

HONEYPOTS

A NEW WAY SECURITY ANALYSIS

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Q QUOTE

“The tie, if I must suggest it, a shade more tightly knotted. One aims at the perfect effect. If you permit me ...”

“What does it matter, Jeeves, at a time like this? Do you realize that Mr. Little’s Domestic happiness is hanging in the scale?”

“There is no time, sir, at which ties do not matter.”

- Very Good, Jeeves! P.G.Wodehouse



So how important is to think about
Information/Network Security?

SOLUTION

HONEY POTS

HoneyPots



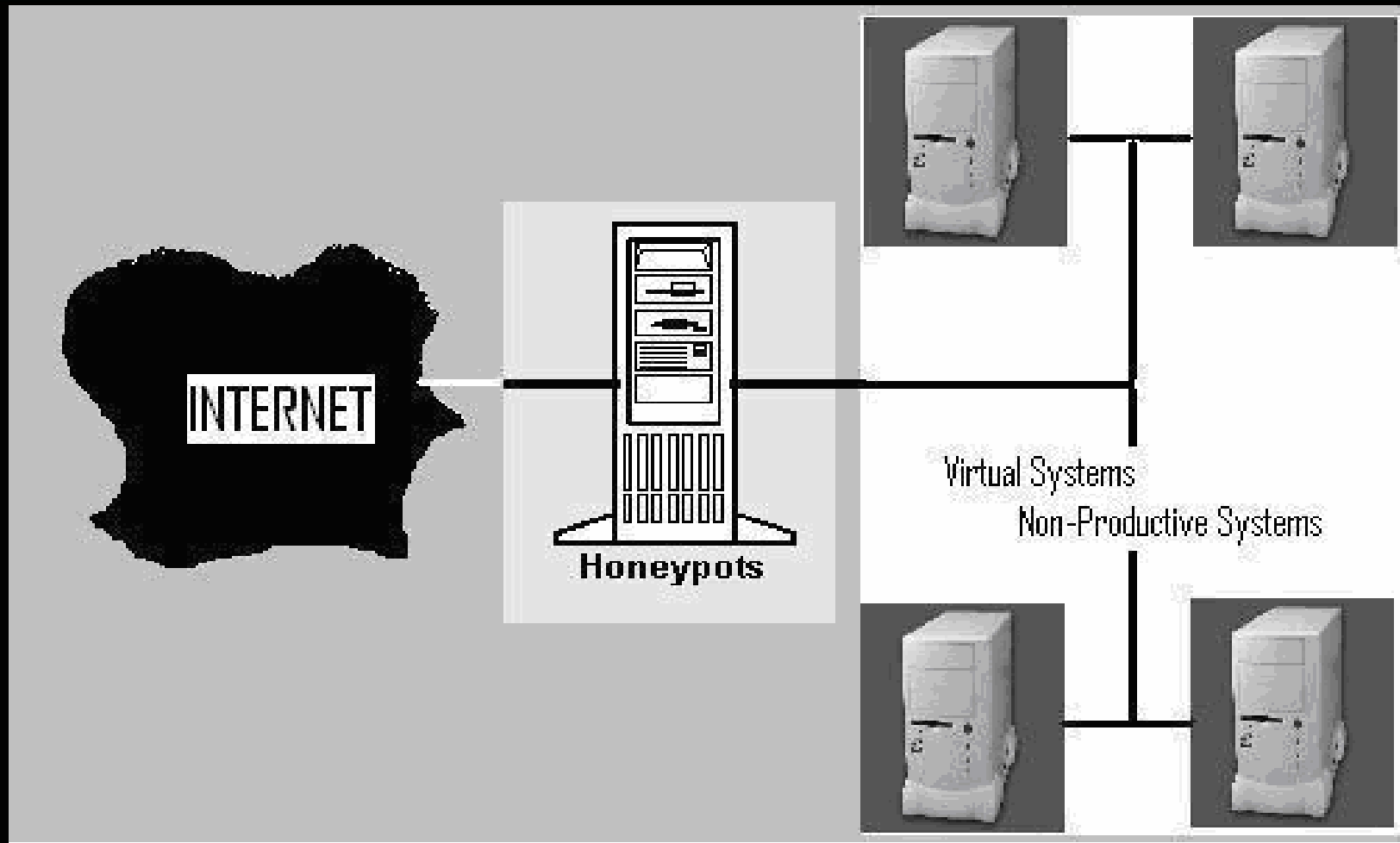
“A honeypot is a resource whose value is being in attacked or compromised. This means, that a Honeypot is expected to get probed, attacked and potentially exploited. Honeypots do not fix anything. They provide us with additional, valuable information.”

Lance Spitzner

What exactly is a HoneyPot?

- A Decoy system
- Lures the BlackHat Community
- System intended to Compromise

How it Looks



HoneyPot - Categories

Classified by Type

☼ Research

☼ Production

Classified by Level of Involvement

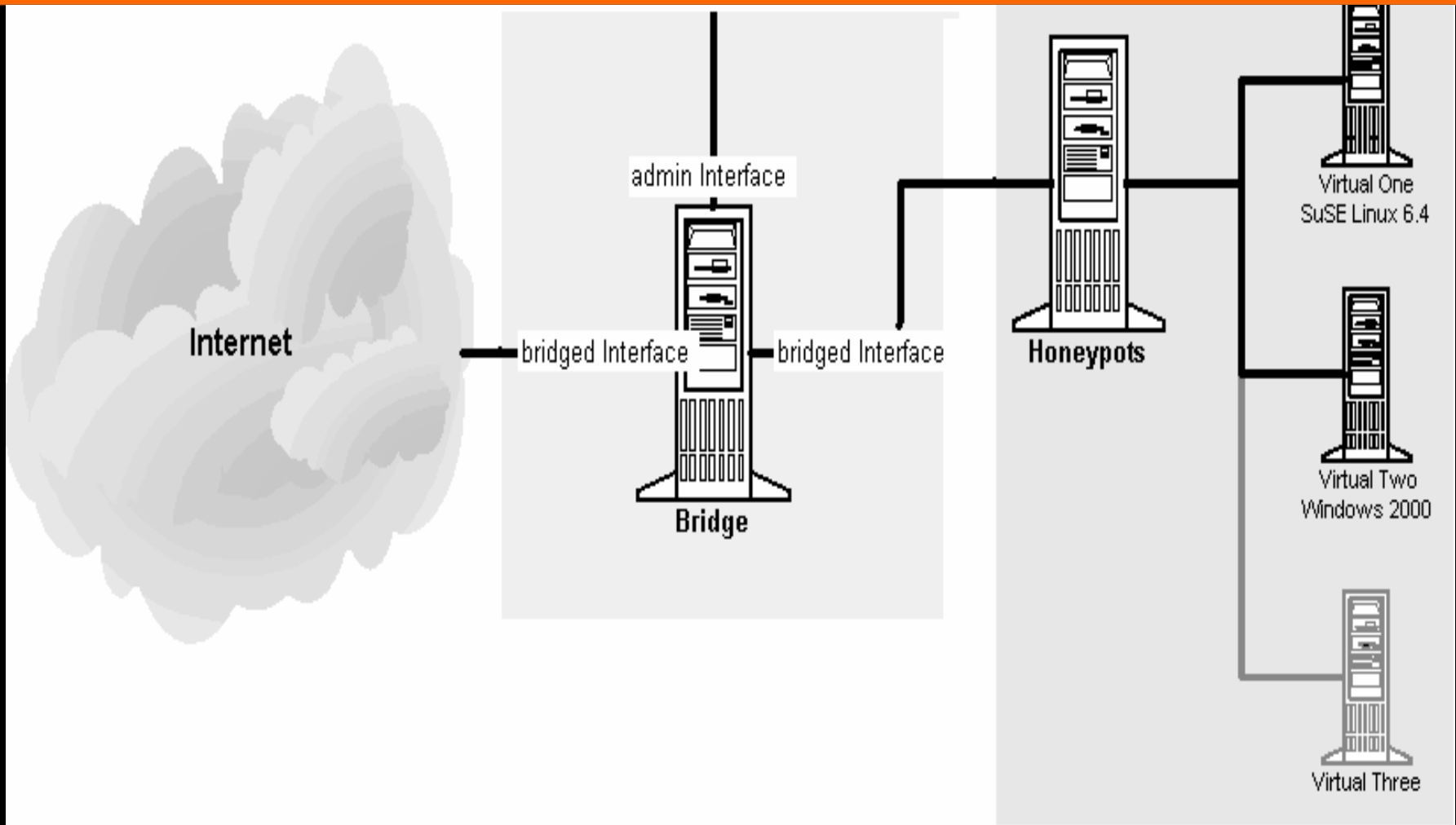
☼ Low Level Involvement HoneyPot

☼ High Level Involvement HoneyPot

HoneyPot Location

- ♠ In front of the Firewall
- ♠ DMZ
- ♠ Behind the Firewall

HONEY NETS



How to make HoneyPots Attractive?

Dangers & Threats

- Unnoticed takeover of the honeypot by an attacker
- Lost control over the honeypot installation
- Damage done to third parties

Products available in the Market

- ✓ Symantec Decoy Server
- ✓ La Brea Tarpit
- ✓ HoneyD

My Study on HoneyPots @ SCIT



May be its time!

A copy of the paper can be found at

<http://www.geocities.com/dresesve/honeypots.pdf>

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Thank you