

Student:	Email:
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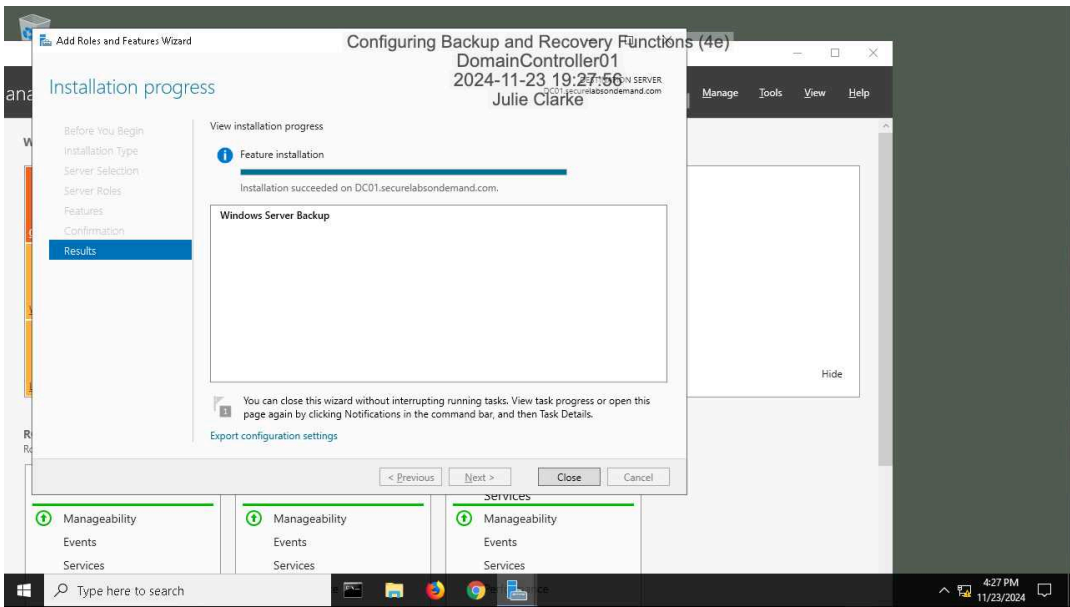
Time on Task:	Progress:
3 hours, 30 minutes	100%

Report Generated: Sunday, November 24, 2024 at 7:05 PM

Section 1: Hands-On Demonstration

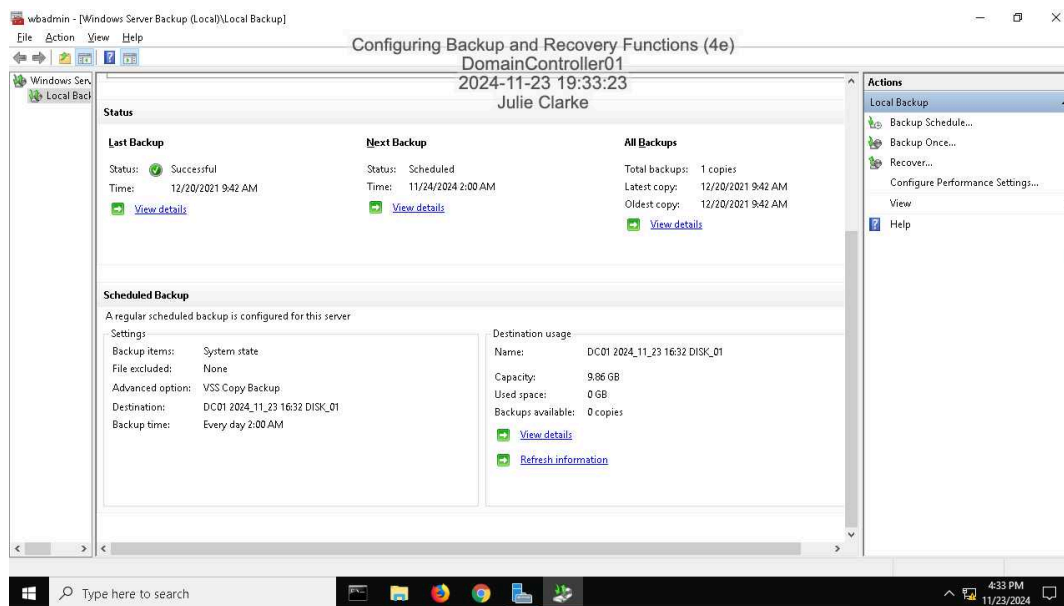
Part 1: Install Windows Server Backup

11. Make a screen capture showing the completed Windows Server Backup feature installation.



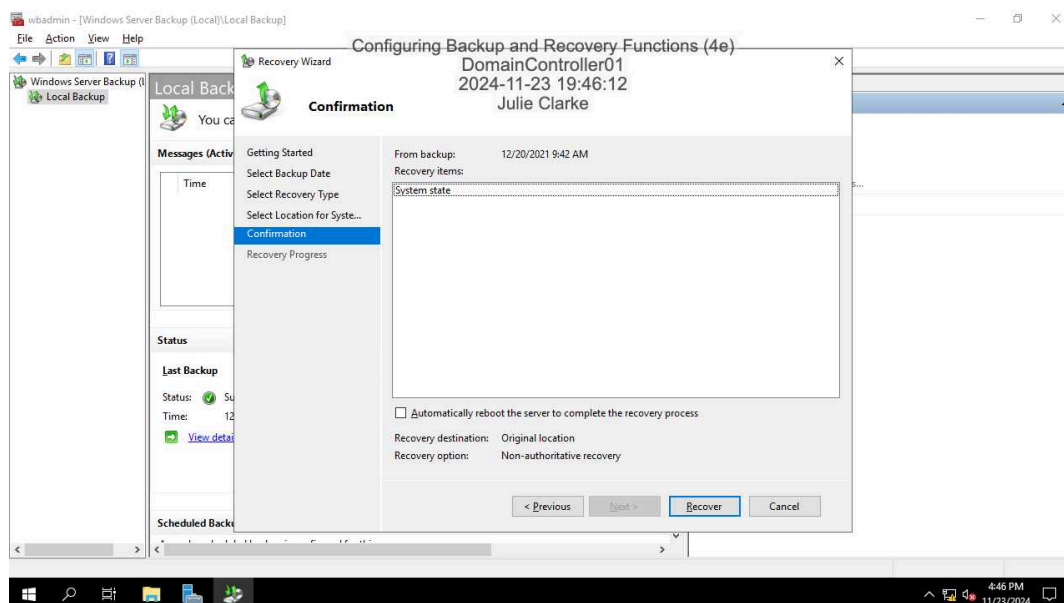
Part 2: Configure a System State Backup

15. Make a screen capture showing the **Scheduled Backup** settings, including the destination and backup time.



Part 3: Restore from a System State Backup

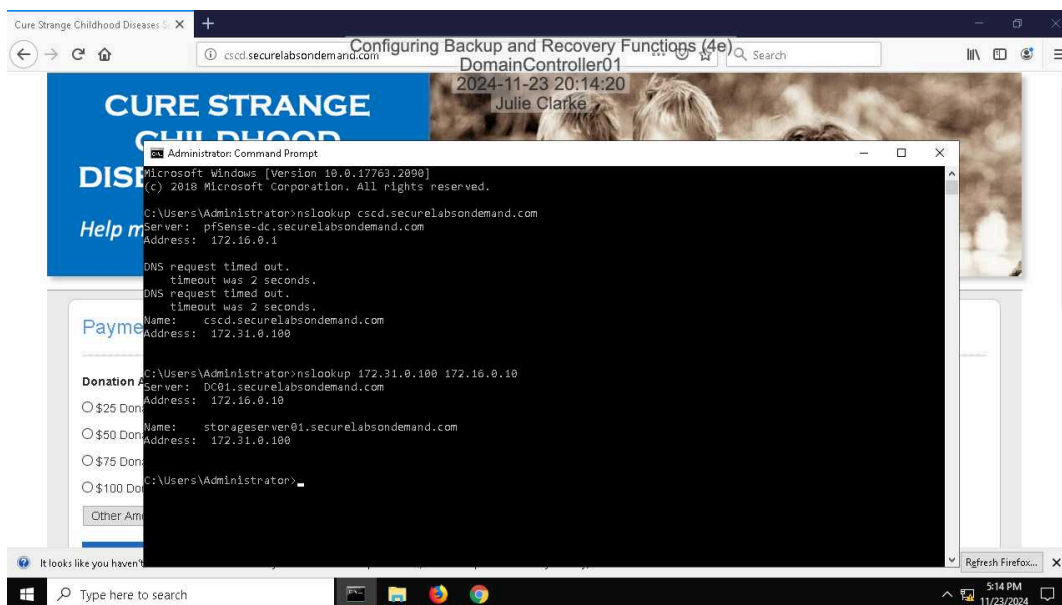
15. Make a screen capture showing the **Recovery Wizard Confirmation** page.



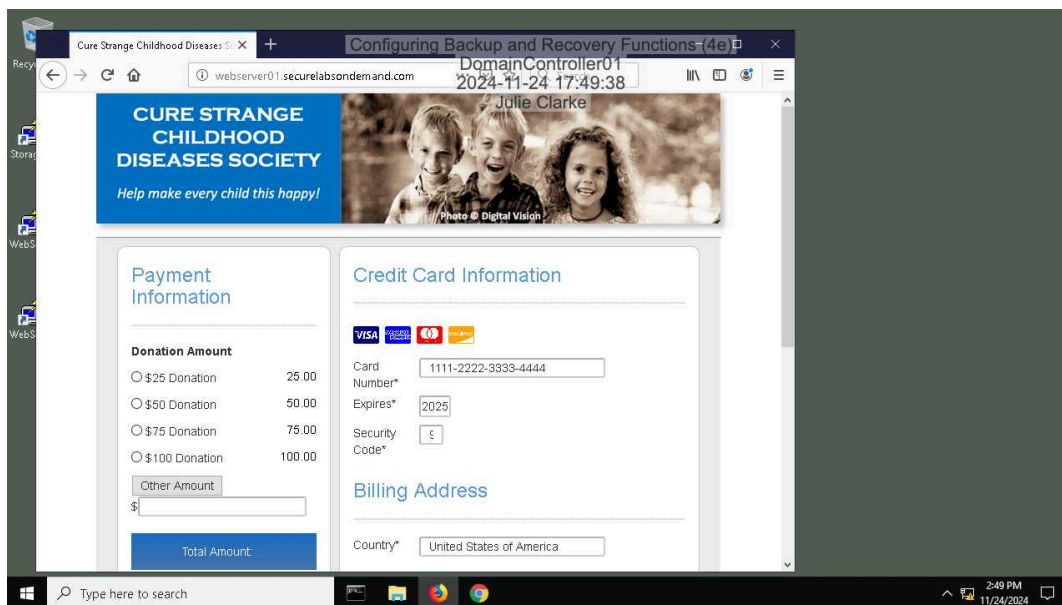
Section 2: Applied Learning

Part 1: Configure an NFS Share

8. Make a screen capture showing the results of the reverse DNS query.



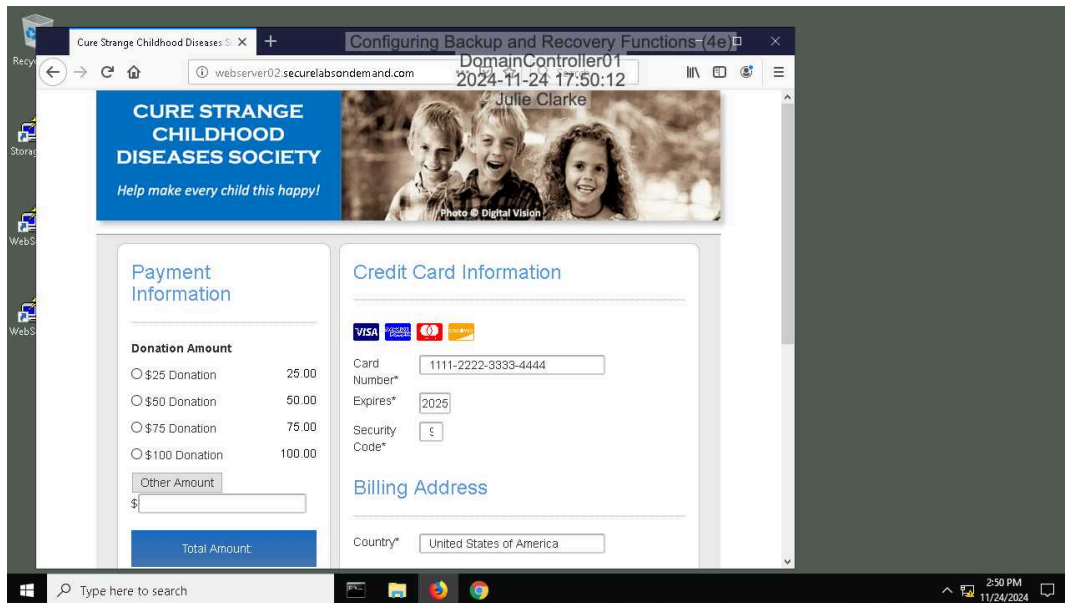
34. Make a screen capture showing the updated webserver01 home page.



Configuring Backup and Recovery Functions (4e)

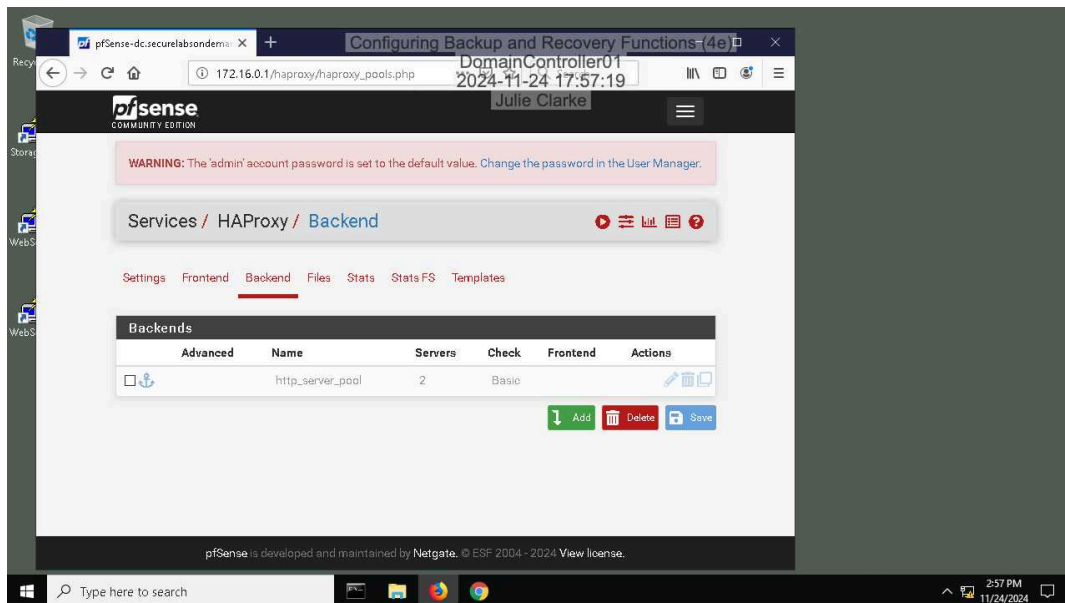
Fundamentals of Information Systems Security, Fourth Edition - Lab 09

36. Make a screen capture showing the **updated webserver02** home page.

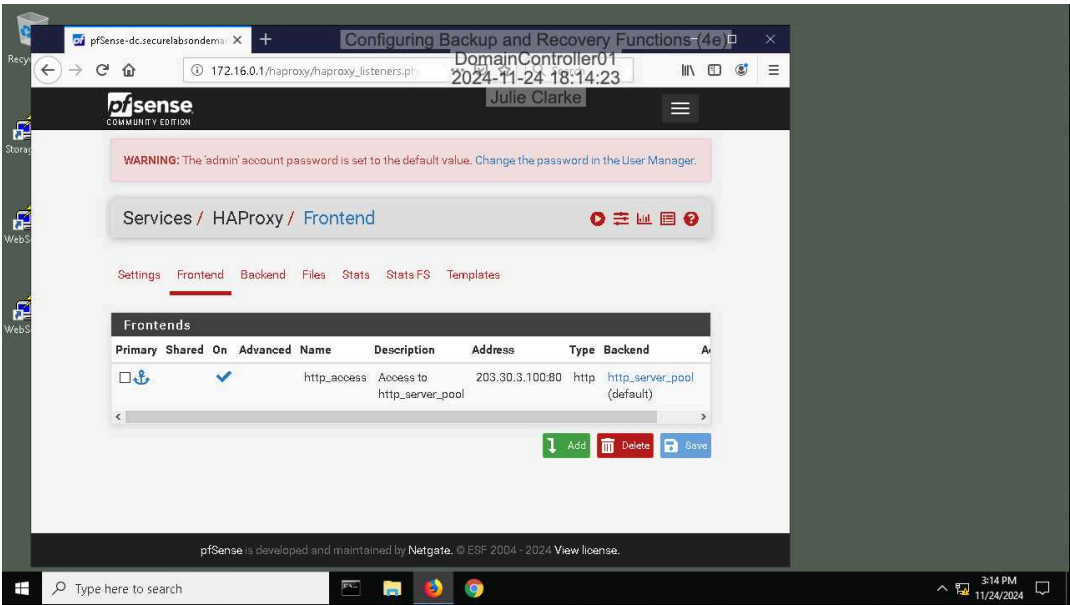


Part 2: Configure Load Balancing

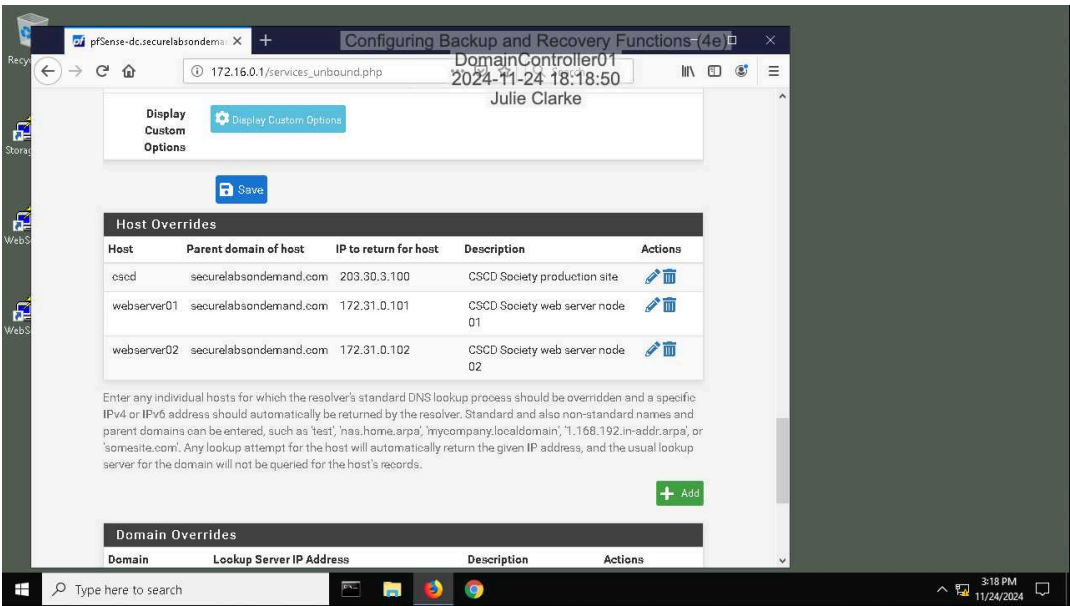
15. Make a screen capture showing the **http_server_pool** backend.



22. Make a screen capture showing the `http_access` frontend.



35. Make a screen capture showing the new Host Overrides entry for `cscd.securelabsondemand.com`.

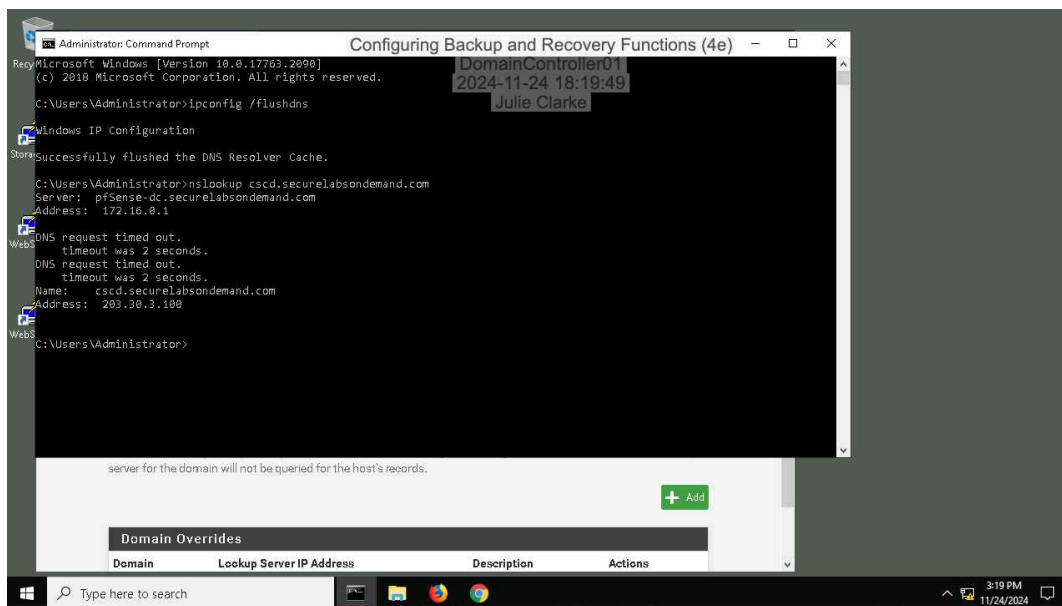


Part 3: Verify Load Balancing

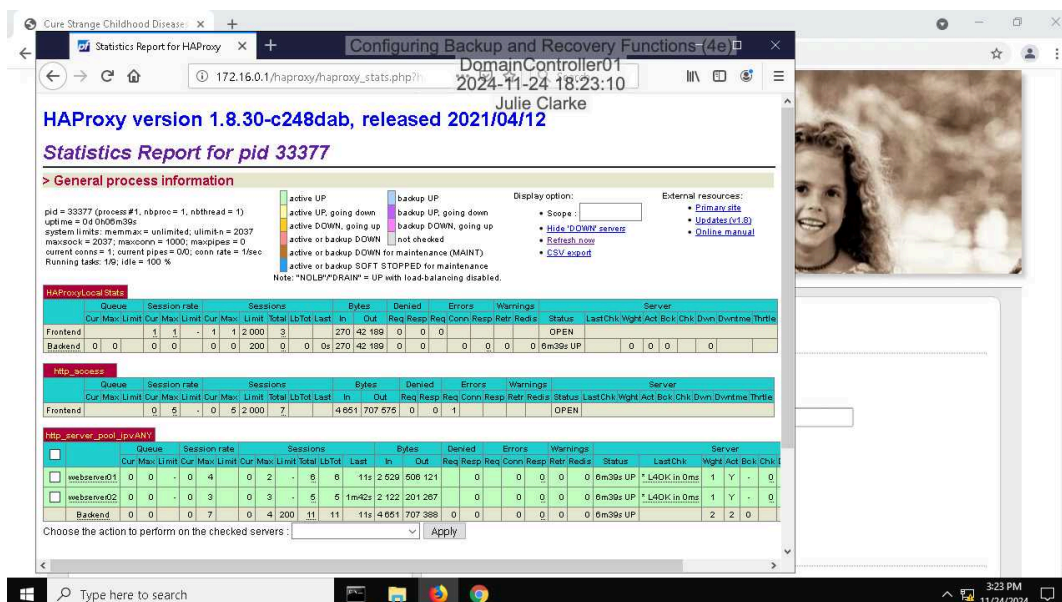
Configuring Backup and Recovery Functions (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 09

4. Make a screen capture showing the result of your DNS query for **cscd.securelabsondemand.com**.



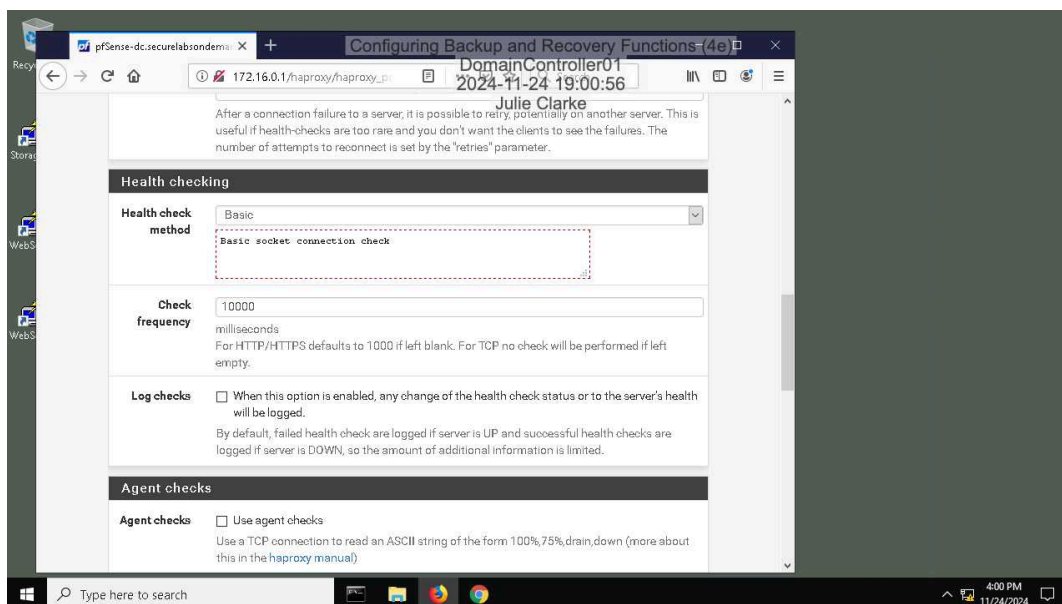
11. Make a screen capture showing the Statistics Report with a value of at least 1 in the Sessions > Total column of the **http_server_pool_ipvANY** box, for both **webserver01** and **webserver02**.



Section 3: Challenge and Analysis

Part 1: Add Failover Functionality

Make a screen capture showing the updated Check Frequency value in the Health checking module.



Part 2: Validate Failover Functionality

Configuring Backup and Recovery Functions (4e)

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Make a screen capture showing the HAProxy Statistics Report with a host in a DOWN state, as well as the UP host having more total sessions (http_server_pool_ipvANY, Sessions > Total) than the DOWN host.

Statistics Report for HAProxy

HAProxy version 1.8.30-c248dab, released 2021/04/12

Statistics Report for pid 40305

> General process information

pid = 40305 (process #1, nproc = 1, nthread = 1)
uptime = 0d 0h23m07s
system limits: memmax = unlimited; ulimits = 2037
maxsock = 2037; maxconn = 1000; maxpipes = 0
current conns = 3; current pipes = 0; conn rate = 1/sec
Running tasks: 1/11, idle = 100 %

active UP, backup UP, active UP, going down, active DOWN, going up, active or backup DOWN, active or backup DOWN for maintenance (MAINT), active or backup SOFT STOPPED for maintenance

Display options:
• Scope:
• Host: DOWN server
• Refresh now
• CSV export

External resources:
• Primary site
• Updates (v1.8)
• Online manual

HAProxy Local Status

Queue	Session rate	Sessions	Bytes	Denied	Errors	Warnings	Status	LastChk	Wght	Act	Bok	Chk	Dvtn	Thrtle			
Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	Last	In	Out	Req	Resp	Req	Conn	Resp	Retr	Redis
Frontend	1	1	1	1	2 000	3	270	41 951	0	0	0	0	0	0	0	0	0
Backend	0	0	0	0	0	200	0	0	0	0	0	0	0	0	0	0	0

http_server_pool_ipvANY

Queue	Session rate	Sessions	Bytes	Denied	Errors	Warnings	Status	LastChk	Wght	Act	Bok	Chk	Dvtn	Thrtle			
Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	Last	In	Out	Req	Resp	Req	Conn	Resp	Retr	Redis
Frontend	0	2	2	2	2 000	10	7 074	3 420	0	0	4	0	0	0	0	0	0
Backend	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

Choose the action to perform on the checked servers:

Apply