What is new in ArcGIS 10.2 for Server

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Recording of this session available here:
ArcGIS for Server

Powerful GIS capabilities
Delivered as Web services
To help real people solve real problems
64 bit

Simplified architecture
Performance Improvements

Map cache status
Windows and Linux friendly

Administration REST API

New publishing workflows
High Quality Print Service

10.1 was a big change to ArcGIS Server
10.2

New Capabilities

- More support for databases
- Real time GIS (GeoEvent Processor)

Quality Release:

- Better administration
- Enhanced security
- Issues fixed

Enables Web GIS

- Builds a human-friendly interface on top of your server
- Self-Service Mapping
- Supports new applications

10.2 is an incremental update to 10.1
Administration
Better Administration

1) ArcGIS Server Manager improvements
   1) Disable copying of data when publishing new services
   2) Discover data sources used by your services
   3) Sharing services with an ArcGIS organization

2) Command-line utilities

   Backup and Restore your ArcGIS server site
Database Support
Better database support

1) Direct database read-write capabilities

2) Netezza and Teradata (read only)

3) OleDB support
Security
Better integration for Windows Active Directory

1) Complete support for Windows Integrated Authentication
   (SSO for using and administering ArcGIS Server services)

2) Supports Public and Private services with Web Tier authentication
   (Before only supported with token based authentication)

3) Support for Windows Active Directory Nested Groups

4) Support for Active Directory Forests
Support for PKI

- Public Key Infrastructure
- Single Sign On
- Requires Web Adaptor
Security hardening and best practices documentation

0) Continued Security Audits

1) More protection against SQL Injection vulnerabilities
   Standardized Queries setting

2) Enhanced security topics in the help
   Always use online help for the latest
GeoEvent Processor
GeoEvent Processor

- New extension
- Enables real-time processing

**Field sensors**

**Input Connectors**

**Real time processing**

**Actions**
- Highlight on a map
- Tell someone (e-mail, SMS…)
- Log incident
- Message other systems

Bring real time GIS into decision making support tools
Real time GIS

is useful across many different industries
Web GIS
ArcGIS for Server

Powerful GIS capabilities
Delivered as Web services
To help real people solve real problems
Organize your maps and apps

enable discovery

10.2 includes tools for easily transform GIS Services into information products and a configurable web site to make them easily discoverable.
Empower people
to use and create maps

10.2 makes it easier for people to work with your ArcGIS Server maps and even create their own.
More apps

10.2 includes new apps that work on top of your ArcGIS Server

Maps everywhere
Key ArcGIS components for WebGIS

- Apps
- Information Products
- Access Control
- Portal
- Web Services
- Data
- GIS Servers
  - Authoring tools
- Ready to use Content

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WebGIS Deployment Patterns

SaaS
Software

ArcGIS Online (Portal)
ArcGIS Online (Hosted Servers)
ArcGIS Online Services
Portal for ArcGIS
ArcGIS Server
ArcGIS Data Appliance
Summary
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