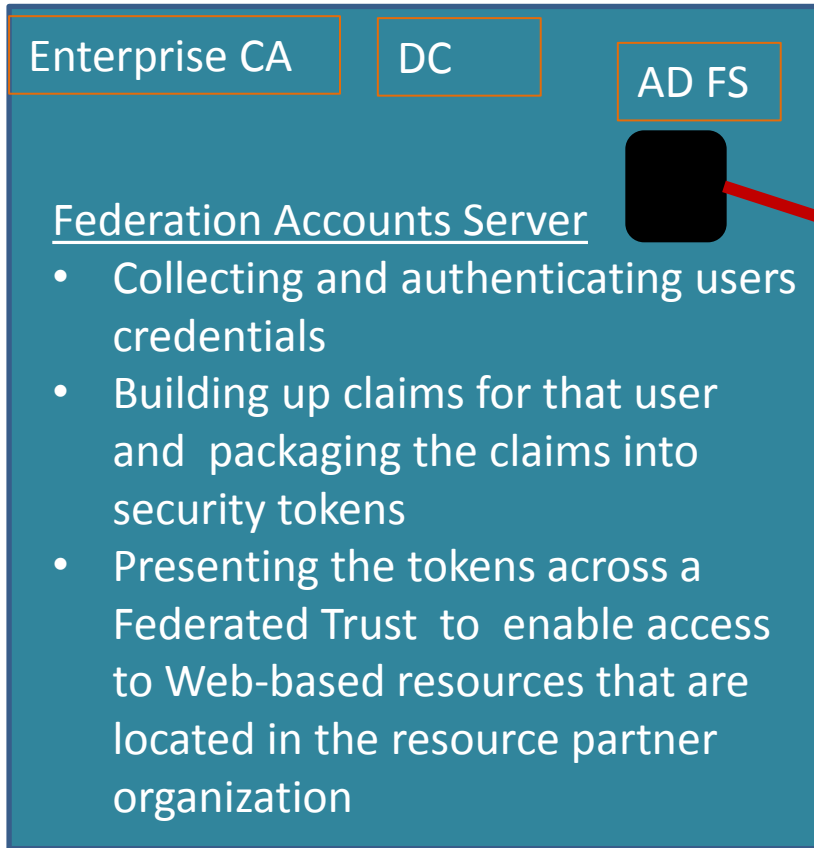


ACTIVE DIRECTORY FEDERATION SERVICES

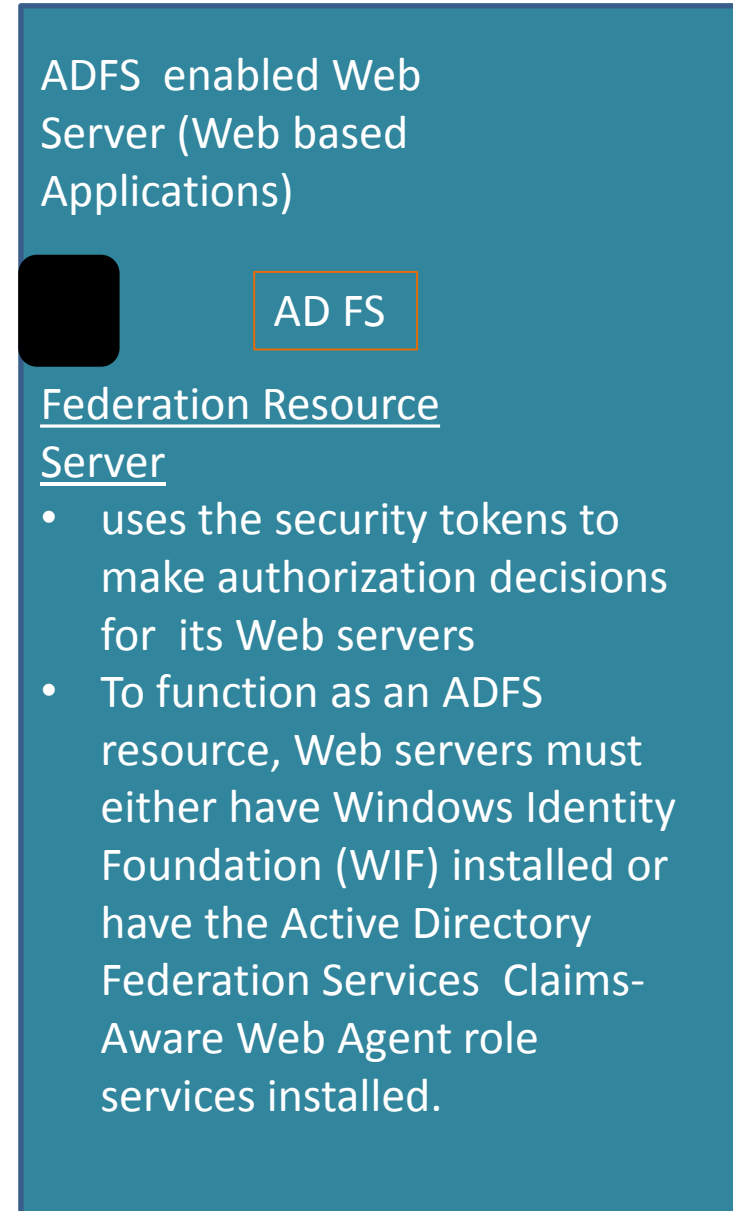
SERVER 2012

Active Directory Federation Services (AD FS) is a software component developed by Microsoft that can be installed on Windows Server operating systems to provide users with single sign-on access to systems and applications located across organizational boundaries.

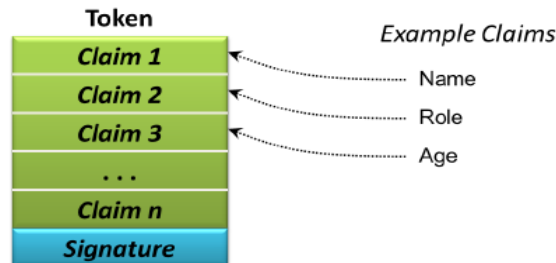
COMPANY A – Accounts Partner



COMPANY B – Resource Partner



In a claims-based world, a token contains one or more *claims*, each of which carries some piece of information about the user it identifies.





- AD FS
 - Service
 - Trust Relationships

Service

Service Overview

AD FS contains several service components that are necessary to set up and manage a Federation Service. These components include endpoints, certificates, and published claims.



Learn About:

[Enabling or Disabling Endpoints](#)

[Managing Federation Server Certificates](#)

[Working with Claims](#)

The service node in AD FS for

- Managing the services provided through endpoints
- Configuring the certificates used for issuing and receiving tokens and publishing metadata
- Configuring claims types

Actions

Service

Edit Federation Service Properties...

Revoke All Proxies

View

New Window from Here

Refresh

Help



- AD FS
 - Service
 - Endpoints
 - Certificates
 - Claim Descriptions
 - Trust Relationships

Service

Service Overview

AD FS contains several service components that are necessary to set up and manage a Federation Service. These components include endpoints, certificates, and published claims.



Learn About:

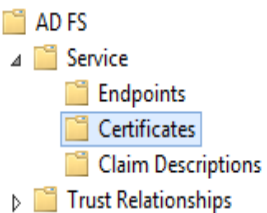
[Enabling or Disabling Endpoints](#)

[Managing Federation Server Certificates](#)

[Working with Claims](#)

In AD FS endpoints are URLs that provide access to various services such as issuing tokens and publishing federation metadata.

Enabled	Proxy Enabled	URL Path	Type	Authn
No	No	/ads/services/trust/2005/issuедtokensymmetrictripleдes	WS-Trust 2005	SAM
No	No	/ads/services/trust/2005/issuедtokensymmetrictripleдessha...	WS-Trust 2005	SAM
No	No	/ads/services/trust/2005/issuедtokenmixedsymmetrictripl...	WS-Trust 2005	SAM
No	No	/ads/services/trust/2005/issuедtokenmixedsymmetrictripl...	WS-Trust 2005	SAM
Yes	No	/ads/services/trust/13/kerberosmixed	WS-Trust 1.3	Kerbe
No	No	/ads/services/trust/13/certificate	WS-Trust 1.3	Certif
Yes	Yes	/ads/services/trust/13/certificatemixed	WS-Trust 1.3	Certif
No	No	/ads/services/trust/13/certificatetransport	WS-Trust 1.3	Certif
No	No	/ads/services/trust/13/usemame	WS-Trust 1.3	Passr
No	No	/ads/services/trust/13/usemamebasictransport	WS-Trust 1.3	Passr
Yes	Yes	/ads/services/trust/13/usemamemixed	WS-Trust 1.3	Passr
No	No	/ads/services/trust/13/issuедtokenasymmetricbasic256	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokenasymmetricbasic256sha...	WS-Trust 1.3	SAM
Yes	Yes	/ads/services/trust/13/issuедtokenmixedasymmetricbasic...	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokenmixedasymmetricbasic...	WS-Trust 1.3	SAM
Yes	Yes	/ads/services/trust/13/issuедtokenmixedsymmetricbasic2...	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokenmixedsymmetricbasic2...	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokensymmetricbasic256	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokensymmetricbasic256sha...	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokensymmetrictripleдes	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokensymmetrictripleдessha...	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokenmixedsymmetrictripleдes	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/issuедtokenmixedsymmetrictripleд...	WS-Trust 1.3	SAM
No	No	/ads/services/trust/13/windows	WS-Trust 1.3	Wind
No	No	/ads/services/trust/13/windowsmixed	WS-Trust 1.3	Wind
No	No	/ads/services/trust/13/windowstransport	WS-Trust 1.3	Wind
Yes	No	/ads/services/trusttcp/windows	WS-Trust 2005	Local
Yes	No	/ads/services/trust/artifactresolution	SAML-ArtifactResolution	Anon



Subject	Issuer	Effective Date	Expiration Date	Status	Primary
Service communications					
CN=WIN-R4408GIKKQK.D...	CN=DeanLashley-WIN-R...	11/7/2013	11/7/2014		
Token-decrypting					
CN=ADFS Encryption - WI...	CN=ADFS Encryption - W...	5/18/2014	5/18/2015		Primary
Token-signing					
CN=ADFS Signing - WIN-R...	CN=ADFS Signing - WIN-...	5/18/2014	5/18/2015		Primary

Actions

- Certificates
 - Add Token-Signing Certificate...
 - Add Token-Decrypting Certificate...
 - Set Service Communications Certif...
- View
 - New Window from Here
- Refresh
- Help
- CN=ADFS Encryption - WIN-R4...
 - View Certificate...
 - Set as Primary
- Help

Service communications: This certificate is used for Windows Communication Foundation Message security. (WCF). Before you can configure AD FS this certificate must be installed as a SSL certificate on the Default Website of the local instance of IIS.

Token-Decrypting: This is used to decrypt tokens the Federation Service receives.

Token-signing: This certificate is used to sign tokens the Federation Service issues.

FILE ACTION VIEW WINDOW HELP

AD FS

- Service
 - Endpoints
 - Certificates
 - Claim Descriptions**
 - Trust Relationships

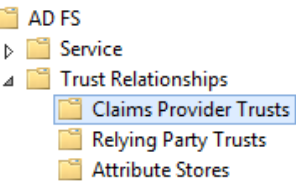
Claim Descriptions

Name	Claim Type	Published ...	Published ...
E-Mail Address	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
Given Name	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
Name	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
UPN	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
Common Name	http://schemas.xmlsoap.org/claims/CommonName	Yes	Yes
AD FS 1.x E-Mail Address	http://schemas.xmlsoap.org/claims/EmailAddress	Yes	Yes
Group	http://schemas.xmlsoap.org/claims/Group	Yes	Yes
AD FS 1.x UPN	http://schemas.xmlsoap.org/claims/UPN	Yes	Yes
Role	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Surname	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
PPID	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
Name ID	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
Authentication time stamp	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Authentication method	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Deny only group SID	http://schemas.xmlsoap.org/ws/2005/05/identit...	Yes	Yes
Deny only primary SID	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Deny only primary group SID	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Group SID	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Primary group SID	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Primary SID	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes
Windows account name	http://schemas.microsoft.com/ws/2008/06/iden...	Yes	Yes

Actions

- Claim Descriptions
 - Add Claim Description...
 - View
 - New Window from Here
 - Refresh
 - Help
- E-Mail Address
 - Properties
 - Delete
 - Help

CLAIMS DESCRIPTION: Through this node you can find information about the claims the local Server is currently able to assert about identities.



Claims Provider Trusts	
Display Name	Enabled
Active Directory	Yes

Actions

- Claims Provider Trusts
- Add Claims Provider Trust...
- View
- New Window from Here
- Refresh
- Help
- Active Directory
 - Update from Federation Metadata..

The Trust Relationship Node enables you to manage the trust relationships of the Federated Service. The three child nodes enable you to add and configure policies For claims providers, relying parties and attribute stores.

