

Agenda

- Security Store types(Built-in vs. AD or LDAP stores)
- Modes of authentication(GIS/Web Tier)
- > Selecting the right Authentication Tier
- > SSL Encryption
- > Other considerations

ArcGIS for Server identity store types:

- >Built-in Store
 - Create users and groups within ArcGIS Server
- > Windows Active Directory
- >LDAP store
 - Leverage the existing security store
- >Other common security stores used:
 - > SQL server Store
 - **Custom ASP.NET providers** → Custom ASP.NET providers
 - **▶**Portal for ArcGIS Federation

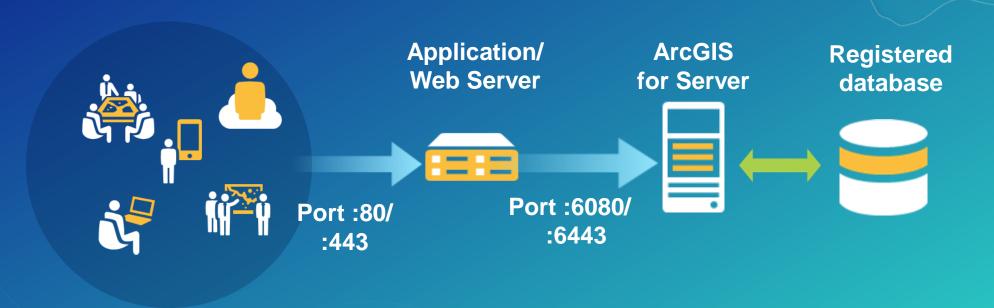
GIS Tier authentication

Authenticated using Esri's token-based authentication mechanism. The web adaptor can be used or can be omitted.



Web Tier authentication

- ArcGIS Server delegates authentication to the web server such as Microsoft IIS, Apache, etc.
- > Requires the use of the Web Adaptor.



Determining the best authentication tier GIS Tier authentication

- > Both public and internal access required
- > Services primarily consumed by clients built using ArcGIS Web APIs
- > Token based support for printing secure services



Determining the best authentication tier (cont.) Web Tier authentication

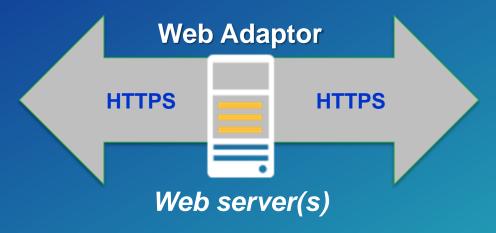
- > Internal user access only.
- > SSO(Single Sign On) requirement
- > No support for Print Services



Encryption

ArcGIS Site









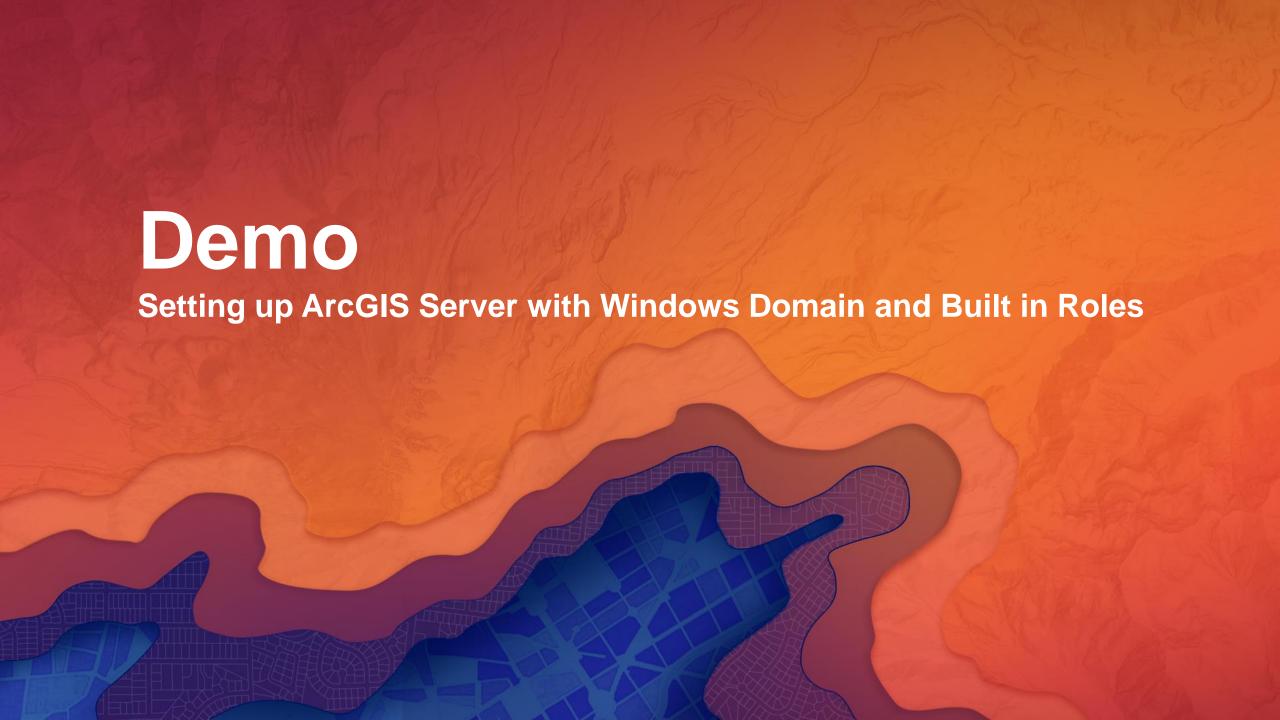
Applications

- ✓ HTTPS end to end
 - √ Valid SSL certificate
 - ✓ SSL Cert on Web Adaptor
 - √ Not required on AGS

Other considerations when setting up secured services

- Disable the PSA (Primary Site Administrator)
- > Limit access to the ArcGIS Server directories
- > Encrypt the ArcGIS Server directories









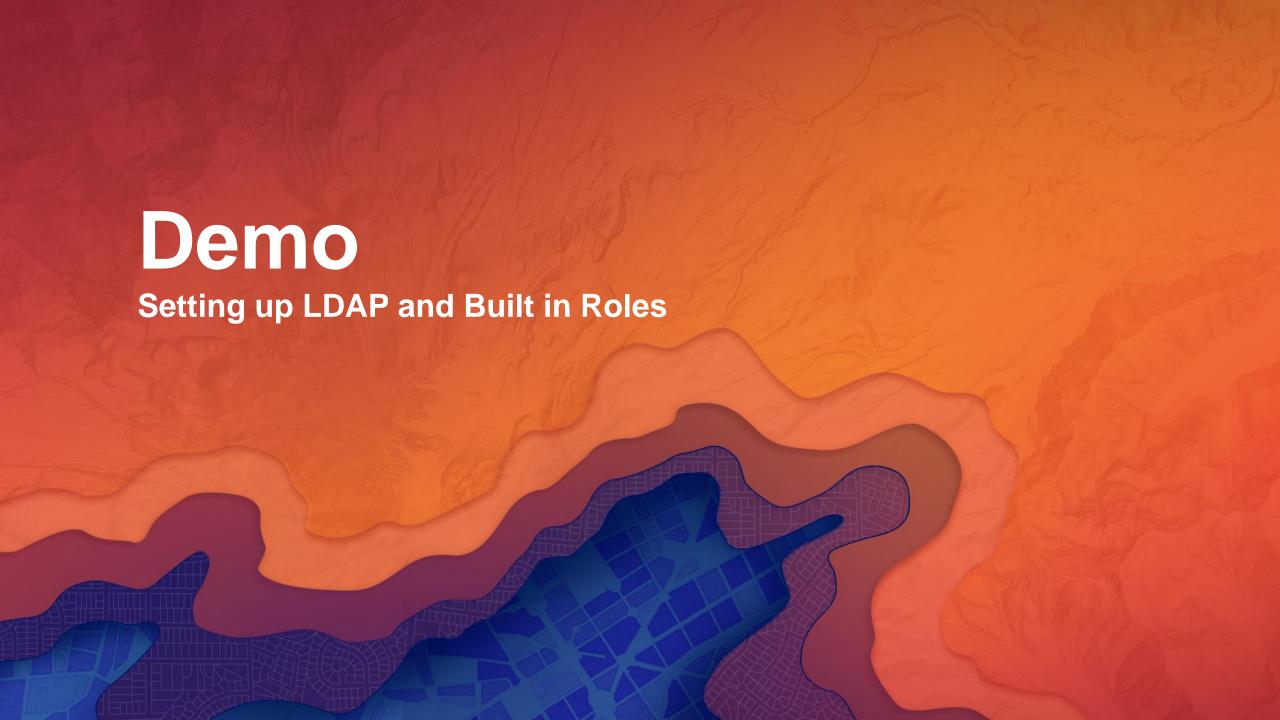


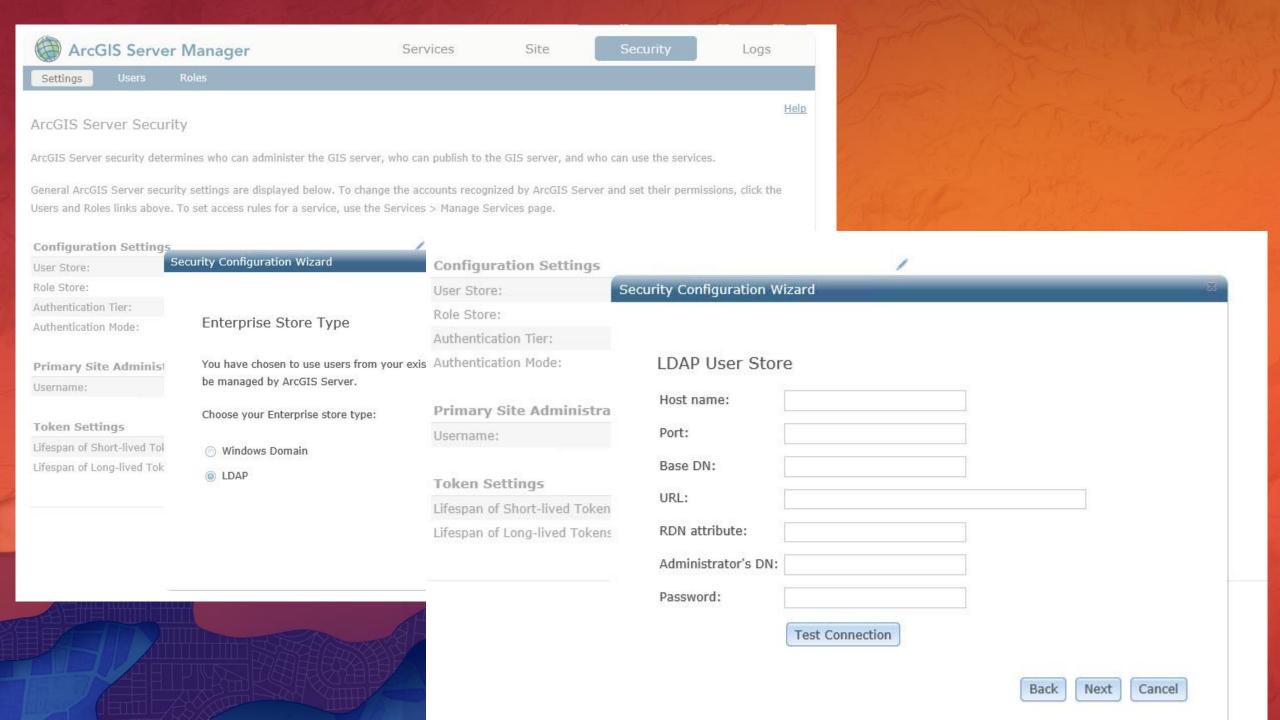


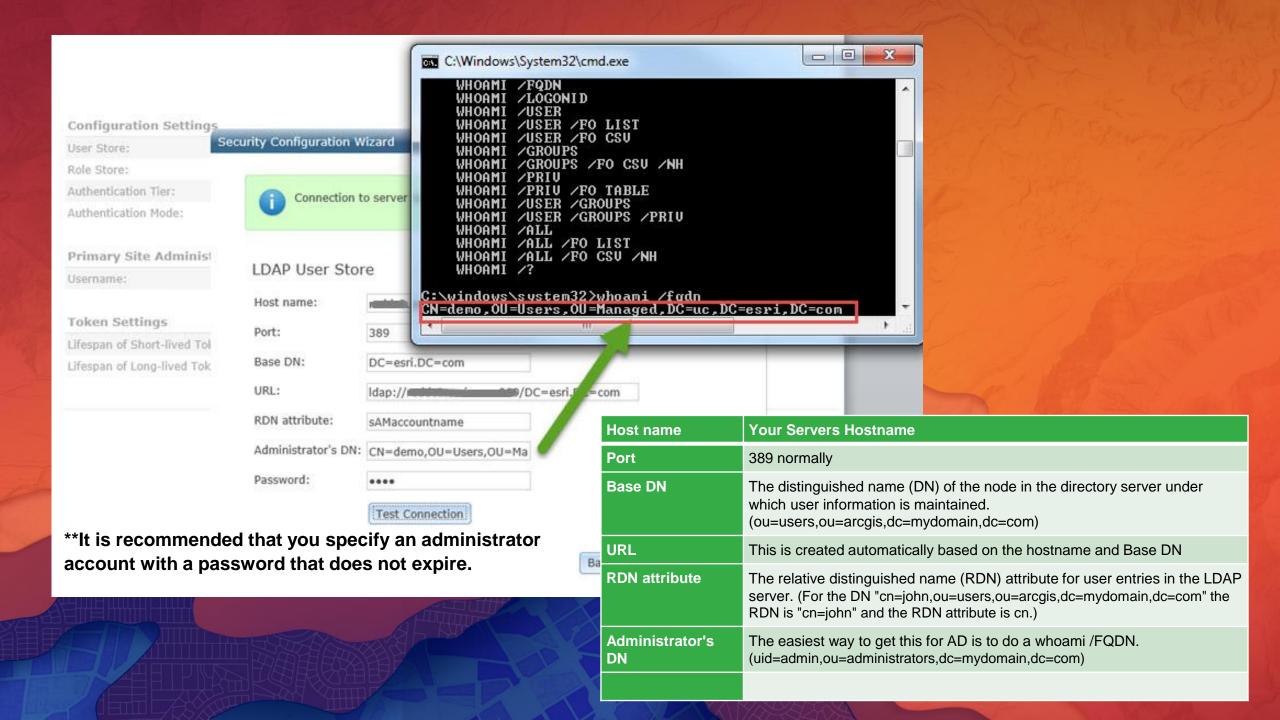


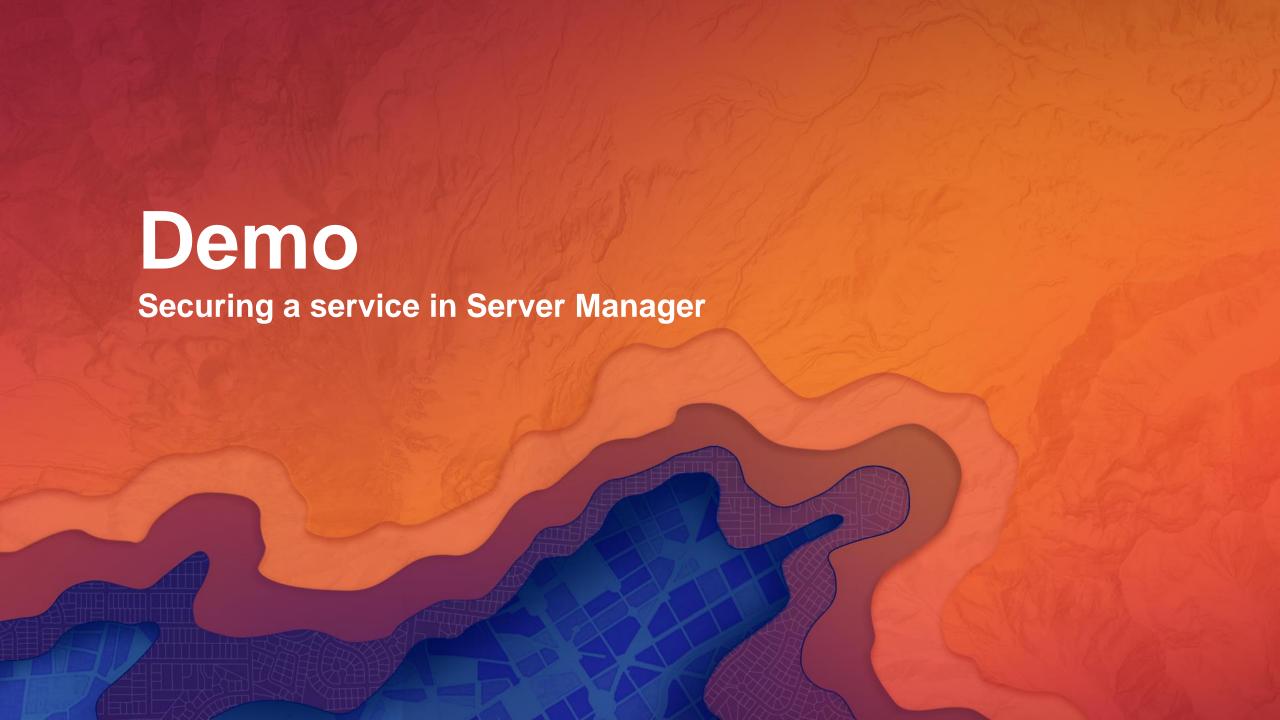


























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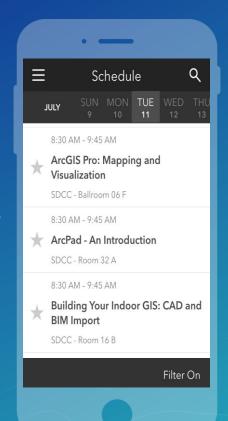


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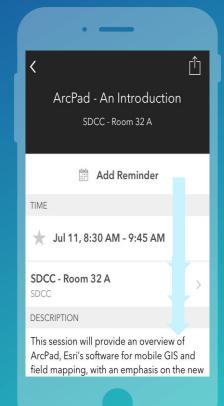
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