

TopResponse Threat Advisory

Release Date: November 21, 2006

Purpose: The Top Layer TopResponse team is issuing an advisory, which provides additional information needed to block attacks targeting the Microsoft Client Service for Netware Vulnerability (CVE-2006-4688, MS06-066).

Top Layer Products: IPS 5500 Version 3.40 and higher.

Vulnerable Infrastructure: Microsoft Windows 2000 SP4, Microsoft Windows XP SP2, Microsoft Windows Server 2003, and Microsoft Windows Server 2003 SP1.

Alert Type: Critical Vulnerability

Risk Assessment: Critical

Threat Impact: Remotely exploitable vulnerability that could allow an attacker to control vulnerable systems using a publicly available exploit

Advisory Impact: Prevention

Summary: The Microsoft Client Service for Netware (also called Gateway Service for Netware on Windows 2000 Server) provides the infrastructure required for the interaction of Microsoft Windows with Novel Netware systems. A Microsoft Windows user can use the Client Service for Netware to gain access to Netware file and print resources. The reported vulnerability could allow a remote attacker to take complete control of a vulnerable system by sending a specially crafted RPC call.

Recommended Action: Top Layer recommends the following actions:

TopResponse Update Manager™ Users: Download and apply Protection Pack 2006-11-20-01 (or later) to put this new protection into place. No further action is needed.

IPS 5500 Manual Configuration Instructions:

Note: There are different instructions for IPS 5500 Version 3.40 and Version 4.X.

Instructions for Version 3.40:

Version 3.40 users should complete the following steps:

1. Log into the Web Management Interface of your IPS 5500.
2. Select **IPS Configuration->Filter Configuration->Application Protocols->MSNET->RPC->Services->Stub Length**.

3. Click the **Add** button.
4. Enter the following for the new entry:

UUID:

e67ab081-9844-3521-9d32-834f038001c0

Operation number:

7

Stub Limit:

2

5. Click the **Done** button.
6. Click the **Add** button.
7. Enter the following for the new entry:

UUID:

e67ab081-9844-3521-9d32-834f038001c0

Operation number:

8

Stub Limit:

2

8. Click the **Done** button.
9. Click the **Add** button.
10. Enter the following for the new entry:

UUID:

e67ab081-9844-3521-9d32-834f038001c0

Operation number:

9

Stub Limit:

2

11. Click the **Done** button.
12. Click the **Close** button.
13. Click the **Save** button.

Instructions for Version 4.X:

Version 4.X users should complete the following steps:

1. Log into the Web Management Interface of your IPS 5500.
2. Select **Configure Security->Advanced Security Config->IPS Rules Customization->Protocol Validation Module->MSNET->RPC->Services->Stub Length**.

3. Click the **Add** button.
4. Enter the following for the new entry:

UUID:

e67ab081-9844-3521-9d32-834f038001c0

Operation number:

7

Stub Limit:

2

5. Click the **Done** button.
6. Click the **Add** button.
7. Enter the following for the new entry:

UUID:

e67ab081-9844-3521-9d32-834f038001c0

Operation number:

8

Stub Limit:

2

8. Click the **Done** button.
9. Click the **Add** button.
10. Enter the following for the new entry:

UUID:

e67ab081-9844-3521-9d32-834f038001c0

Operation number:

9

Stub Limit:

2

11. Click the **Done** button.
12. Click the **Close** button.
13. Click the **Save** icon (upper left of your GUI).

References: Use the following sources for additional information:

Additional Information	Location
Top Layer Support Web site	http://www.toplayer.com/support
Microsoft Advisory	http://www.microsoft.com/technet/security/bulletin/ms06-066.msp

Relevant TLN Rules: TLN-008034

Relevant TopResponse Protection Pack(s): 2006-11-20-01