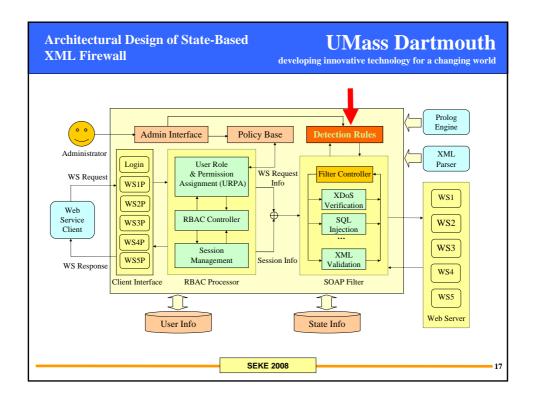
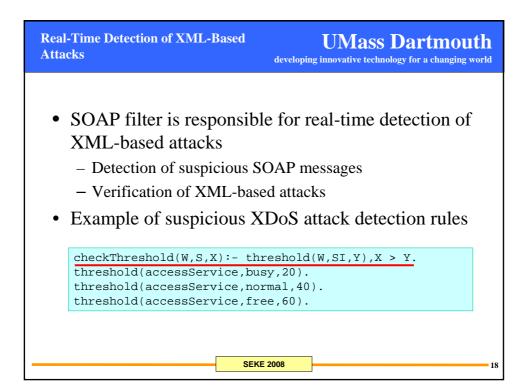
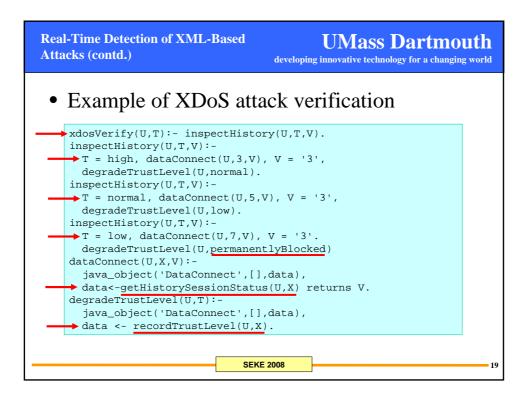
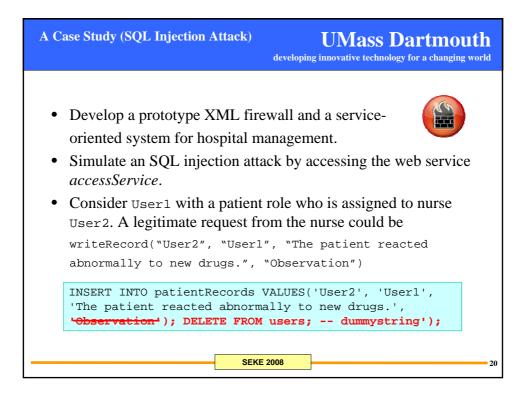


A Hospital Management Example UMass Dartmouth developing innovative technology for a changing world
<pre>isValidRole(patient). isValidRole(doctor). isValidRole(nurse). isValidRole(staff). isValidRole(pharmacist). assignRole(U,R) :- isValidRole(R). canInvoke(R,T,billingService,accessBill):- contains(R,[staff,pharmacist,patient]), contains(T,[normal,high]). canInvoke(R,T,billingService,computeBill):- contains(R,[staff,pharmacist]), contains(T,[normal,high]). canInvoke(R,T,accessService,readRecord):- contains(R,[doctor,nurse,patient]), contains(T,[normal,high]). canInvoke(R,T,accessService,writeRecord,P,U):- contains(R,[doctor,nurse]), contains(T,[normal,high]), assignPatient(P,U), assignRole(P,patient), assignRole(U,R). canInvoke(R,T,contactService,accessContact):- contains(R,[staff,doctor,nurse,patient]), contains(T,[normal,high]).</pre>
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nformation for SQL Injection tion UMass Dartmouth developing innovative technology for a changing world
Log Info (XML Firewall 1.0)
2008-02-22 10:22:52.267 : User login - User1, Sesion created - S75   2008-02-22 10:22:52.335 : User1 is assigned the role of patient   2008-02-22 10:23:05.387 : User login - User2, Sesion created - S96   2008-02-22 10:23:05.468 : User2 is assigned the role of nurse   2008-02-22 10:23:05.468 : User1 is assigned to User2 for observation   2008-02-22 10:23:13.524 : Request from User2 - invoke writeRecord in WS writeService   2008-02-22 10:23:13.546 : User2 has enough tokens   2008-02-22 10:23:13.646 : User2 has been detected for SQL injection attack   2008-02-22 10:23:13.626 : Parameters sent - {user2, user1, The patient reacted abnormal to new drugs, observation; Delete from users; dummystring}   2008-02-22 10:23:13.627 : Session S96 closed.
Show All Logs SQL Injection XDoS Detection
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