

- iii. **Signature Analysis:** Signature analysis follows exactly the same knowledge-acquisition approach as expert systems, but the knowledge acquired is exploited in a different way.^[8] The semantic description of the attacks is transformed into information that can be found in the audit trail in a straightforward way. For example, attack scenarios might be translated into the sequences of audit events they generate, or into patterns of data that can be sought in the audit trail generated by the system.