

Security

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Security

A. Java Security Features

At issue: user trust

B. Jest Integration with ECS

At issue: secure ECS access



Java Security Features

Safe Program Execution

- Bytecode verification prior to each execution
- Array bounds checks
- No pointers

Enforced Security Model - Netscape

- No local file access
- Network access only to source host

Security Model Extensions

- Signed applets, security manager (Netscape Communicator)
- Sandbox (Castanet tuner)

Jest Integration with ECS

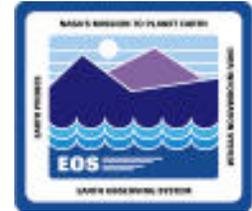


Authentication via name/password to acquire session key

SSL hides session traffic over Internet

**Inaccessible internal connections
(pipes, UNIX domain sockets)**

Mojo Web gateway brokers all interaction with ECS services



Jest Access Path

