



# INTRUSION DETECTION

Do You REALLY Want to Know What's Happening On Your Network?

AUGUST 2004

| SU  | MO | TU  | WE   | TH | FR  | SA  |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|---|----|---|--|----|---|---|----------------|----|----|----|----|----|----|----------------|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|---|---|---|--|--|--|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
|   |    |   | 2001 Code Red B discovered during dinner at 3rd annual NTBugtraq retreat |    |   |   |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 1   | 2  | 3   | 4  | 5  | 6   | 7   |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|   |    |   | 2003 Win32/Blaster worm exploits MS 03-026                               |    | 1982 RFC 822 (format of ARPA Internet text messages)  |   |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 8   | 9  | 10  | 11   | 12 | 13  | 14  |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 2002 Sourcefire ships 100th IDS appliance |    |   |  |    |   | 1996 Health Insurance Portability and Accountability Act (HIPAA) passed |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 15  | 16 | 17  | 18   | 19 | 20  | 21  |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|   |    | 1995 Windows 95 ships - TCP/IP is now native in Windows |  |    |   | 1980 RFC 768 (UDP)  |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 22  | 23 | 24  | 25   | 26 | 27  | 28  |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|   |    |   |  |    | <table border="1"> <thead> <tr> <th colspan="7">JULY 2004</th> <th colspan="7">SEPTEMBER 2004</th> </tr> <tr> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td> <td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td> </tr> <tr> <td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td> <td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td> </tr> <tr> <td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td> <td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td> </tr> <tr> <td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td> <td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td> </tr> <tr> <td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td> <td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td><td></td> </tr> </tbody> </table> |   | JULY 2004      |    |    |    |    |    |    | SEPTEMBER 2004 |  |  |  |  |  |  | S | M | T | W | T | F | S | S | M | T | W | T | F | S |  |  |  |  | 1 | 2 | 3 |  |  |  | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 26 | 27 | 28 | 29 | 30 |  |  |
| JULY 2004                                 |    |   |  |    |   |   | SEPTEMBER 2004 |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| S   | M  | T   | W  | T  | F   | S   | S              | M  | T  | W  | T  | F  | S  |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
|   |    |   |  | 1  | 2   | 3   |                |    |    | 1  | 2  | 3  | 4  |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 4   | 5  | 6   | 7  | 8  | 9   | 10  | 5              | 6  | 7  | 8  | 9  | 10 | 11 |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 11  | 12 | 13  | 14   | 15 | 16  | 17  | 12             | 13 | 14 | 15 | 16 | 17 | 18 |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 18  | 19 | 20  | 21   | 22 | 23  | 24  | 19             | 20 | 21 | 22 | 23 | 24 | 25 |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 25  | 26 | 27  | 28   | 29 | 30  | 31  | 26             | 27 | 28 | 29 | 30 |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |
| 29  | 30 | 31  |  |    |   |   |                |    |    |    |    |    |    |                |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |  |  |  |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |