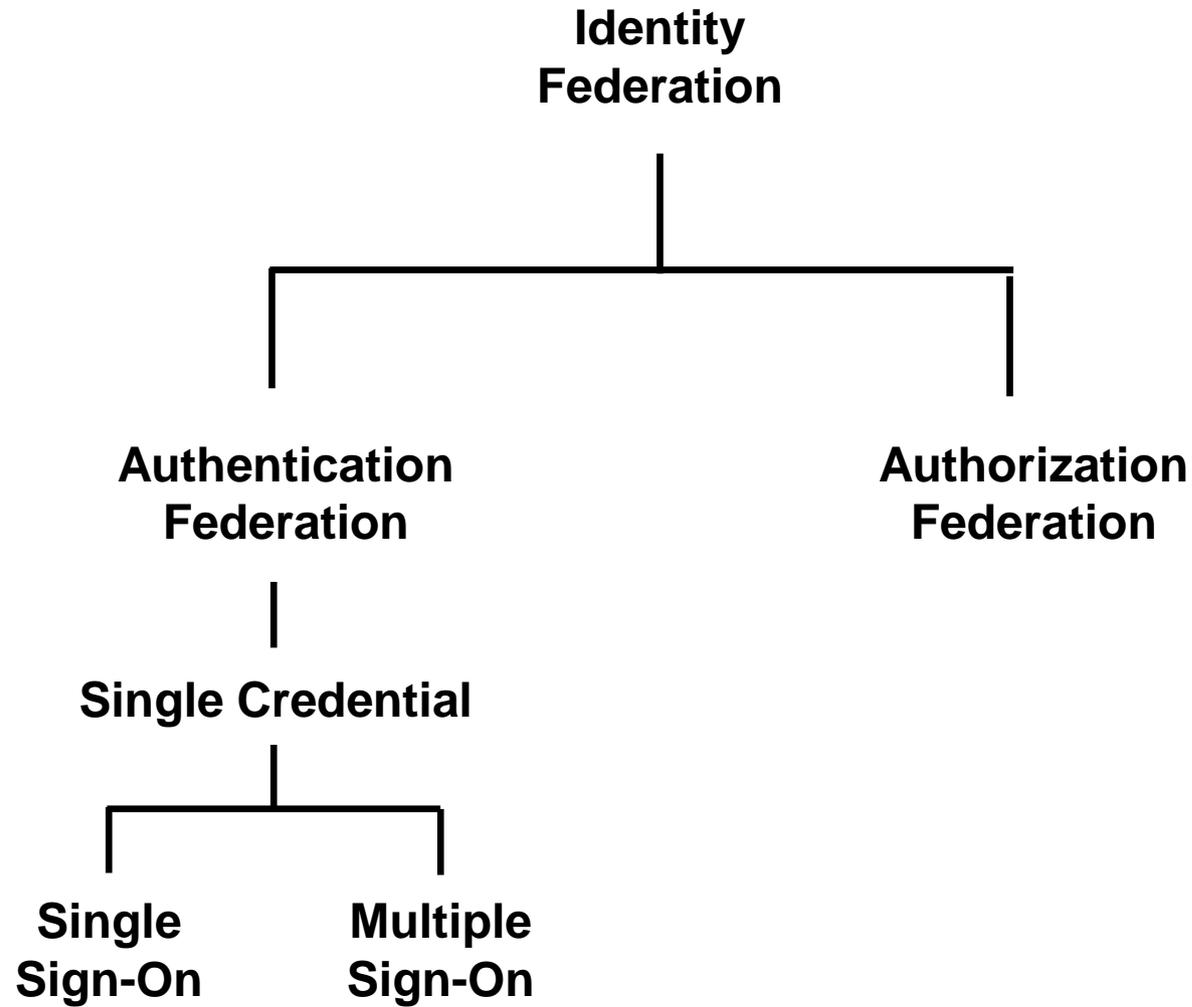


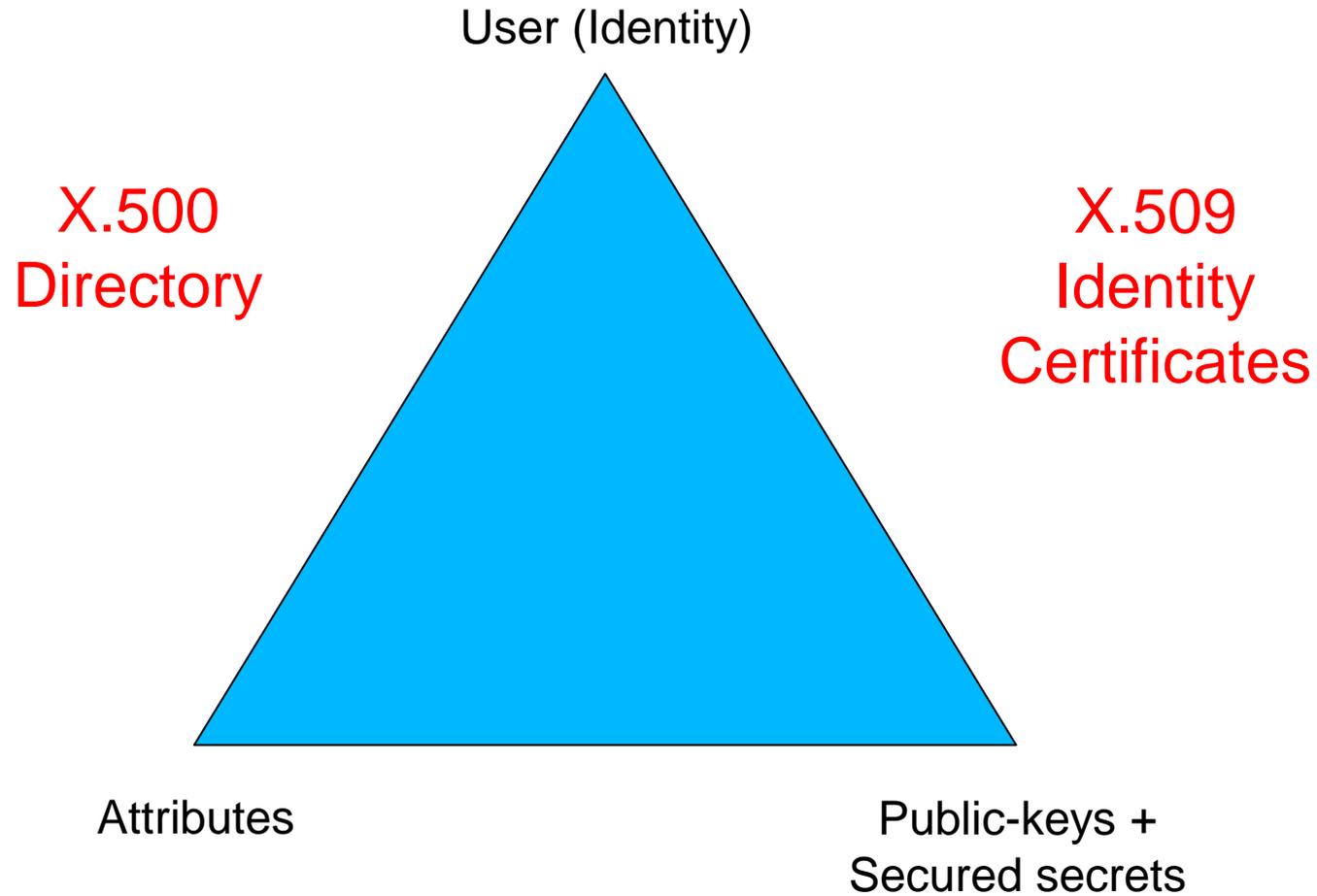
Authentication and Authorization Federation

Prof. Ravi Sandhu
Executive Director and Endowed Chair

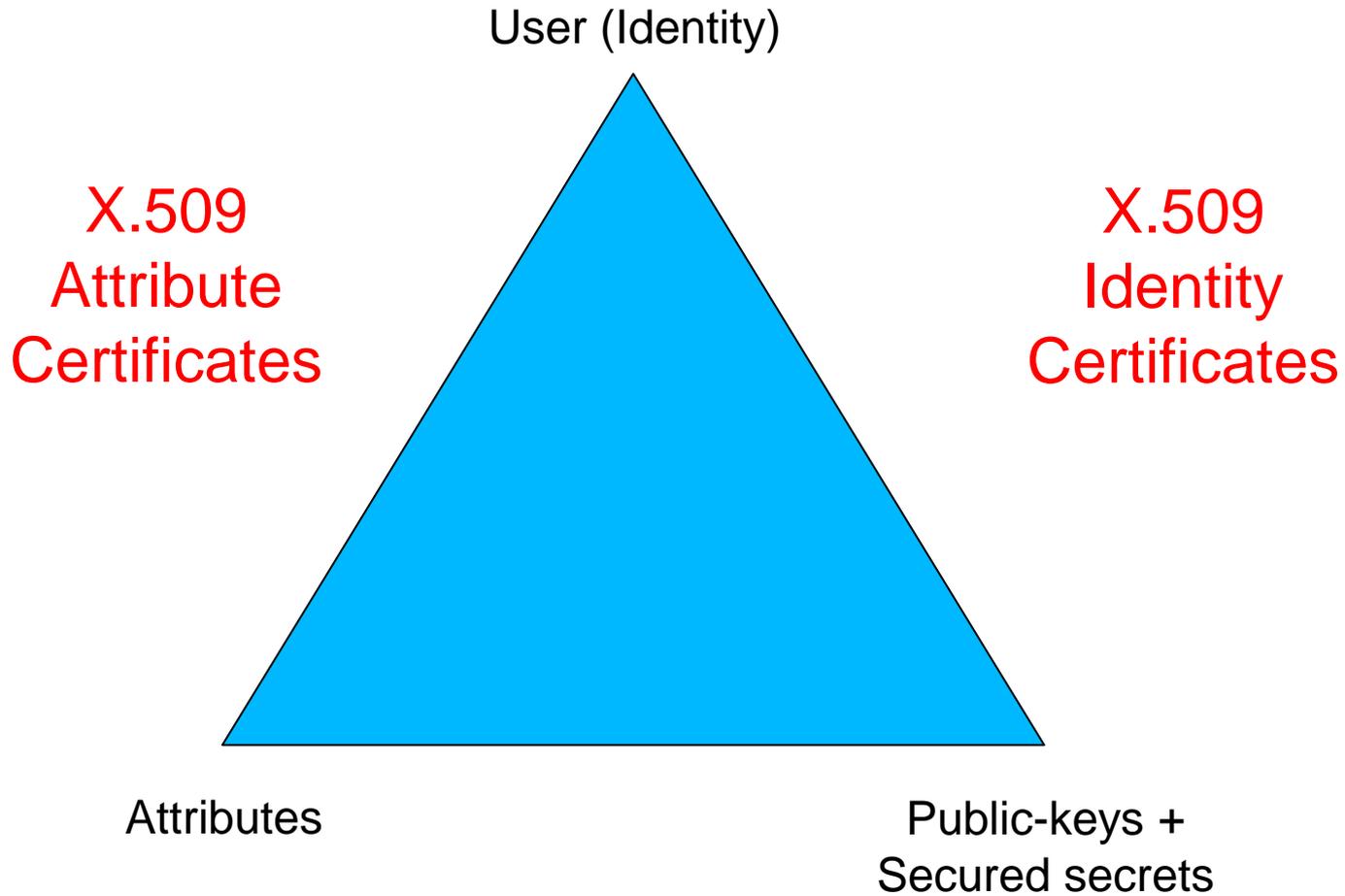
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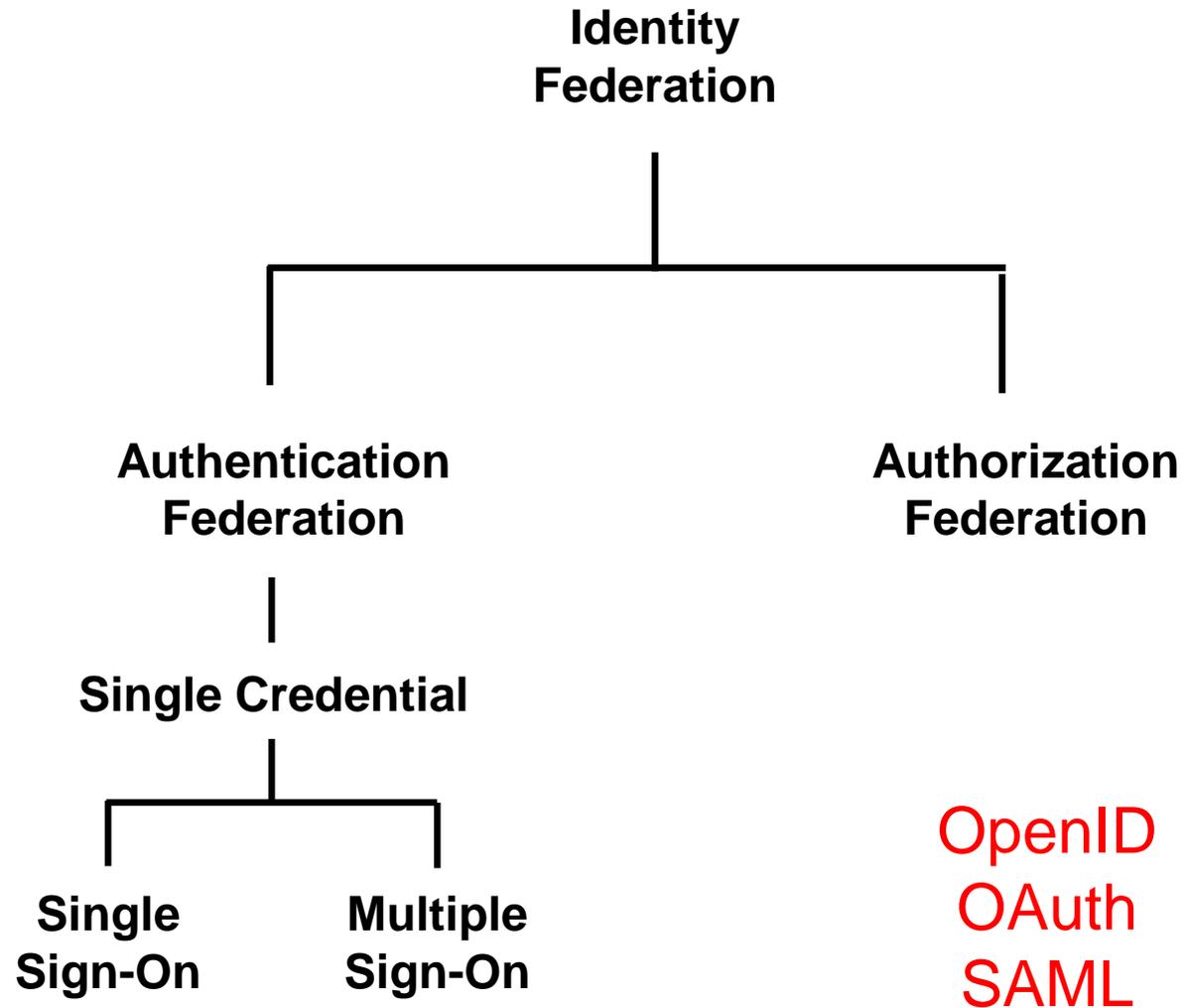




Pre Internet, early 1990s



Post Internet, late 1990s



NIST ABAC Building Block Page 12 Diagram