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LEVERAGING ENTERPRISE GIS IN FLEXICADASTRE

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OVERVIEW

- Enterprise GIS
  - What is Enterprise GIS?
  - Advantages implementing
  - Characteristics of an Enterprise GIS Framework
- ArcGIS Server in FlexiCadastre
  - Author > Publish > Consume
- FlexiCadastre mapping functionality (demo)

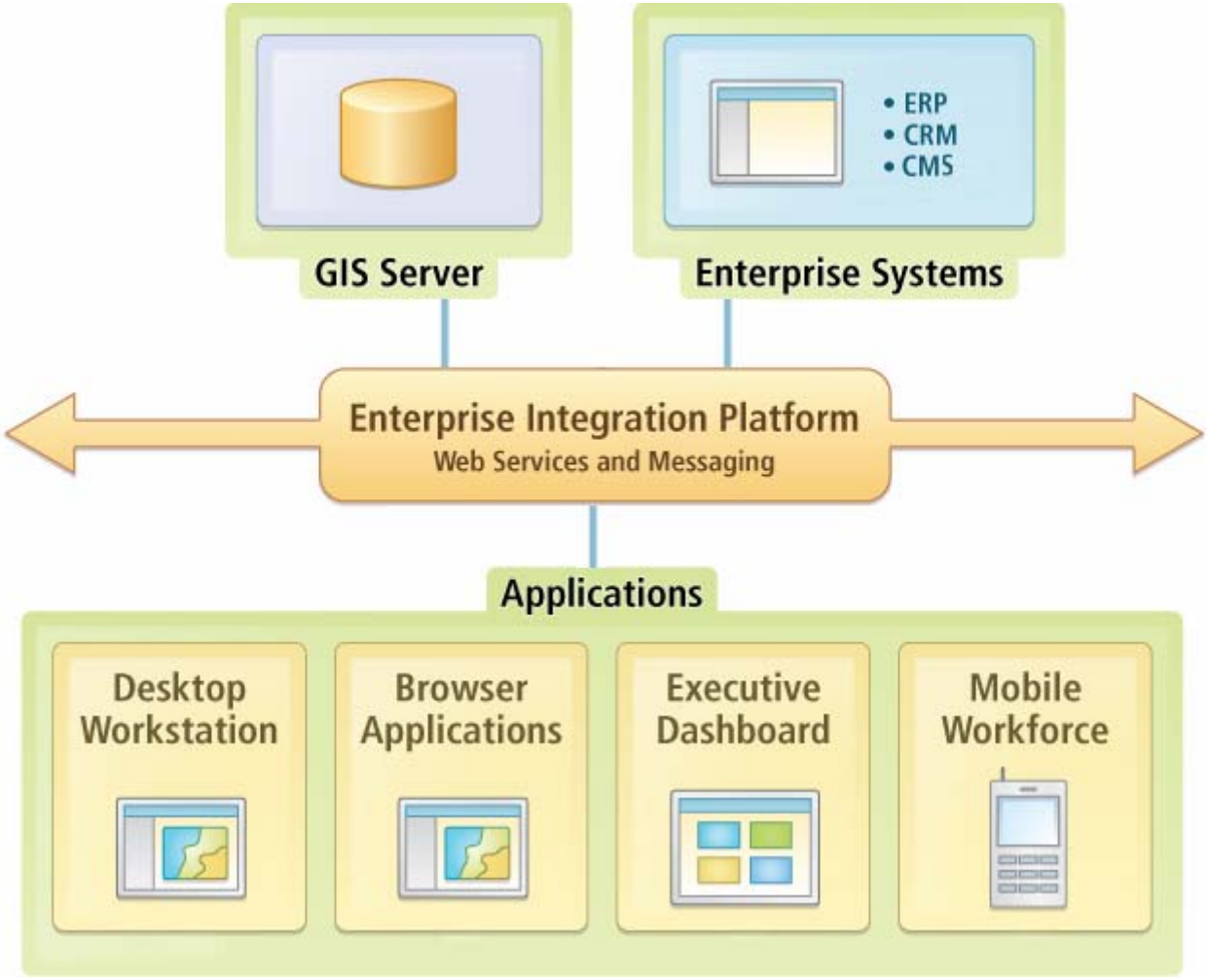
WHAT IS ENTERPRISE GIS?

- Hardware, software, data and people
- Deliver organisation-wide geospatial capabilities
  - Data capture, storage and management
  - Visualisation (maps, reports, graphs)
  - Spatial Analysis (overlaps, proximity, area)

WHAT IS ENTERPRISE GIS?

- Key enablers
  - Open and interoperable
  - Standards based architecture

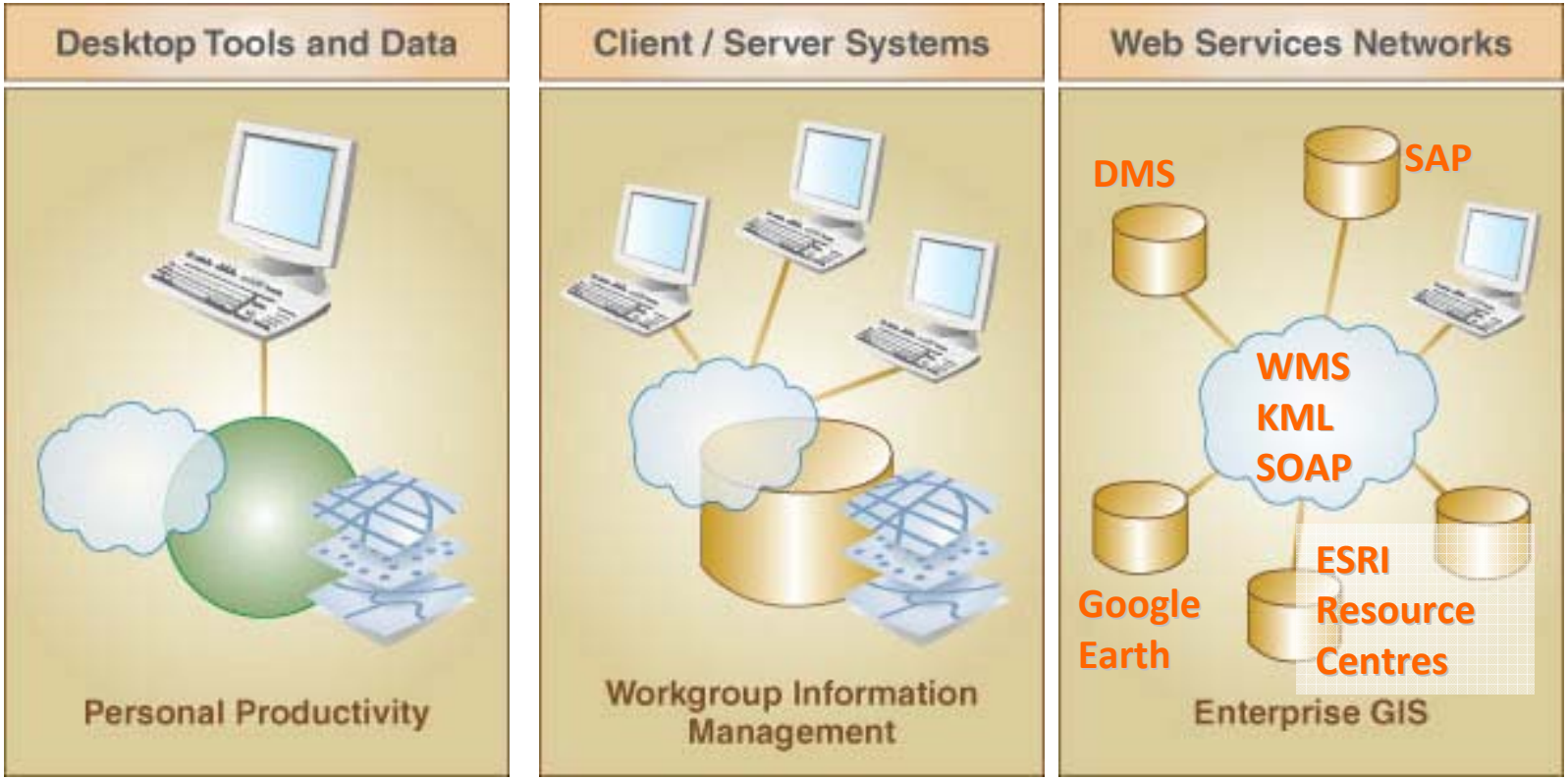
WHAT IS ENTERPRISE GIS?



WHAT IS ENTERPRISE GIS?

- Enterprise GIS enables organisations
  - Share data and maps
  - Between users, departments and regional offices
  - From **single** user to **thousands** of users
  - Integrating with existing systems and environments

WHAT IS ENTERPRISE GIS?



ADVANTAGES

- Advantages implementing Enterprise GIS
  - Common infrastructure
  - Integrates with other enterprise systems
  - Extends capabilities to “non-traditional” users
  - “Geo-enables” executive analysis and decision-support
  - Increases overall operating efficiency
  - High return on investment

CHARACTERISTICS

- Characteristics of an Enterprise GIS Framework
  - Scalable, extensible, reliable and secure
  - Open, interoperable, and standards based
  - Capable of being effectively integrated within the enterprise

ARCGIS SERVER IN FLEXICADASTRE

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ARCGIS SERVER IN FLEXICADASTRE

- ArcGIS Server: Enterprise GIS platform of choice
  - Spatial data storage/management
  - Spatial analysis/topological operations
  - Interactive mapping
  - Map production/printing

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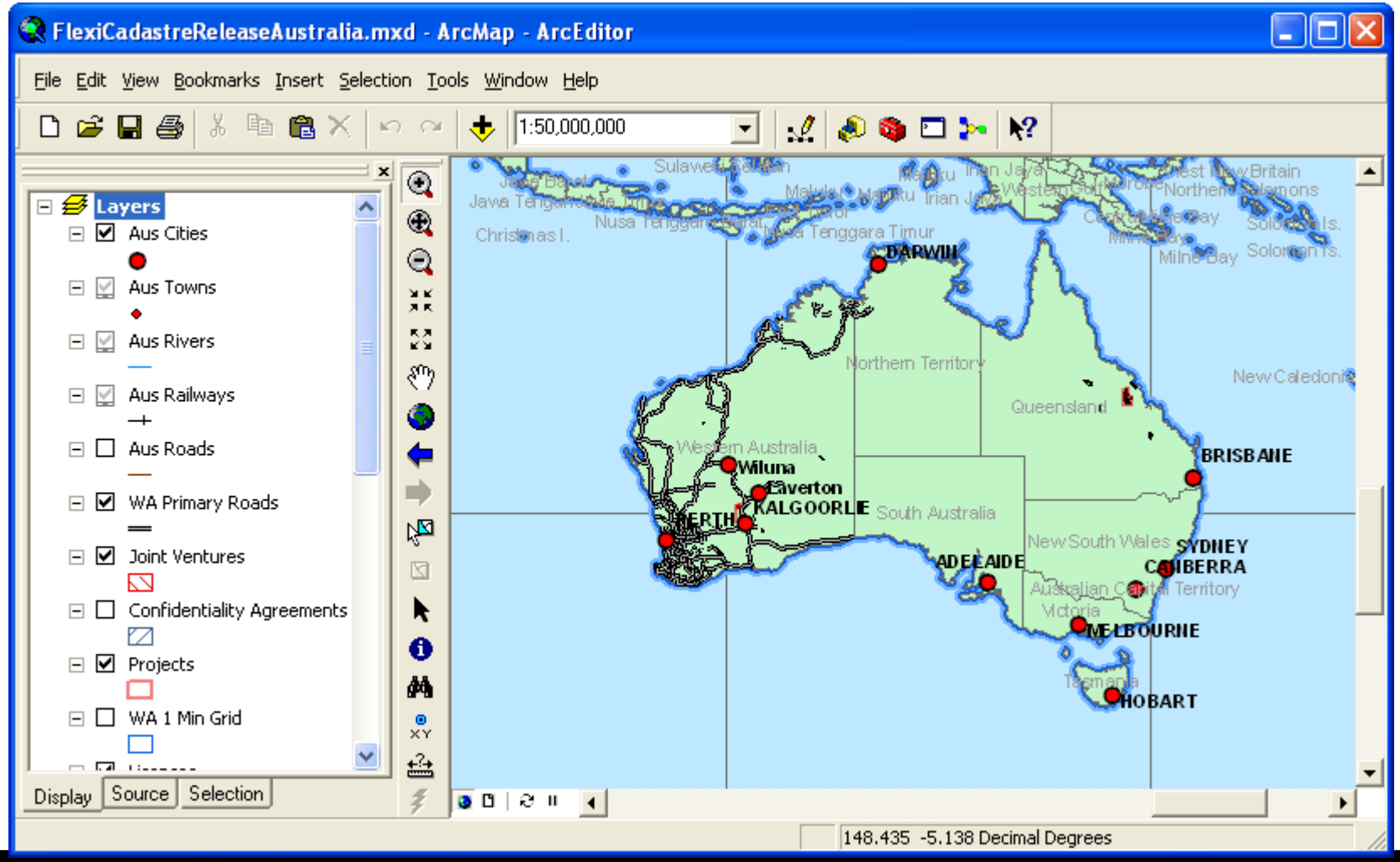

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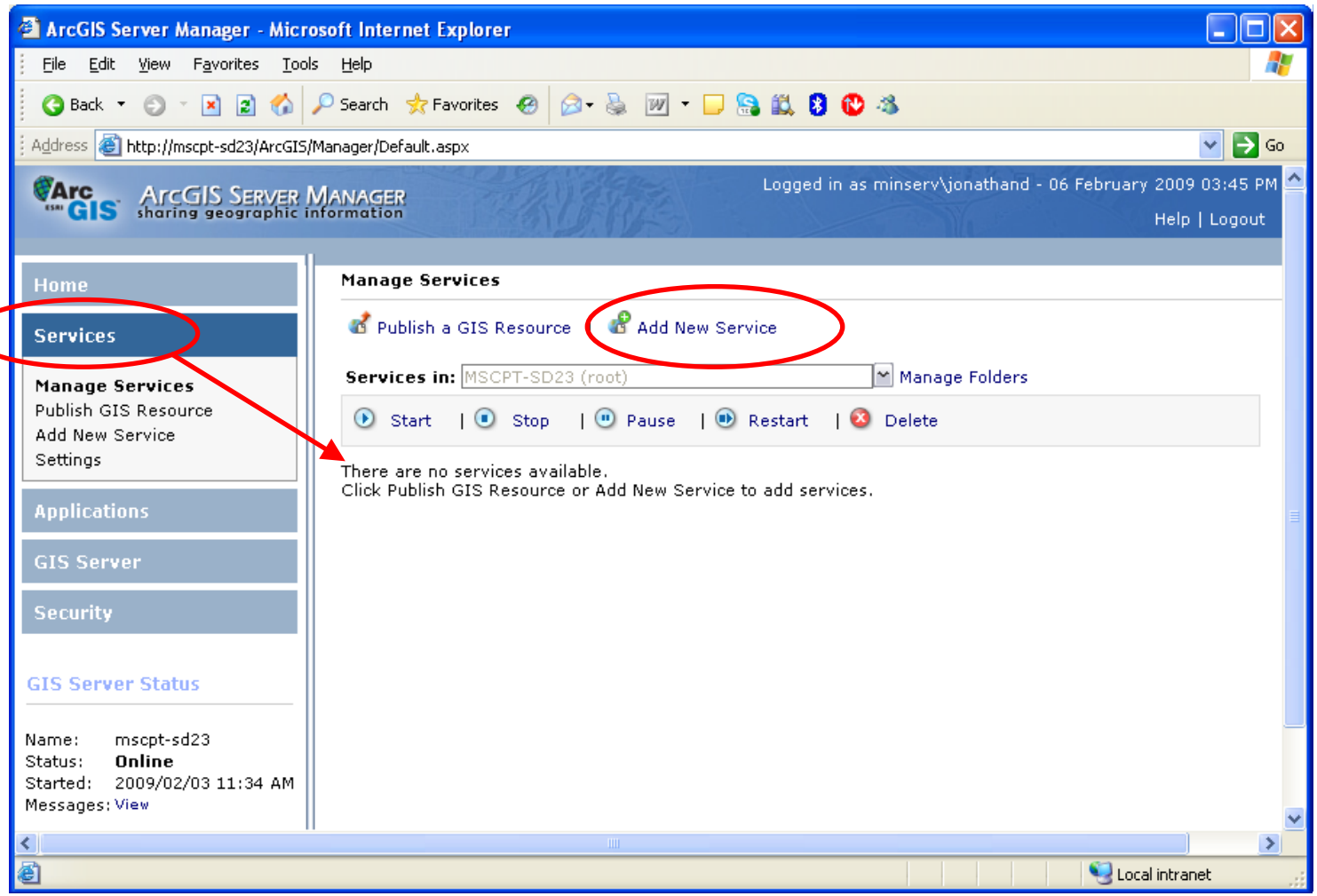

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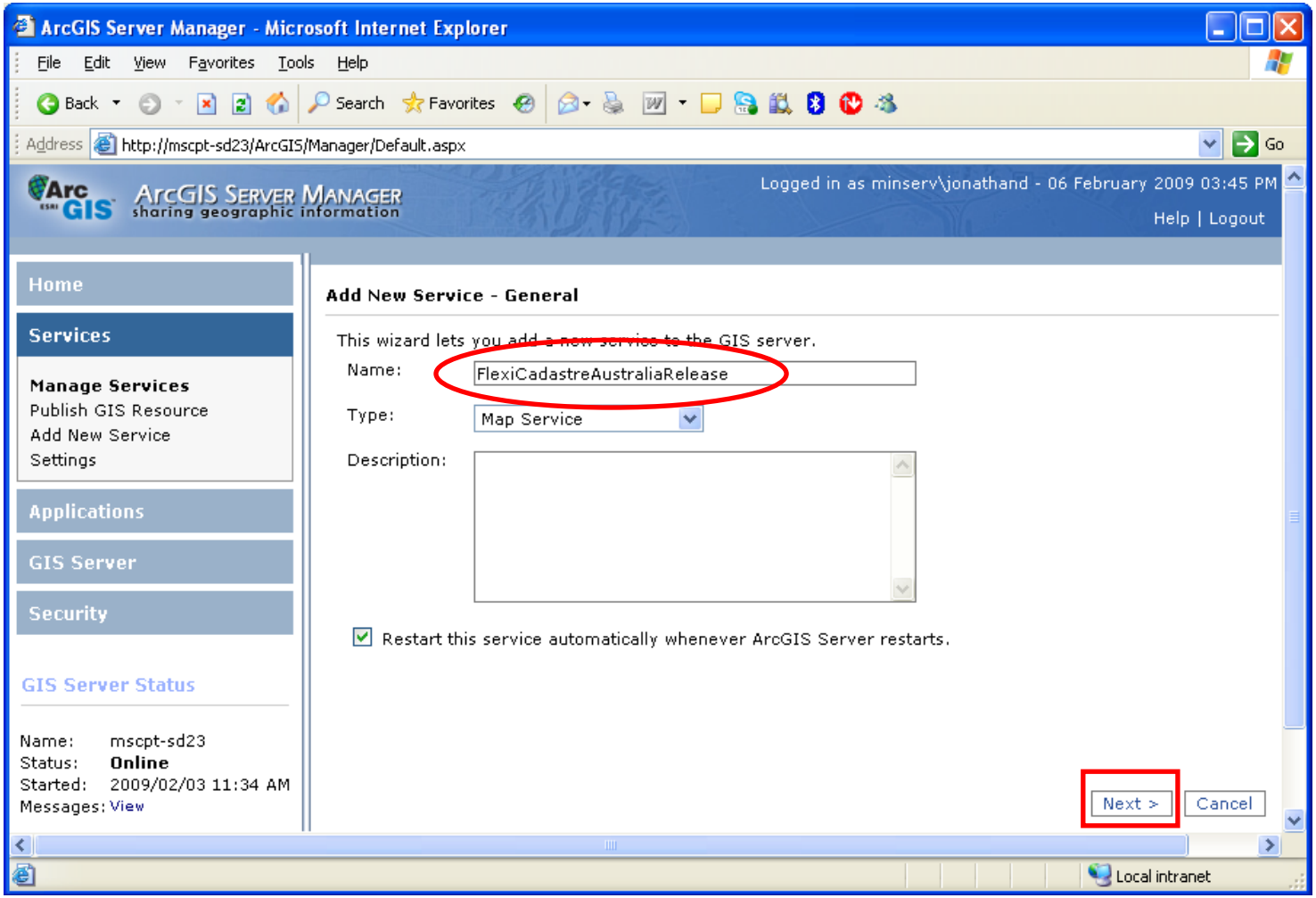

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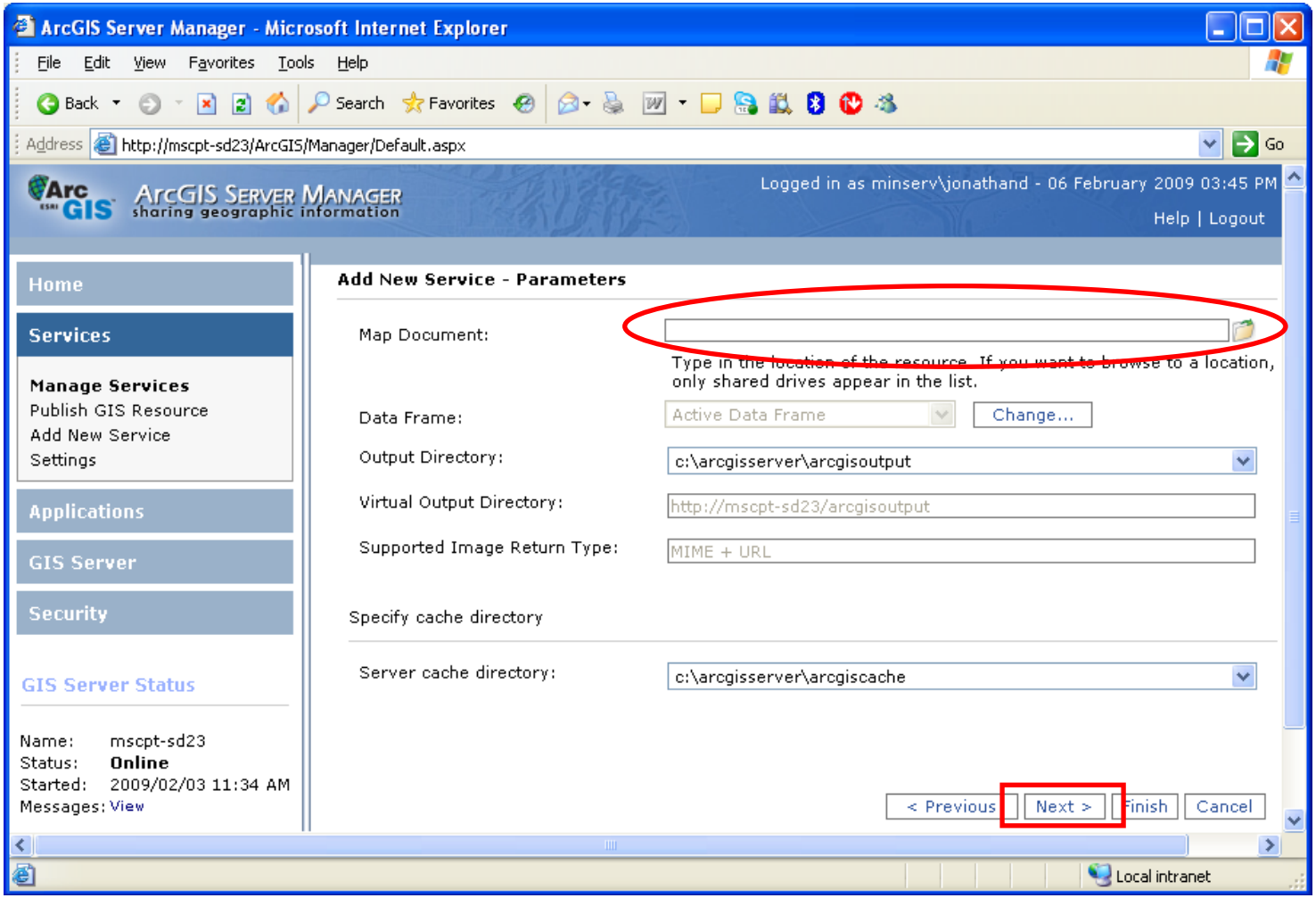

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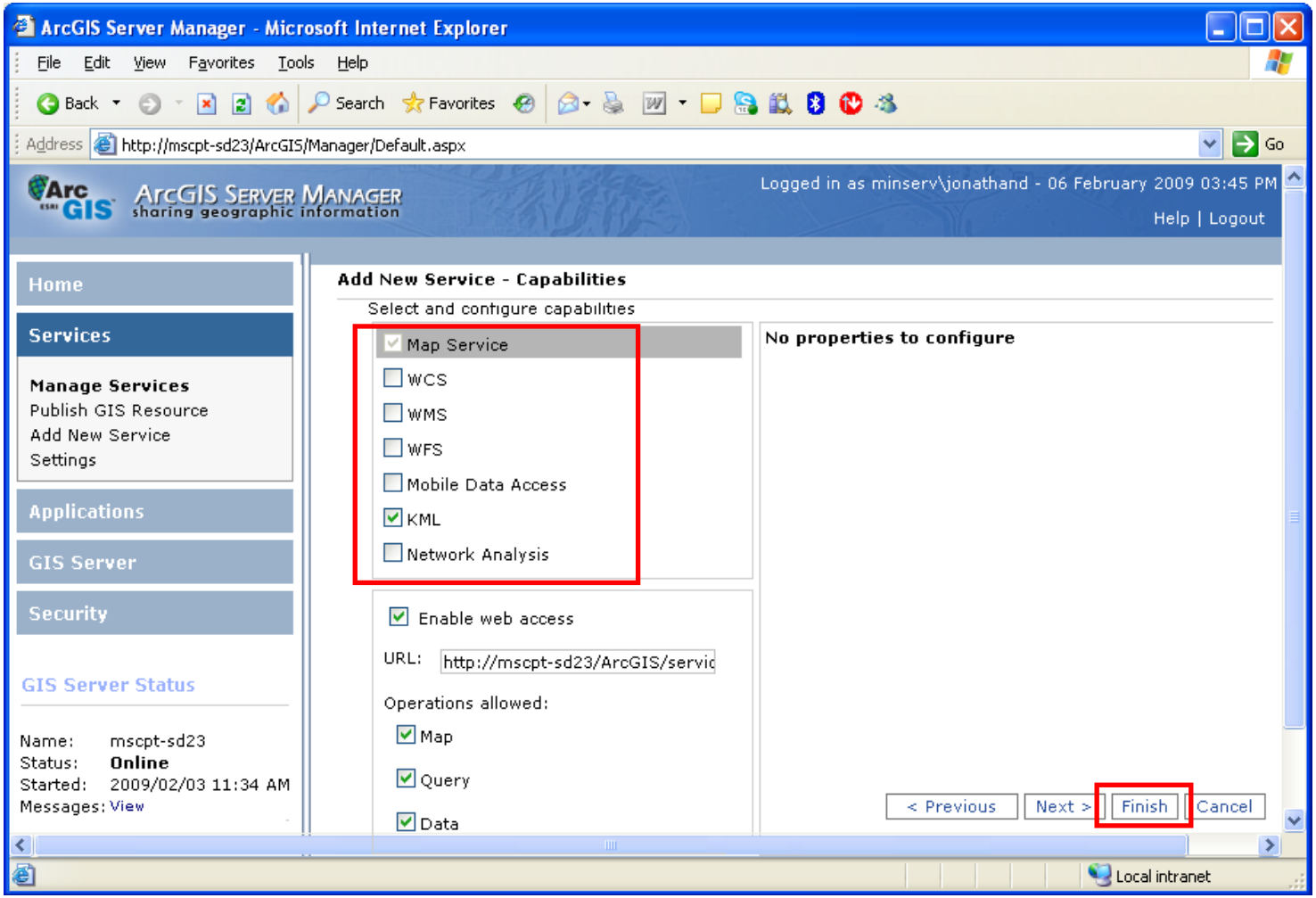

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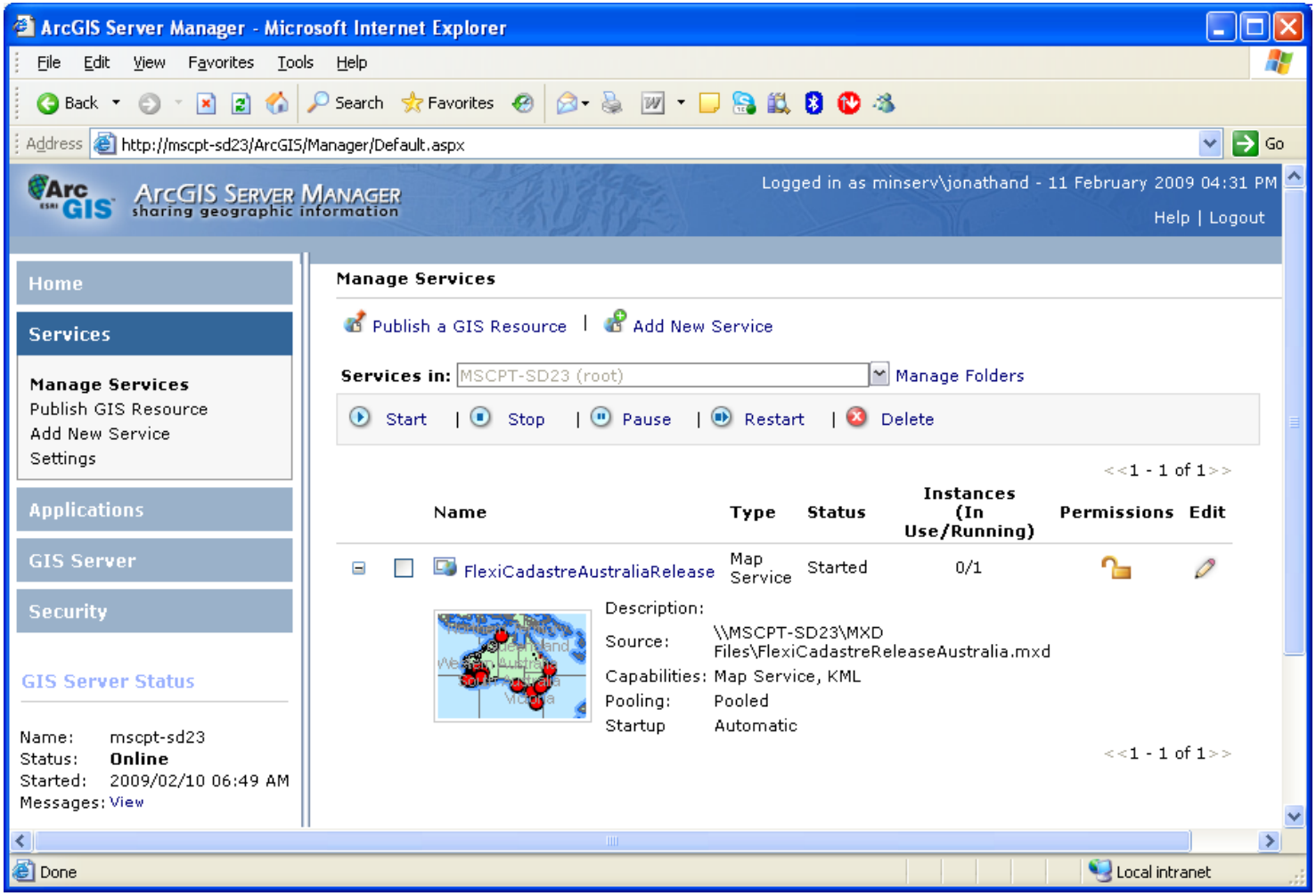

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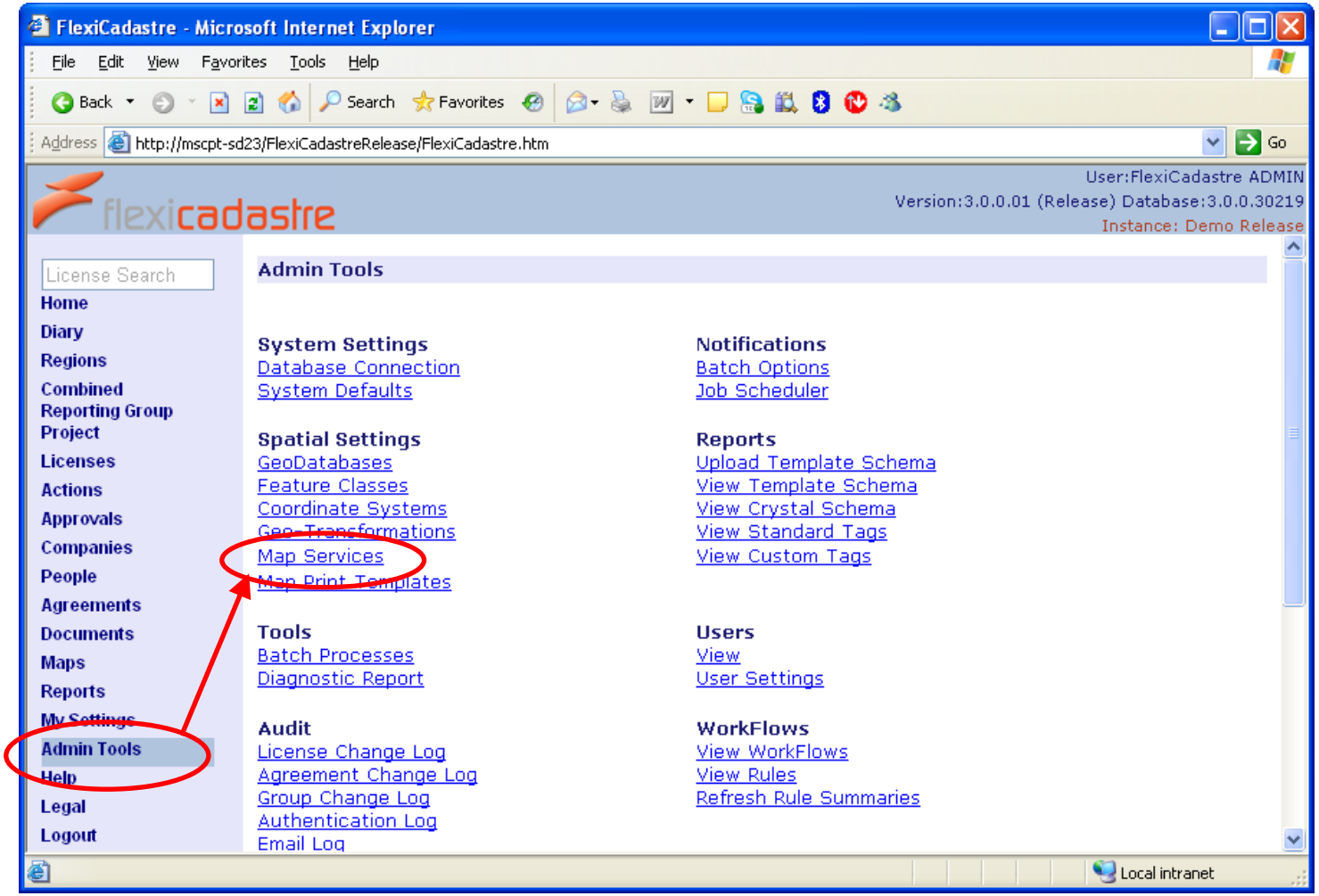

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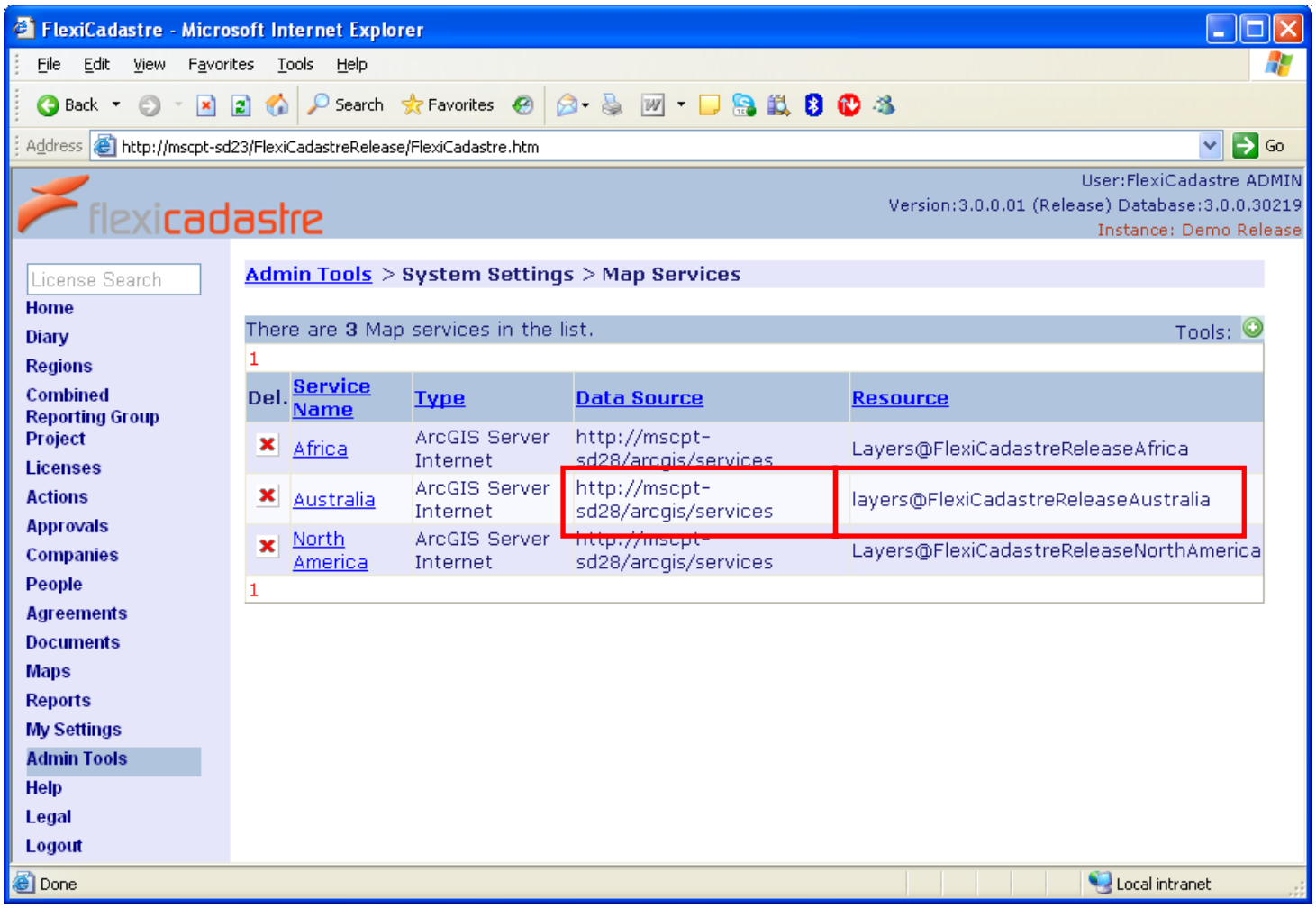

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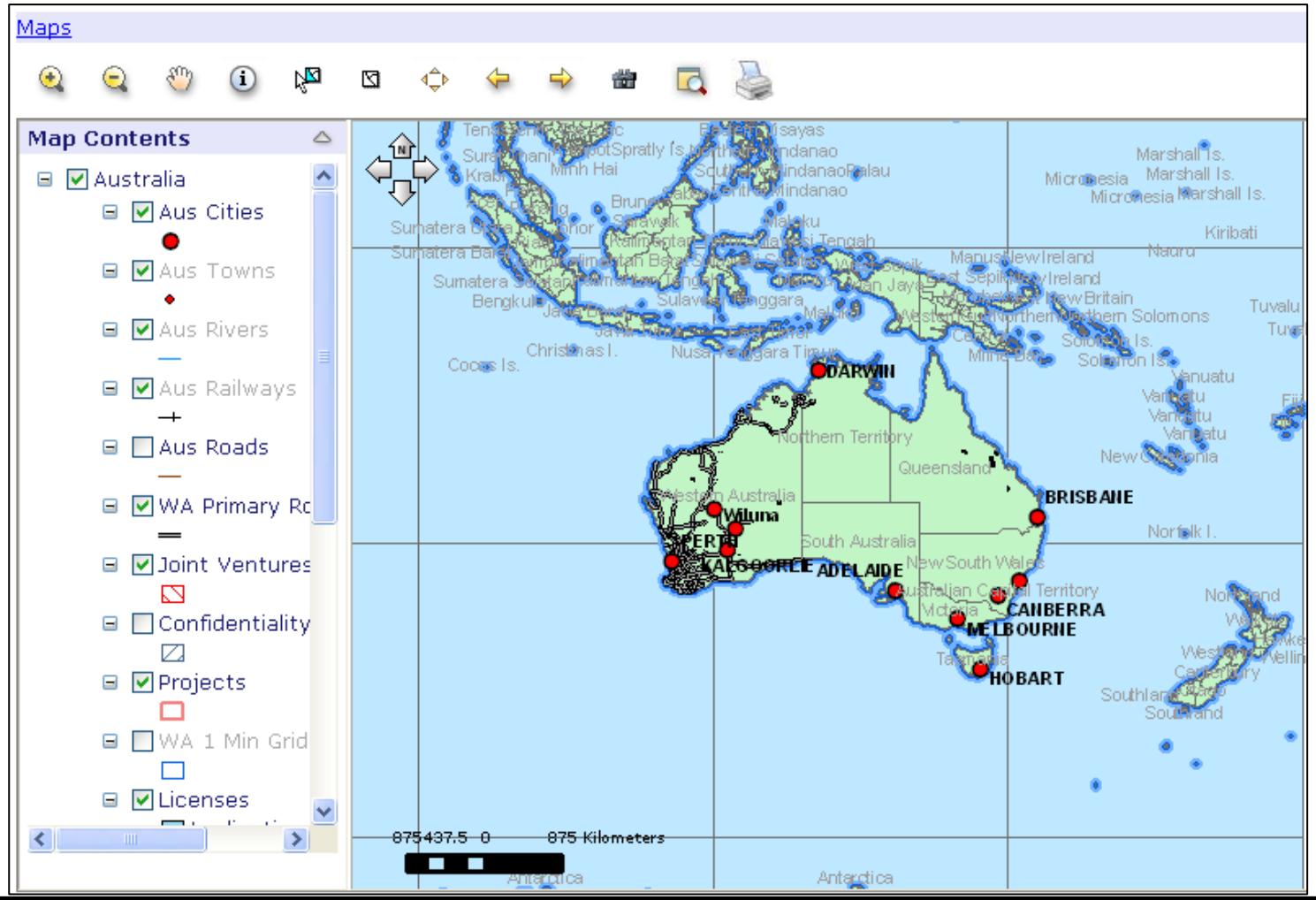

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FLEXICADASTRE MAPPING FUNCTIONALITY DEMO

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THANK YOU

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