(S//REL) POISONNUT

This Project page has moved to the: CES 2P PIQ Wiki

Contents

(U) Overview

This page is registered as
go pnut [redacted]
(URN info: alias [redacted]

This application makes use of the Java programming language.

(TS//SI//REL) **POISONNUT**, also known as the Virtual Private Network Attack Orchestrator (VAO), is a message driven cryptologic exploitation service for VPNs with the main focus on IPSec. Currently, the list of POISONNUT clients includes TURMOIL, WEALTHYCLUSTER and the TEe. Each POISONNUT client can connect to POISONNUT using ISLANDTRANSPORT. Once connected to POISONNUT, clients send and receive XML messages encrypted using ISLANDHIDEAWAY.

(U) Development Process and Standards

(U//FOUO) POISONNUT follows the LONGHAUL Development Process which uses the NSA Way.

(U) History

(TS//SI//REL) The *VPN Attack Orchestrator* (VAO) has existed in various configurations since 2003. Originally developed as a standalone application by the Network Security Products branch, the later became a key crypt application integrated with corporate collection frameworks such as WC2 andTURMOIL. As of 2006, the *Heritage VAO*, as it is now known, was stood up inside of a JBoss server. In November 2008, a new development effort was stood up in order to increase the throughput and stability of the VAO. The new VAO system, under the cover term POISONNUT, has a major development milestone scheduled for September 2009. POISONNUT is the first component which will be available under the LONGHAUL project. This new development is being undertaken by developers in the T342P and the S31243 VPN Team.

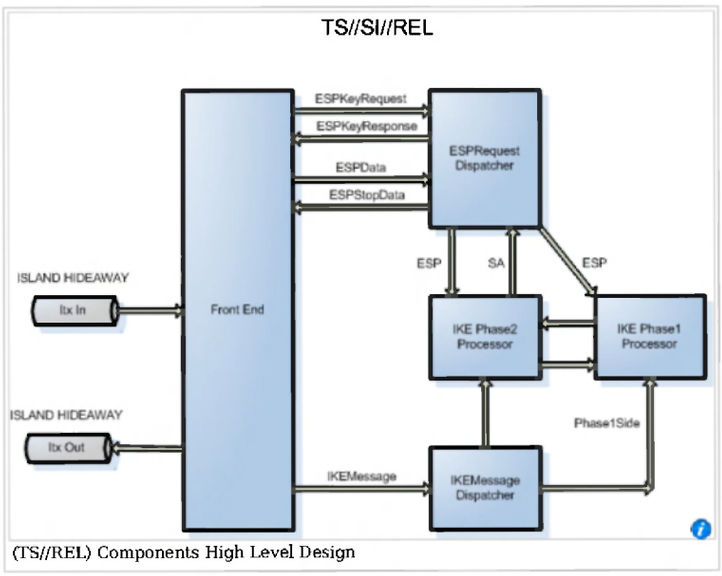

(U//FOUO) Early VAO Graphic

(U//FOUO) Modern POISONNUT Graphic

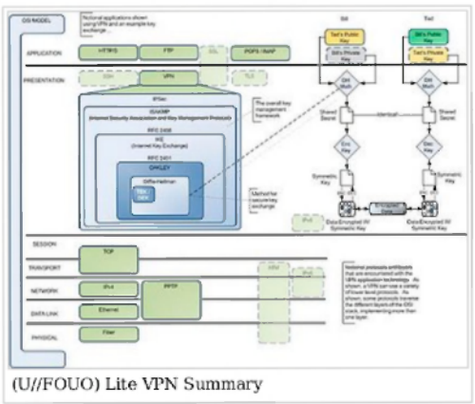
(U) Current Architecture

(U//FOUO) The POISONNUT system is composed of several components. Each component is composed of one or more products. A description of our business model for POISONNUT is available: here.

(U//FOUO) These are the high level components for the **POISONNUT** system:



(TS//REL) Components High Level Design


(U//FOUO) Lite VPN Summary

(U) Testing/Integration

- VALIANTSURF / POISONNUT Integration Notes

(U) Developer Resources

- (U) VAO Developers Calendar / Meeting Notes
- (TS//REL) VPN_Metrics

(U) Future

- (U) VAO Client

(U) Contact Info

- (U//FOUO) POISONNUT Development Team email alias: [redacted]
- (U//FOUO) Jabber Chat Room: [redacted]
- (U//FOUO) LONGHAUL JSignout group [redacted]
- (U//FOUO) Developer A/L

(U) Related Wiki Pages

- (U//FOUO) LONGHAUL [redacted] - the Parent Project
- (U//FOUO) SCARLETFEVER [redacted] - a Sibling LONGHAUL Project

(U) References

- (C//REL) PICARESQUE information about Virtual Private Network Attack Orchestrator

(U) See also

- POISONNUT Experts List [redacted]
- VPN Experts List [redacted]

Retrieved from [redacted]
Categories: Applications using Java | URN | VPN | POISONNUT | TechExp projects | Decryption systems | LONGHAUL