



# CVE-2010-4785

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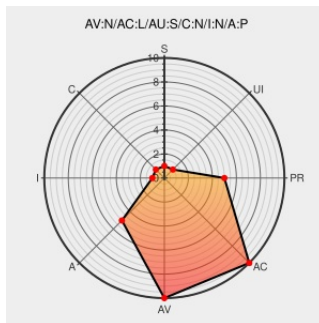
## CVE-2010-4785

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Tivoli Directory Server](#) from [Ibm](#) contain the following vulnerability:

The `do_extendedOp` function in `ibmslapd` in IBM Tivoli Directory Server (TDS) 6.0 before 6.0.0.62 (aka 6.0.0.8-TIV-ITDS-IF0004) on Linux, Solaris, and Windows allows remote authenticated users to cause a denial of service (ABEND) via a malformed LDAP extended operation that triggers certain comparisons involving the NULL operation OID.

CVE-2010-4785 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability

CVSS2 Score: **4 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |

## CVE References

| Description                                                          | Tags                                                                                                                                            | Link                                                                                       |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| IO11814: eSIP IBM20100125-1140: LDAP do_extendedOp DoS vulnerability | <a href="#">www.ibm.com</a><br><a href="#">text/html</a>                                                                                        | <a href="#">AIXAPAR IO11814</a>                                                            |
| IBM notice: The page you requested cannot be displayed               | <a href="#">Patch</a><br><a href="#">www.ibm.com</a><br><a href="#">text/html</a><br><a href="#">Inactive Link</a> <a href="#">Not Archived</a> | <a href="#">CONFIRM</a><br><a href="#">www.ibm.com/support/docview.wss?uid=swg24029672</a> |

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| There are currently no QIDs associated with this CVE |        |                         |          |        |         |          |
|------------------------------------------------------|--------|-------------------------|----------|--------|---------|----------|
|                                                      |        |                         |          |        |         |          |
| Known Affected Configurations (CPE V2.3)             |        |                         |          |        |         |          |
| Type                                                 | Vendor | Product                 | Version  | Update | Edition | Language |
| Application                                          | IBM    | Tivoli Directory Server | 6.0      | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.0  | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.1  | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.14 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.19 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.33 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.41 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.45 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.52 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.53 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.54 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.55 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.56 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.57 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.58 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.59 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.60 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.61 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.7  | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.8  | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0      | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.0  | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.1  | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.14 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.19 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.33 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.41 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.45 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.52 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.53 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.54 | All    | All     | All      |
| Application                                          | IBM    | Tivoli Directory Server | 6.0.0.55 | All    | All     | All      |

| Application                                                   | Idm       | Tivoli Directory Server | 6.0.0.56 | All | All | All |
|---------------------------------------------------------------|-----------|-------------------------|----------|-----|-----|-----|
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.56 | All | All | All |
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.57 | All | All | All |
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.58 | All | All | All |
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.59 | All | All | All |
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.60 | All | All | All |
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.61 | All | All | All |
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.7  | All | All | All |
| Application                                                   | Ibm       | Tivoli Directory Server | 6.0.0.8  | All | All | All |
| Operating System                                              | Linux     | Linux Kernel            | All      | All | All | All |
| Operating System                                              | Linux     | Linux Kernel            | All      | All | All | All |
| Operating System                                              | Microsoft | Windows                 | All      | All | All | All |
| Operating System                                              | Microsoft | Windows                 | All      | All | All | All |
| Operating System                                              | Sun       | Sunos                   | All      | All | All | All |
| Operating System                                              | Sun       | Sunos                   | All      | All | All | All |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0:*.***.***.***:      |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.0:*.***.***.***:  |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.1:*.***.***.***:  |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.14:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.19:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.33:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.41:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.45:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.52:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.53:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.54:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.55:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.56:*.***.***.***: |           |                         |          |     |     |     |
| cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.57:*.***.***.***: |           |                         |          |     |     |     |

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.58:*:*:*:*:*.*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.59:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.60:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.61:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.8:*:*:*:*:*:*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0:*:*:*:*:*:*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.1:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.14:*:*:*:*:*:*:
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.19:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.33:*:*:*:*:*.*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.41:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.45:*:*:*:*:*.*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.52:*:*:*:*:*.*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.53:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.54:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.55:*:*:*:*:*.*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.56:::*:*:*:*.*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.57:::*:*:*:*.*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.58:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.59:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.60:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.61:::*:*:*:*:*:
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.7:*:*:*:*:*:*
```

```
cpe:2.3:a:ibm:tivoli_directory_server:6.0.0.8:*:*:*:*:*:*
```

```
cpe:2.3:o:linux:linux_kernel:*.:*:*:*:*:*:*:
```

```
cpe:2.3:o:linux:linux_kernel:*.*:*.*:*.*:*.*:.*
```

```
cpe:2.3:o:microsoft:windows:*:*:*:*:*:*:
```

|                                    |
|------------------------------------|
|                                    |
| cpe:2.3:o:microsoft:windows:*****: |
| cpe:2.3:o:sun:sunos:*****:         |
| cpe:2.3:o:sun:sunos:*****:         |

No vendor comments have been submitted for this CVE

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