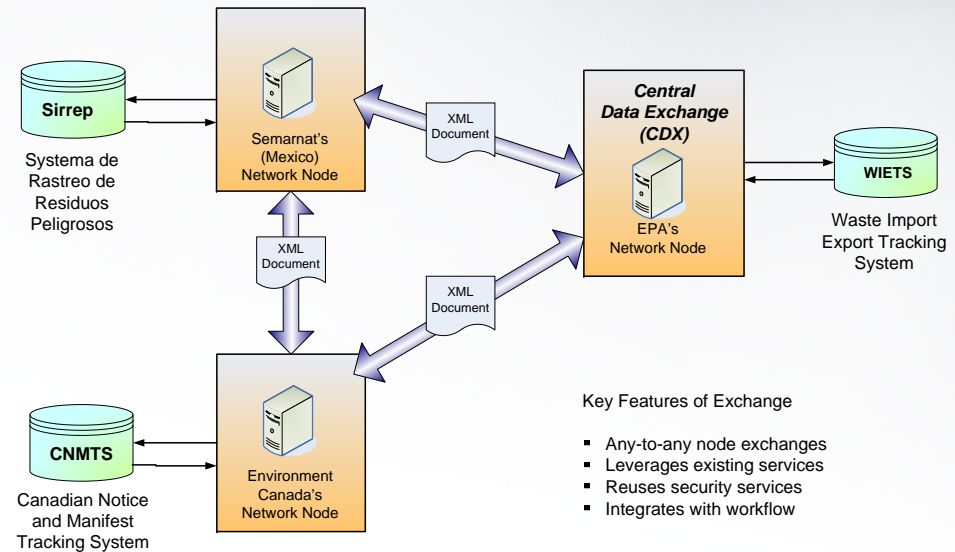


- Interest by other Federal Agencies and countries in leveraging Exchange Network services
 - Low cost to implement (software available)
 - Proven to meet regulatory requirements
 - Established services and governance
 - Flexible, scalable to a broad range of exchanges
- One of several next steps in maturing Exchanges

International Exchange- Hazardous Waste Notices and Responses



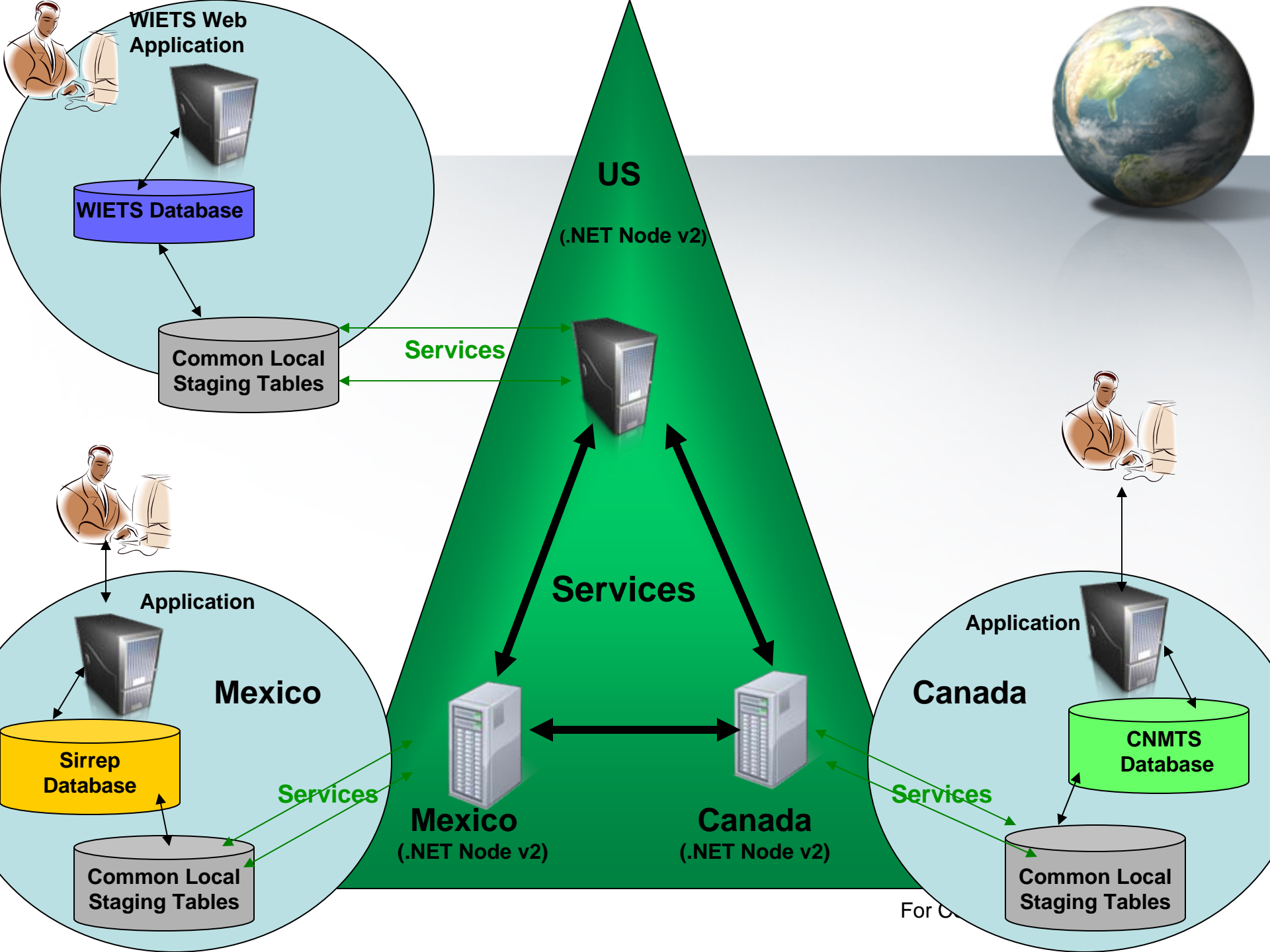
- Mexico-Canada-US through the Commission for Environmental Cooperation (CEC)
 - Notices requesting permission to ship hazardous waste to the importing country, who reviews and approves or denies the shipment between
 - EPA OECA's/ORCR's Waste Import Export Tracking System (WIETS),
 - Environment Canada's tracking system,
 - Mexican Environmental Agency's (SEMARNAT) tracking system.



International Exchange



- Approach
 - Using .NET Node
 - Localized version of Network Authentication and Authorization Service (NAAS)
 - User Interface (UI) in three languages using resource file for localization
 - Standardized services for all three countries
 - International Data Standards (United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT))



Challenges and Benefits



Challenges

- Understanding restrictions/limitations for each Agency or country
- Clear communication
 - Exchange Network architecture requirements,
 - Use of standard services,
 - Schema design,
 - Data standards
- Coordination among Agencies/Countries

Benefits

- Move from paper to electronic exchanges
- Exchange new data not previously exchanged for regulatory purposes
- Exchanges using standardized reusable services and data standards
- Establish a model for future business

Next Steps



- Deploy/implement nodes
- Complete testing
- Deploy production exchange between Mexico-Canada-US
- Document
- Continue discussion through USAID, OITA, others on future exchanges with other countries.

For More Information



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