

Romer_CSD370

Owner: Paul Romer

Reviewer:

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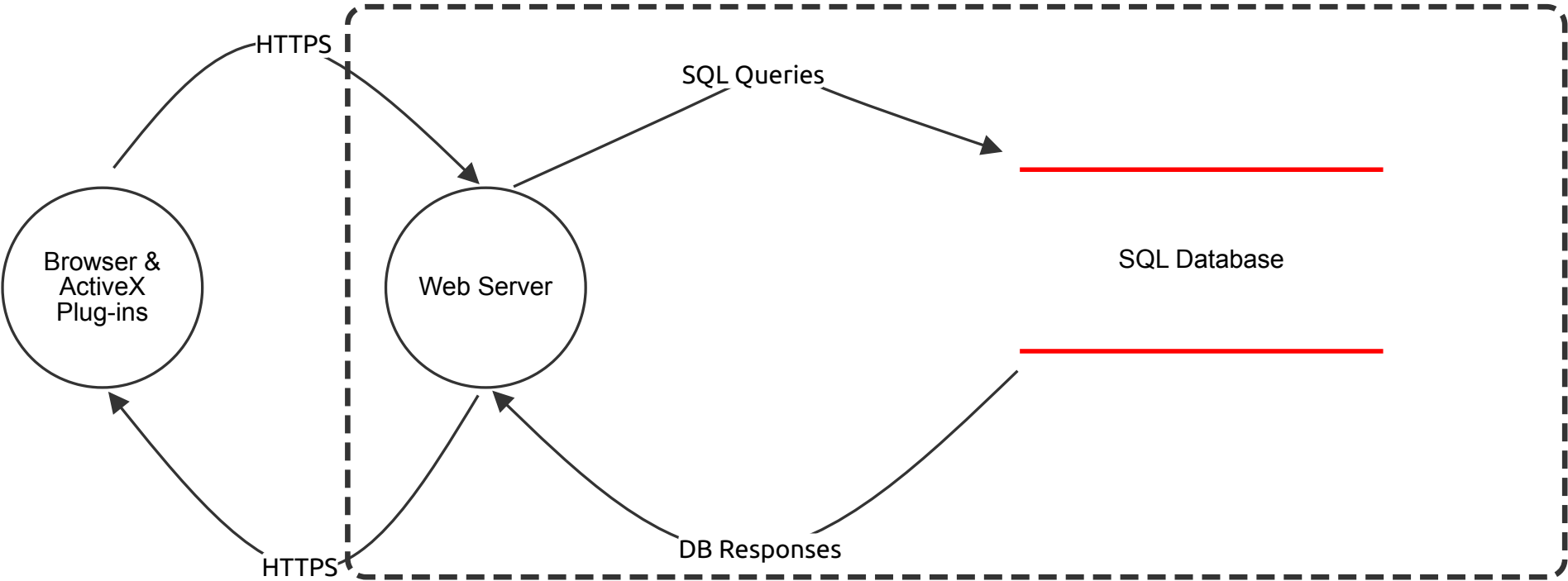
Executive Summary

High level system description

Not provided

Summary

Total Threats	3
Total Mitigated	1
Not Mitigated	2
Open / High Priority	1
Open / Medium Priority	1
Open / Low Priority	0
Open / Unknown Priority	0



Romer_CSD370

Browser & ActiveX Plug-ins (Process)

Description:

Number	Title	Type	Priority	Status	Score	Description	Mitigations
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Web Server (Process)

Description:

Number	Title	Type	Priority	Status	Score	Description	Mitigations
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SQL Database (Store)

Description:

Number	Title	Type	Priority	Status	Score	Description	Mitigations
1	SQL Injection	Tampering	High	Open		Attackers can manipulate SQL queries through user input fields, potentially leading to unauthorized access or data modification.	Implement prepared statements and parameterized queries to prevent SQL injection.
2	Unauthorized Access	Tampering	Low	Mitigated		An attacker may attempt to gain unauthorized access to the database using stolen credentials or brute force.	Enforce strong authentication mechanisms such as multi-factor authentication and role-based access control.
3	Denial of Service	Denial of service	Medium	Open		Attackers may overload the database with excessive queries, causing slowdowns or crashes.	Implement rate limiting and monitoring to detect and block abnormal query patterns.

HTTPS (Data Flow)

Description:

Number	Title	Type	Priority	Status	Score	Description	Mitigations
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HTTPS (Data Flow)

Description:

Number	Title	Type	Priority	Status	Score	Description	Mitigations
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SQL Queries (Data Flow)

Description:

Number	Title	Type	Priority	Status	Score	Description	Mitigations
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DB Responses (Data Flow)

Description:

Number	Title	Type	Priority	Status	Score	Description	Mitigations
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