



BT and Federation

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Agenda

- Why Federation?
- Federation Infrastructure
- Our Experience
- Trust Model
- Next Steps
- Federation Are We Ready

Why Federation – Business Challenge

- Improve Security for existing partnerships
 - 60,000 partner IDs
 - 2,000+ existing partnerships
- Launching new products based on partnerships
- Extension of Web Access Management Security

What We Deployed

- “Common Federation Gateway” based on CA SiteMinder Federation Security Services
- For In Bound
 - Java extensions to call provisioning processes
- For Out Bound
 - Used existing provisioning process

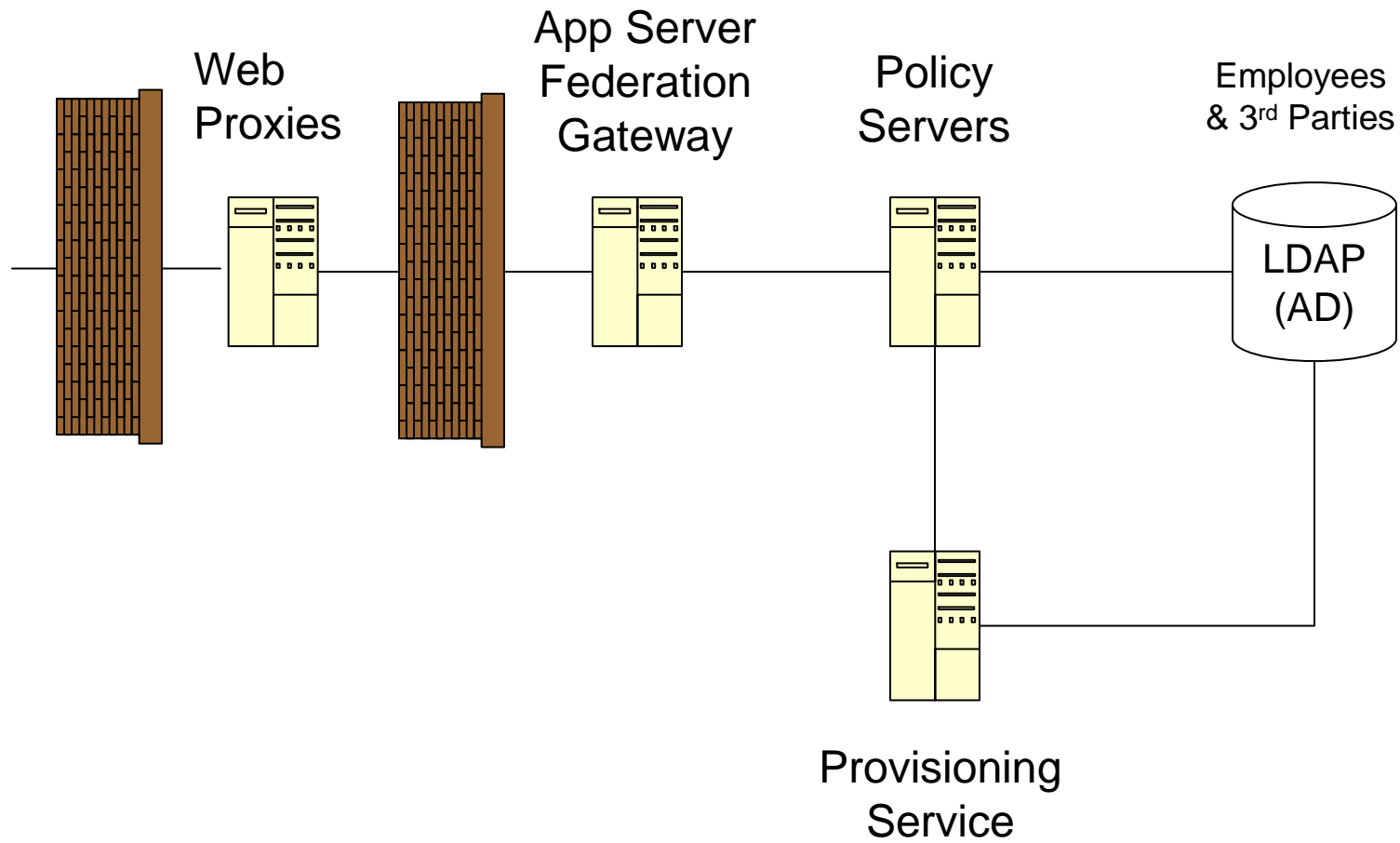
Federation Infrastructure

- CA SiteMinder 5.5 and CA SiteMinder 6.0
- 36,000,000+ transactions per day
- 150,000 employees, partners
- 8,000,000 online customers (20,000,000 potential)

Federated Partners now have access to

- Peoplesoft
- Siebel
- Oracle Applications (Financials)
- Citrix (NFuse / Web Access)
- XML Gateway
- Voice Verification (Persay)

What We Deployed



Benefits Achieved

- Managed User Identity as a Common Capability
 - Separation of Authentication and Authorisation from application logic
- Legacy Authentication Services (e.g RADIUS) retired
- Consolidation of user stores and user accounts
- Reduction in FTE dealing with 3rd party access

Our Experience – Causes of Pain

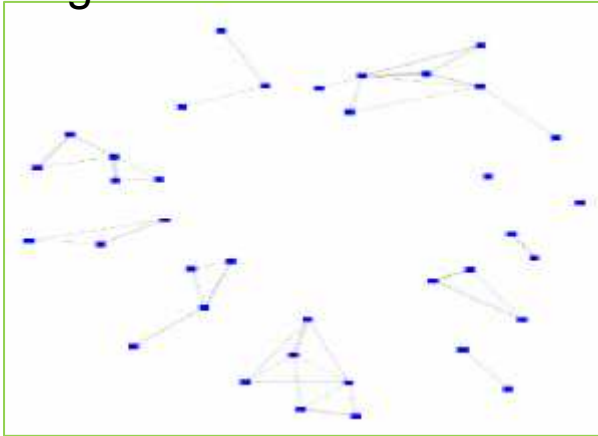
- Supported SAML Version with Partners
- Legal contracts
 - Trust
 - Liability
 - Point to Point
- Integration of PKI
- Hand-holding!

Trust Model – Existing Standards

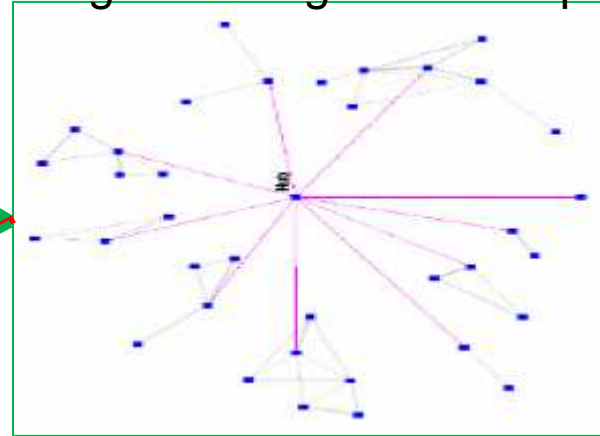
- SAML AuthnContext
- RFCs 3280 and 3647
- WS-Trust
- NIST 800-63
- Liberty Alliance Identity Assurance Framework

Progress of Federation Trust Models?

Stage 1 – Scattered clusters



Stage 2 – Single Hub & Spoke

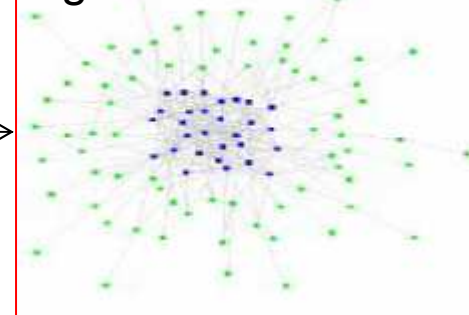


X - we are struggling with issues here

Stage 3 – Multi Hubbed small world



Stage 4 – Meshed multi hubbed



Next Steps

- Federate Guidelines
 - Ultimately publish via UDDI?
- Federate with more partners
- Introduce use of roles
- Federation toolkit
 - Licensed
 - Open source
- “Standard” federation agreement
- Exposing Services Securely to Partners
- More work needed by the community

Questions & Answers



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