



# S·E·C·U·R·I·T·Y

I've Locked Down My Host to the Point Where It's Unusable

NOVEMBER 2004

| SU           | MO             | TU                                 | WE                                   | TH                  | FR   | SA |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------|----------------|------------------------------------|--------------------------------------|---------------------|--|----|---------------|----|----|----|----|----|----|---------------|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|---|---|--|--|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|
|              |                | 1988 Morris internet worm outbreak |                                      |                     |  |    |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              | Election Day 1 | 2                                  | 3                                    | 4                   | 5  | 6  |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7            | 8              | 9                                  | 10                                   | Veterans' Day 11    | 12   | 13 |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                |                                    | 1985 First issue of Phrack published |                     | 1993 Spafford and Kim publish Tripwire   |    |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14           | 15             | 16                                 | 17                                   | 18                  | 19   | 20 |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21           | 22             | 23                                 | 24                                   | Thanksgiving Day 25 | 26   | 27 |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                | 1969 Happy Birthday Marty Roesch!  |                                      |                     |  |    |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28           | 29             | 30                                 |                                      |                     |  |    |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                |                                    |                                      |                     | <table border="1"> <thead> <tr> <th colspan="7">OCTOBER 2004</th> <th colspan="7">DECEMBER 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></td> <td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td></td> </tr> <tr> <td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</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>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</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>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</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>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td> <td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td> </tr> <tr> <td>31</td><td></td><td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> |    | OCTOBER 2004  |    |    |    |    |    |    | DECEMBER 2004 |  |  |  |  |  |  | S | M | T | W | T | F | S | S | M | T | W | T | F | S |  |  |  |  | 1 | 2 |  |  |  | 1 | 2 | 3 | 4 |  | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 26 | 27 | 28 | 29 | 30 | 31 |  | 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OCTOBER 2004 |                |                                    |                                      |                     |  |    | DECEMBER 2004 |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S            | M              | T                                  | W                                    | T                   | F  | S  | S             | M  | T  | W  | T  | F  | S  |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                |                                    |                                      | 1                   | 2  |    |               |    | 1  | 2  | 3  | 4  |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3            | 4              | 5                                  | 6                                    | 7                   | 8  | 9  | 5             | 6  | 7  | 8  | 9  | 10 | 11 |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10           | 11             | 12                                 | 13                                   | 14                  | 15   | 16 | 12            | 13 | 14 | 15 | 16 | 17 | 18 |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17           | 18             | 19                                 | 20                                   | 21                  | 22   | 23 | 19            | 20 | 21 | 22 | 23 | 24 | 25 |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24           | 25             | 26                                 | 27                                   | 28                  | 29   | 30 | 26            | 27 | 28 | 29 | 30 | 31 |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31           |                |                                    |                                      |                     |  |    |               |    |    |    |    |    |    |               |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |