



# CVSS Temporal Score

VULNERABILITY MANAGEMENT

# CVSS Temporal Score

- Temporal scores change over the lifetime of the vulnerability
- As exploits are developed, disclosed, and mitigations made available, the score changes

## CVSS Base Score

10.0 (CVSS2#AV:N/AC:L/Au:N/C:C/I:C/A:C)

## CVSS Temporal Score

7.8 (CVSS2#E:POC/RL:OF/RC:C)



# Temporal Metrics

- Exploitability
- Remediation Level
- Report Confidence



# Temporal Metrics: Exploitability

- Current state of exploitation techniques or automated exploitation available



# Exploitability (E) Metric

- Current state of exploitation techniques or automated exploitation available

Value	Description	Score
U	Unproven	0.85
P	Proof-of-Concept	0.90
F	Functional	0.95
H	High	1.0
ND	Not Defined	1.0



## Remediation Level (RL) Metric

- Used to decrease temporal score as mitigations and fixes are made available

Value	Description	Score
O	Official Fix	0.87
T	Temporary Fix	0.90
W	Workaround	0.95
U	Unavailable	1.0
ND	Not Defined	1.0



# Report Confidence (RC) Metric

- Used to show the level of confidence in the existence of the vulnerability and the technical details of the report

Value	Description	Score
UC	Unconfirmed	0.90
UR	Uncorroborated	0.95
C	Confirmed	1.0
ND	Not Defined	1.0



# Calculating Temporal Metrics

$$\text{TemporalScore} =$$
$$\text{BaseScore} \times \text{Exploitability} \times$$
$$\text{RemediationLevel} \times \text{ReportConfidence}$$

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