Iona and CORBA Security

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Design Issues

- **Implementing Security Level 1**

- **Using Interceptors**

- **The GSS API**

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Implementing Security Level 1

- **No clear distinction between levels 1 and 2,**
- **Mandatory auditing is required for level 1 but audit decision is specified in level 2,**
- **Credentials are used throughout level 1 but are specified in level 2,**
- **Would benfit from splitting into base security and security services.**

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Using Interceptors

- We have used filters and transformers instead of interceptors
- Why distinguish between client_invoke and target_invoke ?
- If interceptors are a general purpose ORB feature why are they not specified as part of CORBA ?

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The GSS API

- **We have tried to use the GSS API wherever possible,**
- **We are developing our own ITGSS API,**
- **We would like to see a CORBA GSS to cover CORBA security level 1 features.**

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