# CVE Detail – CVE-2019-10744

Versions of lodash lower than 4.17.12 are vulnerable to Prototype Pollution. The function defaultsDeep could be tricked into adding or modifying properties of Object.prototype using a constructor payload.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## EPSS

EPSS Score: N/A

Percentile: 0.86938

## CVSS Scoring

CVSS v3.1 Score: 9.1

Severity: CRITICAL

## Mapped CWE(s)

* CWE-1321: Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution')

## CAPEC(s)

* CAPEC-1: Accessing Functionality Not Properly Constrained by ACLs
* CAPEC-180: Exploiting Incorrectly Configured Access Control Security Levels
* CAPEC-77: Manipulating User-Controlled Variables

## ATT&CK Techniques

* T1574.010: Services File Permissions Weakness

## Used By (Actors/Tools)

* BlackEnergy (malware)

## Affected Products

* cpe:2.3:a:lodash:lodash:\*:\*:\*:\*:\*:node.js:\*:\*
* cpe:2.3:a:netapp:active\_iq\_unified\_manager:-:\*:\*:\*:\*:linux:\*:\*
* cpe:2.3:a:netapp:active\_iq\_unified\_manager:-:\*:\*:\*:\*:vmware\_vsphere:\*:\*
* cpe:2.3:a:netapp:active\_iq\_unified\_manager:-:\*:\*:\*:\*:windows:\*:\*
* cpe:2.3:a:netapp:service\_level\_manager:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:redhat:virtualization\_manager:4.3:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:oracle:banking\_extensibility\_workbench:14.3.0:\*:\*:\*:\*:\*:\*:\*
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* cpe:2.3:a:f5:big-iq\_centralized\_management:5.4.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:f5:big-iq\_centralized\_management:7.0.0:\*:\*:\*:\*:\*:\*:\*
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