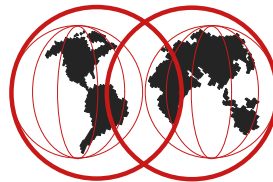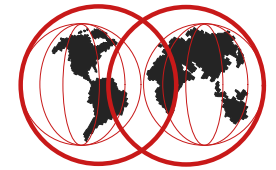**IBM ITSO Poughkeepsie
OS/390 in an e-business environment**
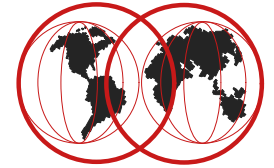
IBM Web Server for OS/390 History

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OS/390 Web Server History

IBM Internet Connection Server for MVS/ESA

- **ICS V1   5655-156**
- **GA: Dec. 1995   for MVS/ESA 5.2.2**
- **No SSL Support**
- **Features:**
  - CGI Support
  - Remote Server Configuration
  - EBCDIC/ASCII File Access
  - Thread Level Security
  - Surrogate UserID
  - MVS Login UserID
  - Server Side Includes (SSI)
  - Bind Specific
  - Proxy Function
  - Proxy Authenticate

OS/390 Web Server History

IBM Internet Connection Secure Server for OS/390

- **ICSS V2R1**

- **GA: Sept. 1996   for OS/390 R2** (later for MVS 5.2.2 with PQ02783)

- **Additional Features:**

  - SSL V2 Support
  - S-HTTP Support
  - Internet Connection API (ICAPI)
  - Logging and Reporting

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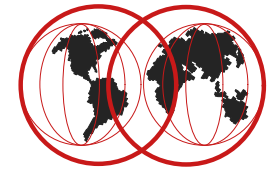
OS/390 Web Server History

IBM Internet Connection Secure Server for OS/390

- **ICSS V2R2   5697-B14**
- **GA: Mar. 1997   for OS/390 R3**
- **Additional Features:**
  - SSL V3 Support
  - SNMP MIB Support
  - Automatic Browser Detection
  - PICS Server Support
  - COOKIES Support
  - Service functions like Pagecounter
- **Removed Features**
  - S-HTTP Support
    - **Removed in this release because of the lack of support at the web browser level**

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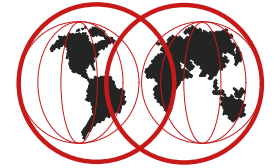
OS/390 Web Server History
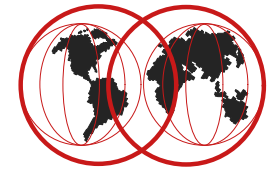
Domino Go Webserver for OS/390

- **DGW 4.6.0**

- **GA: Sept. 1997 for OS/390 R4**

- **DGW 4.6.0 was in fact ICSS 2.2 renamed to Domino Go Webserver.**

- **It had several APAR fixes applied and was integrated in the shipment of OS/390 R4**

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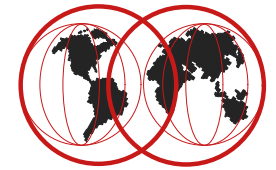
OS/390 Web Server History
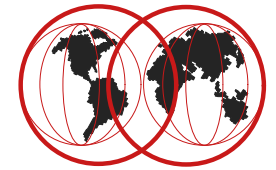
Domino Go Webserver for OS/390

- **DGW 4.6.1   5697-C58**
- **GA: Nov. 1997   for OS/390 R4**
- **Additional Features:**
  - Certificate Authentication
  - FastCGI Support
  - Java Servlets Support (external Servlets)
  - GWAPI Support (renamed ICAPI Support)
- **An APAR enhanced Version was included in the shipment of OS/390 R5 in March 1998**

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Roland Trauner   trauner@us.ibm.com

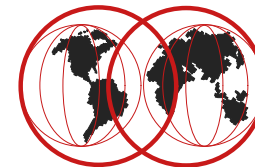# OS/390 Web Server History

Domino Go Webserver for OS/390

- **DGW 5.0   5697-D43**
- **GA: June 1998   for OS/390 R5**
- **Additional Features:**
  - Java Servlet Express (internal Servlet Support)
  - Domino Go Certificate Authority (Go CA)
  - Cryptographic Key Size Selection
  - Multiple Certificate Support
  - US-Export Security 128-Bit Encryption for Financial Institutes
  - Web Traffic Express   (Proxy Server Enhancements)
  - LDAP Support
  - Y2000 Ready
- **An APAR enhanced Version was included in the shipment of OS/390 R6 in September 1998**

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OS/390 Web Server History

Domino Go Webserver for OS/390

- **DGW 5.0 cont.**

- **Enhanced Areas:**
  - ▶ MKKF and CERTUTIL have been replaced by the IKEYMAN Utility and by Domino Go CA
  - ▶ WLM-enabled server now allows SSL encryption in the Queue Server Address Space
  - ▶ GUI enhancements

- **Removed Functions:**
  - ▶ The IMWSendMail utility have been removed --- partly
  - ▶ Documentation removed but the utility and config file still exists
  - ▶ We have not tested the 5.0 IMWSendMail utility

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OS/390 Web Server History

WebSphere Product Line

- **IBM HTTP Server V5.1 for OS/390   5647-A01**
  - ► Fast Response Cache Accelerator
  - ► HTTP Server CA